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Physics and Mathematics

TABLES FOR A SEMI-INFINITE
CIRCULAR CURRENT SHEET

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OAK RIDGE NATIONAL LABORATORY

operated by

UNION CARBIDE CORPORATION

for the

U.S. ATOMIC ENERGY COMMISSION

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TABLES FOR A
SEMI-INFINITE CIRCULAR CURRENT SHEET

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Oak Ridge, Tennessee
operated by
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for the
U.S. ATOMIC ENERGY COMMISSION

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PREFACE

The concept of an ideal current sheet is frequently useful in the design of electromagnets. Since a current sheet of any length can be represented by the superposition of two semi-infinite sheets, it is desirable to have tables for the magnetic field produced by a semi-infinite current sheet. Unfortunately, comprehensive tables have never been published.

The tables in this report include both the magnetic field intensity and the magnetic vector potential. To use the tables it is not necessary to apply the symmetric properties of the fields. This doubles the size of the tables but greatly simplifies their use.

This report was prepared at the request of Dr. W. F. Gauster of the Thermonuclear Experimental Division of Oak Ridge National Laboratory.

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INTRODUCTION

Description of the tables

For current distributions which circulate about an axis, it is convenient to use cylindrical coordinates, (r, φ, z) , letting the circulation be around the z -axis. The magnetic field due to such currents is independent of φ and has no cylindrical component. The magnetic vector potential has only one nonzero component, the φ component, which is denoted in this report simply by $A(r, z)$. It is related to the components of the magnetic field intensity by the relations

$$(1) \quad H_r(r, z) = - \frac{\partial}{\partial r} A(r, z)$$

$$(2) \quad H_z(r, z) = \frac{1}{r} \frac{\partial}{\partial r} [r A(r, z)]$$

The tables in the report are for an ideal current sheet extending from $z = -\infty$ to $z = 0$ and having a radius $\rho = 1$. An interesting property of such a current sheet is that the axial component of the magnetic field intensity in the end plane is constant at all points lying inside the radius ρ of the sheet. In fact,

$$(3) \quad H_z(r, 0) = \begin{cases} 2\pi j & \text{if } r < \rho, \\ 0 & \text{if } r > \rho, \end{cases}$$

where j is the current density circulating around the sheet. For the tables in this report j is assigned the value $1/(2\pi)$ so that the axial

field intensity in the end plane is either zero or one.

In the C. G. S. system of absolute electromagnetic units, the tables give the components of the magnetic field intensity in oersteds for a circular current sheet extending from $z = -\infty$ to $z = 0$ and having

$$\begin{aligned} \text{radius} & \quad \rho = 1 \text{ centimeter} \\ \text{current density} & \quad j = \frac{1}{2\pi} \text{ abampere per cm.,} \\ & \quad = \frac{10}{2\pi} \text{ amperes per cm.} \end{aligned}$$

Since the permeability of free space is unity in this system of units, the tabulated values are also the magnetic flux densities in gauss for a current sheet in vacuum.

In the unrationalized M. K. S. system of practical electrical units the tables correspond to a semi-infinite current sheet with

$$\begin{aligned} \text{radius} & \quad \rho = 1 \text{ meter,} \\ \text{current density} & \quad j = \frac{1}{2\pi} \text{ ampere per meter.} \end{aligned}$$

The units of the tabulated values of magnetic field intensity are praoersteds. To convert to ampere turns per meter, which is the corresponding unit in the rationalized system, divide the tabulated values by 4π . The permeability of free space in the unrationalized M. K. S. system is 10^{-7} webers per square meter per praoersted. Hence to obtain the corresponding magnetic flux densities in webers per square meter, multiply the tabulated values of H_r and H_z by 10^{-7} .

The functions tabulated are

$$H_r(r,z) , \quad H_z(r,z) , \quad A(r,z) , \quad r A(r,z) .$$

The tables are in three parts:

Table I: six decimal digits over the range

$$\begin{aligned} 0 \leq r \leq 29.5 & \quad \text{at intervals of } 0.5, \\ -25.0 \leq z \leq 24.5 & \quad \text{at intervals of } 0.5 . \end{aligned}$$

Table II: six decimal digits over the range

$$\begin{aligned} 0 \leq r \leq 10.4 & \quad \text{at intervals of } 0.1, \\ -10.0 \leq z \leq 9.9 & \quad \text{at intervals of } 0.1 . \end{aligned}$$

Table III: eight decimal digits over the range

$$\begin{aligned} 0.85 \leq r \leq 1.15 & \quad \text{at intervals of } 0.01, \\ -0.25 \leq z \leq 0.24 & \quad \text{at intervals of } 0.01 . \end{aligned}$$

Special properties of the semi-infinite current sheet

For easy reference, some of the special properties of the fields are listed here. The basic symmetries are

- (4) $A(r, -z) = -A(r, z) + 2A(r, 0)$
- (5) $H_r(r, -z) = H_r(r, z)$
- (6) $H_z(r, -z) = -H_z(r, z) + 2H_z(r, 0) .$

Combined with (3), the last relation may be written

x

$$(7) \quad H_z(r, -z) = \begin{cases} 4\pi j - H_z(r, z) & r < \rho \\ 2\pi j - H_z(r, z) & r = \rho \\ 0 - H_z(r, z) & r > \rho \end{cases}$$

Strictly speaking, H_z does not exist on the current sheet. As the sheet is approached from within or without, however, H_z does have a limiting value. The convention adopted in equation (7) and in the tables is that the value on the sheet is defined to be the average of the values approached from within and without. With the aid of equation (7), it is then a simple matter to determine from the tables the actual values approached by H_z on the inside and the outside of the sheet.

Since

$$(8) \quad A(r, 0) = \begin{cases} \pi j \rho \left(\frac{r}{\rho}\right) & r \leq \rho \\ \pi j \rho \left(\frac{\rho}{r}\right) & r \geq \rho \end{cases}$$

equation (4) may be written as

$$(9) \quad A(r, -z) = \begin{cases} 2\pi j \rho \left(\frac{r}{\rho}\right) - A(r, z) & r \leq \rho \\ 2\pi j \rho \left(\frac{\rho}{r}\right) - A(r, z) & r \geq \rho \end{cases}$$

The following relations are added for completeness:

$$(10) \quad \frac{1}{r} A(r, z) \rightarrow \pi j \left[1 - \frac{z}{\sqrt{z^2 + \rho^2}} \right] \quad \text{as } r \rightarrow 0$$

$$(11) \quad \frac{1}{r} H_r(r, z) \rightarrow \pi j \frac{\rho^2}{(z^2 + \rho^2)^{3/2}} \quad \text{as } r \rightarrow 0$$

$$(12) \quad H_z(0, z) = 2\pi j \left[1 - \frac{z}{\sqrt{z^2 + \rho^2}} \right]$$

$$(13) \quad H_z(r, 0) = \begin{cases} \pi j \left(\frac{r}{\rho}\right) {}_2F_1 \left[\frac{3}{2}, \frac{1}{2}; 2; \left(\frac{r}{\rho}\right)^2 \right] & 0 < r < \rho \\ \pi j \left(\frac{\rho}{r}\right)^2 {}_2F_1 \left[\frac{3}{2}, \frac{1}{2}; 2; \left(\frac{\rho}{r}\right)^2 \right] & 0 < \rho < r \end{cases}$$

where

$$\begin{aligned} {}_2F_1 \left(\frac{3}{2}, \frac{1}{2}; 2; x \right) = 1 + \frac{\left(\frac{3}{2}\right)\left(\frac{1}{2}\right)}{(2)} \frac{x}{1!} + \frac{\left(\frac{3}{2}\right)\left(\frac{5}{2}\right)\left(\frac{1}{2}\right)\left(\frac{3}{2}\right)}{(2)(3)} \frac{x^2}{2!} \\ + \dots + \frac{\left(\frac{3}{2}\right)\dots\left(\frac{3}{2} + n\right)\left(\frac{1}{2}\right)\dots\left(\frac{1}{2} + n\right)}{(2)\dots(2 + n)} \frac{x^{n+1}}{(n+1)!} \\ + \dots \end{aligned}$$

is a hypergeometric function. And finally,

$$(14) \quad A(r, z) = 2\pi j \rho \int_0^\infty \frac{1}{s} e^{-sz} J_1(rs) J_1(\rho s) ds.$$

All of the preceding results are easily obtained. Snow [1] gives relations (3), (5), (6), (7), (11), (12), and (14). Equation (4) can be obtained by a superposition argument similar to that used by Snow in

obtaining equation (6). It is also derived in the next section as an easy corollary of the derivation of a general expression for $A(r, z)$. The behavior of A as r tends to zero is also derived there. Property (8) may be obtained from (14) by setting $z = 0$ and using known properties of Bessel functions (see Magnus and Oberhettinger [2], page 36). Equation (13) may be obtained in the same manner, after first differentiating (14) according to equation (1) (see [2], page 35).

Formulas for computing the field components

The theory of circular current sheets is not new. The mathematical formulation leads quite naturally to elliptic integrals just as in the case of a single loop of current. The most complete mathematical treatment available is given by Snow [1]. He obtains expressions for H_r and H_z which are only algebraic expressions involving complete and incomplete elliptic integrals. Although these expressions are well-suited to analysis, they are unfortunately not completely satisfactory for accurate numerical evaluation because they involve differences of the elliptic functions. For certain ranges of the modulus, these differences are the cause of a substantial loss of significant figures.

The method adopted here is related to the elliptic integral approach. Indeed the expressions used are all integrals over the range of 0 to $\frac{1}{2} \pi$, but the integrands are constructed so that the cancellations due to the circular symmetries of the current are effected analytically in the integrand rather than during the integration process. (In a sense,

however, the similarity to elliptic integrals is only superficial since the elliptic integral formulations are actually integrations over π radians of each circular current loop. The fact that the upper limit of integration is only $\frac{1}{2} \pi$ is a consequence of a change of variables made after introducing the trigonometric identity $\frac{1}{2} \cos \theta = \frac{1}{2} - \sin^2 \frac{1}{2} \theta$.)

In constructing the tables, use was made of relations (5), (7) and (9). Therefore it was only necessary to find numerically stable expressions for the field components for positive values of z .

In order to define terms carefully, it is convenient to begin with a single current loop.

The magnetic vector potential for a single circular loop with center at $z = \zeta$, with radius ρ , and carrying a current j is given by

$$j \int_0^{2\pi} \frac{\rho \cos \theta}{R} d\theta = 2j\rho \int_0^{\pi} \frac{\cos \theta}{R} d\theta ,$$

where

$$R = [r^2 - 2r\rho \cos \theta + \rho^2 + (z - \zeta)^2]^{1/2}$$

is the distance between the observing point $(r, 0, z)$ and a point (ρ, θ, ζ) on the current path.

For a current sheet extending from $z = \zeta_1$ to $z = \zeta_2$ the vector potential is

$$A(r, z) = 2j\rho \int_{\zeta_1}^{\zeta_2} \int_0^{\pi} \frac{\cos \theta}{R} d\theta d\zeta ,$$

where j is the current density circulating around the sheet; that is, the

current crossing an element of length $d\zeta$ is $jd\zeta$. The order of integration may be interchanged provided ζ_1 and ζ_2 are both finite. Otherwise the integral of R^{-1} does not exist for any θ . Defining

$$p^2 = r^2 - 2rp \cos \theta + \rho^2$$

$$g(u, v) = u + \sqrt{u^2 + v^2}$$

then the result after carrying out the integration over ζ is

$$A(r, z) = 2j\rho \int_0^\pi \cos \theta \ln \left[\frac{g(\zeta_2 - z, p)}{g(\zeta_1 - z, p)} \right] d\theta .$$

Since it is true for any function F that

$$\int_0^\pi F(\cos \theta) d\theta = \int_0^{\frac{1}{2}\pi} [F(\cos \theta) + F(-\cos \theta)] d\theta ,$$

then with the additional definitions

$$p_-^2 = r^2 - 2rp \cos \theta + \rho^2$$

$$p_+^2 = r^2 + 2rp \cos \theta + \rho^2 ,$$

the vector potential is given by

$$A(r, z) = 2j\rho \int_0^{\frac{1}{2}\pi} \cos \theta \left\{ \ln \left[\frac{g(\zeta_2 - z, p_-)}{g(\zeta_2 - z, p_+)} \right] - \ln \left[\frac{g(\zeta_1 - z, p_-)}{g(\zeta_1 - z, p_+)} \right] \right\} d\theta .$$

In the last step the additive property of the logarithm function was used to regroup the g -functions.

In this form, it is permissible to allow ζ_1 to approach $-\infty$. The

limiting value of the second logarithmic term is readily obtained after dividing numerator and denominator by the nonnegative quantity $z - \zeta_1$. Thus

$$\begin{aligned} \lim_{\zeta_1 \rightarrow -\infty} \ln \left\{ \frac{-1 + \left[1 + p_-^2 / (\zeta_1 - z)^2 \right]^{\frac{1}{2}}}{-1 + \left[1 + p_+^2 / (\zeta_1 - z)^2 \right]^{\frac{1}{2}}} \right\} \\ = \lim_{\zeta_1 \rightarrow -\infty} \ln \left\{ \frac{-1 + \left[1 + \frac{1}{2} p_-^2 / (\zeta_1 - z)^2 - \dots \right]}{-1 + \left[1 + \frac{1}{2} p_+^2 / (\zeta_1 - z)^2 - \dots \right]} \right\} \\ = \ln \frac{p_-^2}{p_+^2} . \end{aligned}$$

Setting $\zeta_2 = 0$ and allowing ζ_1 to approach $-\infty$, one obtains the vector potential for the semi-infinite current sheet. It is given by

$$A(r, z) = 2j\rho \int_0^{\frac{1}{2}\pi} \cos \theta \ln \left[\frac{g(-z, p_-)}{g(-z, p_+)} \cdot \frac{p_+^2}{p_-^2} \right] d\theta .$$

But

$$\begin{aligned} \frac{g(-z, p)}{p^2} &= \left[\frac{-z + \sqrt{z^2 + p^2}}{p^2} \right] \left[\frac{z + \sqrt{z^2 + p^2}}{z + \sqrt{z^2 + p^2}} \right] \\ (15) \qquad &= \frac{1}{g(z, p)} . \end{aligned}$$

Hence

$$A(r, z) = 2j\rho \int_0^{\frac{1}{2}\pi} \cos \theta \ln \left[\frac{g(z, p_+)}{g(z, p_-)} \right] d\theta$$

or

$$(16) \quad A(r, z) = 2j\rho \int_0^{\frac{1}{2}\pi} \cos \theta \ln \left[\frac{z + q_+}{z + q_-} \right] d\theta ,$$

where

$$(17) \quad q_- = \sqrt{z^2 + r^2 - 2rp \cos \theta + \rho^2}$$

$$q_+ = \sqrt{z^2 + r^2 + 2rp \cos \theta + \rho^2} .$$

Note that the integrand in (16) is well-behaved for $z \geq 0$ and moreover is nonnegative. The near singularity which occurs at $\theta = 0$ when z is small and $|r - \rho|$ is small, is, in fact, easily handled in the numerical integration. This point is discussed later.

As a consequence of (15)

$$\ln \left(\frac{-z + q_+}{-z + q_-} \right) = -\ln \left(\frac{z + q_+}{z + q_-} \right) + 2 \ln \frac{p_+}{p_-} .$$

With this and (16) the symmetry property (4) follows immediately.

To obtain the behavior of A as r tends to zero, expand q_+ and q_- in a series

$$q_{\pm} = \sqrt{z^2 + \rho^2} \left(1 \pm \frac{2rp \cos \theta - r^2}{z^2 + \rho^2} \right)^{\frac{1}{2}}$$

$$q_{\pm} = \sqrt{z^2 + \rho^2} \left(1 \pm \frac{r\rho \cos \theta}{z^2 + \rho^2} - O(r^2) \right)$$

$$= \sqrt{z^2 + \rho^2} \pm \frac{r\rho \cos \theta}{\sqrt{z^2 + \rho^2}} - O(r^2).$$

Hence, one may write for sufficiently small values of r

$$\ln \frac{z + q_+}{z + q_-} = \ln \left[\frac{1 + \frac{r\rho \cos \theta}{\sqrt{z^2 + \rho^2} \left(z + \sqrt{z^2 + \rho^2} \right)} + O(r^2)}{1 - \frac{r\rho \cos \theta}{\sqrt{z^2 + \rho^2} \left(z + \sqrt{z^2 + \rho^2} \right)} + O(r^2)} \right].$$

Finally, using the power series expansion for the logarithm this yields

$$\ln \frac{z + q_+}{z + q_-} = \frac{2r \cos \theta}{\sqrt{z^2 + \rho^2}} \frac{1}{\left(z + \sqrt{z^2 + \rho^2} \right)} \left(\frac{\sqrt{z^2 + \rho^2} - z}{\sqrt{z^2 + \rho^2} - z} \right) + O(r^2)$$

$$= \frac{2r \cos \theta}{\sqrt{z^2 + \rho^2}} \cdot \frac{\sqrt{z^2 + \rho^2} - z}{\rho^2} + O(r^2)$$

$$= \frac{2r \cos \theta}{\rho^2} \left[1 - \frac{z}{\sqrt{z^2 + \rho^2}} \right] + O(r^2).$$

Multiplying by $2j\rho \cos \theta$ and then integrating over θ , one then obtains (10).

According to relations (1) and (2), formal expressions for H_r and H_z may be obtained by differentiating equation (16). Furthermore, since the integrand in (16) is continuous and has continuous derivatives with respect to r and with respect to z for all θ , the required differentiations may be performed under the integral sign.

Since

$$\frac{d}{dz} \ln (z + q_{\pm}) = q_{\pm}^{-1} ,$$

the expression for H_r is

$$\begin{aligned} H_r(r, z) &= 2j\rho \int_0^{\frac{1}{2}\pi} \left(\frac{1}{q_-} - \frac{1}{q_+} \right) \cos \theta \, d\theta \\ (18) \qquad &= 2j\rho \int_0^{\frac{1}{2}\pi} \left(\frac{q_+ - q_-}{q_+ q_-} \right) \left(\frac{q_+ + q_-}{q_+ + q_-} \right) \cos \theta \, d\theta . \end{aligned}$$

From the definitions of q_+ and q_- in (17), it follows that

$$(19) \qquad q_+^2 - q_-^2 = 4r\rho \cos \theta$$

$$(20) \qquad q_+^2 + q_-^2 = 2(z^2 + r^2 + \rho^2) .$$

Substituting (19) into the integrand in equation (18) yields

$$(21) \qquad H_r(r, z) = 8j\rho^2 \int_0^{\frac{1}{2}\pi} \frac{\cos^2 \theta \, d\theta}{q_+ q_- (q_+ + q_-)} .$$

The integrand is nonnegative for all θ over the range of integration.

In a similar fashion it follows from (2) and (16) that

$$(22) \quad H_z(r, z) = 2j\rho \int_0^{\frac{1}{2}\pi} (\cos \theta) \left[\frac{1}{r} \ln \left(\frac{z+q_+}{z+q_-} \right) + \frac{\partial}{\partial r} \ln \left(\frac{z+q_+}{z+q_-} \right) \right] d\theta.$$

When the derivative of the logarithm is expanded and equations (19) and (20) are substituted into the resulting expression, the remaining terms may be combined into the form

$$(23) \quad \frac{\partial}{\partial r} \ln \left(\frac{z+q_+}{z+q_-} \right) = \frac{2 \cos \theta}{(z+q_+)(z+q_-)(q_++q_-)} \left[\frac{z^2 + \rho^2 - r^2}{q_+q_-} (z + q_+ + q_-) + z \right].$$

Construction of the tables

The calculations were performed by the ORACLE, which is the high-speed digital computer at Oak Ridge National Laboratory. The tables were reproduced photographically from the original output of the computer. Hence they are not subject to typesetting or proofreading errors. Nevertheless, there is a small possibility of mechanical errors in the typewriters.

For positive values of z , the integrals in (16), (21), and (22) were used to compute A , H_r , and H_z . Entries for negative z were obtained by applying either relation (5), (7), or (9) and then performing the

required integration for positive z .

The integrals themselves were evaluated using the sixteen-point Gaussian quadrature formula [3]. The arithmetic was performed in normalized floating binary point, carrying 32 binary places for the mantissa of each quantity (including the sign) and eight binary places for the exponent and its sign. The tabulated values are rounded correctly to the nearest decimal digit.

When $r = \rho$ and $z = 0$, all the integrals become improper. This is not surprising since then the observation point lies on the end of the current sheet. For this reason, in constructing Part III of the tables, where the points (r, z) are all close to $(1, 0)$, the integration procedure had to be modified. The range of integration was broken up into four parts

$$\int_0^{\frac{1}{2}\pi} = \int_0^{2^{-9}} + \int_{2^{-9}}^{2^{-5}} + \int_{2^{-5}}^{2^{-2}} + \int_{2^{-2}}^{\frac{1}{2}\pi}$$

each of which was evaluated by the sixteen-point Gaussian formula. This division was determined experimentally to meet the requirements that (a) the result of each of the separate integrations must not change in the eighth digit when it was in turn broken up into two integrals over intervals of equal length; e.g.

$$\int_0^{2^{-9}} = \int_0^{2^{-10}} + \int_{2^{-10}}^{2^{-9}};$$

and (b) the computed field value rounded to eight digits must not change

when the four integrals are replaced in this fashion by eight integrals. To meet these requirements it was found to be desirable to compute q_- in the form

$$q_- = \left[z^2 + (r - \rho)^2 + 4r\rho \sin^2 \frac{1}{2} \theta \right]^{\frac{1}{2}}.$$

How to Use the Tables

The magnetic field due to a current sheet extending from $z = \xi_1$ to $z = \xi_2$ can be obtained by subtracting the fields of two semi-infinite current sheets, one extending from $-\infty$ to ξ_2 and the other from $-\infty$ to ξ_1 . The distances from the end planes of these two current sheets to any observation point (r, z) are $z - \xi_2$ and $z - \xi_1$, respectively. Let $A^{(f)}$ be the vector potential for this finite sheet. Then

$$A^{(f)}(r, z) = A(r, z - \xi_2) - A(r, z - \xi_1).$$

Similar relations hold for the components of the magnetic field intensity.

Since the tables describe the field of a current sheet with unit radius and current density $1/(2\pi)$, a transformation of coordinates and appropriate conversion factors are necessary when using the tables. Both of these are combined in the relations given below.

Figure 1

For a finite current sheet extending from ζ_1 to ζ_2 and having radius ρ , let

$$(24) \quad r' = \frac{r}{\rho}, \quad z'_1 = \frac{z - \zeta_1}{\rho}, \quad z'_2 = \frac{z - \zeta_2}{\rho}.$$

If j is the current density in this sheet, in abamperes per centimeter or in amperes per meter, then the field quantities can be obtained from the tables by applying the following relations:

$$(25) \quad \begin{aligned} H_r^{(f)}(r, z) &= 2\pi j \cdot \left[H_r^{\text{tbl}}(r', z'_2) - H_r^{\text{tbl}}(r', z'_1) \right] \\ H_z^{(f)}(r, z) &= 2\pi j \cdot \left[H_z^{\text{tbl}}(r', z'_2) - H_z^{\text{tbl}}(r', z'_1) \right] \\ A^{(f)}(r, z) &= 2\pi j \rho \left[A^{\text{tbl}}(r', z'_2) - A^{\text{tbl}}(r', z'_1) \right] \\ rA^{(f)}(r, z) &= 2\pi j \rho^2 \cdot \left[r'A^{\text{tbl}}(r', z'_2) - r'A^{\text{tbl}}(r', z'_1) \right]. \end{aligned}$$

The superscript on the left refers to a finite current sheet. The superscripts on the right denote that the functions are to be evaluated from the tables. See page viii for units of measurement.

For example, suppose the current sheet shown in figure 1 has the dimensions

$$\rho = 30 \text{ cm}, \quad \zeta_1 = 17 \text{ cm}, \quad \zeta_2 = 62 \text{ cm},$$

and has a current density

$$j = 2850 \text{ amp/cm} = 285 \text{ abamp/cm}.$$

What is the z-component of the magnetic field intensity at the point $(r, z) = (48 \text{ cm}, 101 \text{ cm})$? Applying equations (24)

$$r' = 1.6, \quad z'_1 = 2.8, \quad z'_2 = 1.3 \quad .$$

On page 79 of the tables one finds the values

$$H_z^{\text{tbl}}(1.6, 2.8) = .040535, \quad H_z^{\text{tbl}}(1.6, 1.3) = .079656 \quad .$$

Substituting into the second relation in (25) yields

$$\begin{aligned} H_z^{(f)}(48, 101) &= 2\pi(285) [.079656 - .040535] \\ &= 70.054 \text{ oersteds.} \end{aligned}$$

Interpolation in a two-way array is not simple. One method is to interpolate two or more times in one direction to obtain new values which can then be used for a final interpolation in the other direction. This is probably the simplest method and very likely is as good as any other method.

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8/17/59

TABLE I

$r = 0(0.5) 29.5$

$z = -25.0(0.5) 24.5$

		$H_r(r, z)$														
r	z	.0	.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
-25.0	.000000	.000016	.000032	.000048	.000063	.000079	.000094	.000109	.000123	.000137	.000151	.000164	.000176	.000188	.000200	.000211
	.000000	.000017	.000034	.000051	.000067	.000083	.000100	.000115	.000130	.000145	.000160	.000173	.000187	.000199	.000211	.000224
	.000000	.000018	.000036	.000054	.000071	.000089	.000106	.000122	.000139	.000154	.000169	.000184	.000198	.000211	.000224	.000237
	.000000	.000019	.000038	.000057	.000076	.000094	.000113	.000130	.000147	.000164	.000180	.000195	.000210	.000224	.000237	.000251
	.000000	.000020	.000041	.000061	.000081	.000101	.000120	.000139	.000157	.000174	.000191	.000207	.000223	.000237	.000251	.000267
-22.5	.000000	.000022	.000044	.000065	.000087	.000107	.000128	.000148	.000167	.000186	.000204	.000221	.000237	.000252	.000269	.000284
	.000000	.000023	.000047	.000070	.000092	.000115	.000137	.000158	.000178	.000198	.000217	.000235	.000252	.000269	.000286	.000302
	.000000	.000025	.000050	.000075	.000099	.000123	.000146	.000169	.000191	.000212	.000232	.000251	.000269	.000286	.000305	.000322
	.000000	.000027	.000054	.000080	.000106	.000132	.000157	.000181	.000204	.000226	.000248	.000268	.000287	.000305	.000326	.000343
	.000000	.000029	.000058	.000086	.000114	.000141	.000168	.000194	.000219	.000243	.000265	.000287	.000307	.000326	.000348	.000367
-20.0	.000000	.000031	.000062	.000093	.000123	.000152	.000181	.000208	.000235	.000260	.000284	.000307	.000329	.000348	.000367	.000392
	.000000	.000034	.000067	.000100	.000132	.000164	.000195	.000224	.000253	.000280	.000305	.000330	.000352	.000373	.000392	.000420
	.000000	.000036	.000072	.000108	.000143	.000177	.000210	.000242	.000272	.000301	.000328	.000354	.000378	.000400	.000420	.000451
	.000000	.000039	.000078	.000117	.000155	.000191	.000227	.000261	.000294	.000325	.000354	.000381	.000406	.000430	.000451	.000484
	.000000	.000043	.000085	.000127	.000168	.000207	.000246	.000283	.000318	.000351	.000382	.000411	.000438	.000462	.000484	.000521
-17.5	.000000	.000046	.000092	.000138	.000182	.000225	.000267	.000306	.000344	.000380	.000413	.000444	.000472	.000498	.000521	.000561
	.000000	.000051	.000101	.000150	.000198	.000245	.000290	.000333	.000374	.000412	.000447	.000480	.000510	.000537	.000561	.000606
	.000000	.000055	.000110	.000164	.000217	.000268	.000316	.000363	.000407	.000448	.000486	.000520	.000552	.000580	.000606	.000655
	.000000	.000061	.000121	.000180	.000237	.000293	.000346	.000396	.000444	.000488	.000528	.000565	.000599	.000628	.000655	.000709
	.000000	.000067	.000133	.000197	.000260	.000321	.000379	.000434	.000485	.000532	.000576	.000615	.000650	.000682	.000709	.000768
-15.0	.000000	.000073	.000146	.000218	.000287	.000353	.000417	.000476	.000532	.000583	.000629	.000671	.000708	.000741	.000768	.000835
	.000000	.000081	.000162	.000240	.000317	.000390	.000459	.000524	.000584	.000639	.000689	.000733	.000772	.000806	.000835	.000909
	.000000	.000090	.000179	.000267	.000351	.000432	.000508	.000578	.000644	.000703	.000757	.000804	.000845	.000879	.000909	.000991
	.000000	.000101	.000200	.000297	.000390	.000479	.000563	.000641	.000712	.000776	.000833	.000883	.000925	.000961	.000991	.001082
	.000000	.000113	.000224	.000332	.000436	.000534	.000627	.000712	.000789	.000858	.000919	.000972	.001016	.001053	.001082	.001184
-12.5	.000000	.000126	.000251	.000372	.000489	.000598	.000700	.000794	.000878	.000953	.001018	.001073	.001119	.001156	.001184	.001298
	.000000	.000143	.000283	.000420	.000550	.000672	.000785	.000888	.000980	.001061	.001130	.001188	.001235	.001271	.001298	.001426
	.000000	.000162	.000321	.000476	.000622	.000759	.000885	.000998	.001098	.001185	.001258	.001318	.001366	.001401	.001426	.001570
	.000000	.000185	.000367	.000542	.000707	.000861	.001001	.001126	.001236	.001329	.001406	.001467	.001515	.001548	.001570	.001732
	.000000	.000212	.000420	.000620	.000809	.000982	.001139	.001277	.001396	.001495	.001576	.001638	.001684	.001715	.001732	.001913
-10.0	.000000	.000245	.000485	.000715	.000930	.001127	.001302	.001455	.001584	.001690	.001773	.001835	.001878	.001903	.001913	.002117
	.000000	.000286	.000564	.000830	.001077	.001300	.001497	.001666	.001805	.001917	.002002	.002061	.002099	.002116	.002117	.002347
	.000000	.000335	.000661	.000970	.001255	.001510	.001731	.001918	.002068	.002184	.002268	.002323	.002352	.002359	.002347	.002605
	.000000	.000397	.000782	.001144	.001475	.001767	.002016	.002221	.002381	.002500	.002580	.002626	.002642	.002634	.002605	.002896
	.000000	.000474	.000933	.001361	.001747	.002083	.002364	.002587	.002756	.002874	.002945	.002977	.002975	.002946	.002896	.003222
- 7.5	.000000	.000573	.001125	.001636	.002090	.002478	.002792	.003035	.003208	.003319	.003375	.003385	.003358	.003301	.003222	.003587
	.000000	.000702	.001374	.001989	.002527	.002974	.003326	.003584	.003756	.003851	.003881	.003859	.003796	.003703	.003587	.003993
	.000000	.000872	.001700	.002449	.003089	.003607	.003996	.004264	.004423	.004489	.004479	.004411	.004299	.004156	.003993	.004444
	.000000	.001100	.002137	.003058	.003826	.004422	.004847	.005112	.005240	.005255	.005185	.005050	.004872	.004666	.004444	.004939
	.000000	.001415	.002735	.003883	.004807	.005489	.005936	.006175	.006242	.006177	.006016	.005789	.005523	.005235	.004939	.005479
- 5.0	.000000	.001860	.003573	.005022	.006137	.006903	.007346	.007516	.007476	.007284	.006991	.006638	.006256	.005864	.005479	.006058
	.000000	.002510	.004782	.006634	.007976	.008805	.009186	.009216	.008993	.008608	.008128	.007605	.007072	.006553	.006058	.006669
	.000000	.003495	.006585	.008983	.010572	.011399	.011607	.011371	.010853	.010178	.009438	.008690	.007968	.007292	.006669	.007301
	.000000	.005053	.009382	.012512	.014323	.014984	.014804	.014095	.013109	.012016	.010923	.009885	.008931	.008070	.007301	.007935
	.000000	.007652	.013922	.018005	.019862	.019986	.019018	.017502	.015800	.014120	.012562	.011166	.009937	.008865	.007935	.008547
- 2.5	.000000	.012274	.021705	.026896	.028216	.026984	.024508	.021665	.018915	.016445	.014307	.012487	.010948	.009648	.008547	.009111
	.000000	.021145	.035934	.041901	.040989	.036661	.031445	.026544	.022348	.018887	.016070	.013781	.011914	.010380	.009111	.009594
	.000000	.039725	.064025	.068300	.060435	.049508	.039676	.031853	.025847	.021255	.017717	.014955	.012770	.011018	.009594	.009967
	.000000	.081977	.125152	.116224	.088496	.064875	.048295	.036925	.028983	.023284	.019080	.015903	.013448	.011515	.009967	.010203
	.000000	.176991	.281828	.200050	.121500	.079153	.055285	.040712	.031204	.024669	.019988	.016522	.013885	.011832	.010203	

		$H_r(r,z)$														
r	z	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5
-25.0		.000210 .000222 .000235 .000249 .000264	.000221 .000233 .000247 .000261 .000276	.000230 .000243 .000257 .000272 .000288	.000239 .000253 .000267 .000282 .000298	.000248 .000261 .000276 .000291 .000308	.000256 .000269 .000284 .000300 .000316	.000263 .000277 .000292 .000307 .000324	.000269 .000283 .000298 .000314 .000331	.000276 .000290 .000305 .000321 .000338	.000281 .000295 .000310 .000326 .000343	.000286 .000300 .000315 .000331 .000348	.000290 .000304 .000319 .000335 .000352	.000294 .000308 .000323 .000339 .000355	.000297 .000311 .000326 .000342 .000358	.000300 .000314 .000328 .000344 .000360
-22.5		.000280 .000298 .000317 .000337 .000360	.000293 .000311 .000331 .000352 .000374	.000305 .000323 .000343 .000365 .000388	.000316 .000334 .000355 .000376 .000400	.000325 .000344 .000365 .000387 .000411	.000334 .000354 .000374 .000397 .000420	.000342 .000362 .000383 .000405 .000429	.000349 .000369 .000390 .000412 .000436	.000356 .000375 .000396 .000418 .000442	.000361 .000381 .000401 .000423 .000447	.000366 .000385 .000406 .000427 .000451	.000370 .000389 .000409 .000431 .000454	.000373 .000392 .000412 .000433 .000456	.000376 .000394 .000414 .000435 .000457	.000378 .000396 .000415 .000436 .000457
-20.0		.000384 .000410 .000439 .000470 .000504	.000399 .000426 .000455 .000487 .000522	.000413 .000440 .000470 .000502 .000537	.000426 .000453 .000483 .000515 .000551	.000437 .000464 .000494 .000527 .000562	.000446 .000474 .000504 .000536 .000571	.000455 .000482 .000512 .000544 .000579	.000462 .000489 .000519 .000550 .000585	.000467 .000495 .000524 .000555 .000589	.000472 .000499 .000528 .000558 .000591	.000476 .000502 .000530 .000561 .000593	.000478 .000504 .000532 .000561 .000593	.000480 .000505 .000532 .000561 .000592	.000480 .000505 .000532 .000560 .000589	.000480 .000505 .000530 .000557 .000586
-17.5		.000542 .000583 .000628 .000677 .000732	.000560 .000601 .000647 .000696 .000751	.000575 .000617 .000663 .000712 .000767	.000589 .000630 .000676 .000725 .000779	.000600 .000641 .000686 .000735 .000788	.000609 .000650 .000694 .000742 .000794	.000616 .000656 .000700 .000747 .000798	.000621 .000661 .000704 .000750 .000799	.000625 .000664 .000705 .000748 .000798	.000627 .000665 .000705 .000748 .000795	.000627 .000664 .000703 .000741 .000790	.000626 .000662 .000703 .000741 .000784	.000624 .000659 .000695 .000735 .000776	.000621 .000654 .000690 .000727 .000767	.000617 .000649 .000683 .000719 .000757
-15.0		.000792 .000858 .000932 .001014 .001104	.000811 .000877 .000950 .001031 .001120	.000826 .000892 .000964 .001043 .001130	.000838 .000902 .000973 .001050 .001134	.000846 .000909 .000978 .001053 .001134	.000851 .000912 .000979 .001051 .001130	.000853 .000913 .000977 .001047 .001122	.000852 .000910 .000972 .001039 .001111	.000850 .000898 .000965 .001029 .001097	.000845 .000898 .000955 .001016 .001081	.000838 .000889 .000944 .001002 .001064	.000830 .000879 .000931 .000986 .001044	.000820 .000867 .000916 .000968 .001024	.000809 .000854 .000901 .000950 .001002	.000797 .000840 .000884 .000931 .000980
-12.5		.001205 .001317 .001442 .001581 .001736	.001218 .001328 .001448 .001582 .001731	.001226 .001331 .001447 .001575 .001717	.001227 .001328 .001440 .001562 .001695	.001223 .001320 .001426 .001542 .001668	.001215 .001308 .001408 .001517 .001635	.001203 .001291 .001387 .001489 .001599	.001188 .001272 .001361 .001458 .001560	.001171 .001250 .001334 .001424 .001520	.001151 .001225 .001304 .001388 .001477	.001129 .001199 .001273 .001352 .001434	.001106 .001172 .001241 .001314 .001391	.001082 .001144 .001209 .001277 .001348	.001057 .001115 .001176 .001239 .001305	.001032 .001086 .001143 .001201 .001262
-10.0		.001910 .002104 .002320 .002561 .002829	.001896 .002078 .002280 .002504 .002750	.001872 .002043 .002231 .002437 .002662	.001841 .002001 .002175 .002364 .002569	.001804 .001953 .002113 .002287 .002473	.001763 .001900 .002048 .002206 .002375	.001718 .001845 .001981 .002125 .002278	.001670 .001788 .001912 .002044 .002183	.001622 .001729 .001844 .001963 .002089	.001572 .001671 .001775 .001885 .001998	.001522 .001613 .001708 .001808 .001911	.001472 .001555 .001643 .001733 .001826	.001422 .001499 .001579 .001662 .001746	.001373 .001444 .001517 .001592 .001669	.001326 .001391 .001458 .001526 .001596
- 7.5		.003127 .003456 .003819 .004216 .004646	.003021 .003317 .003639 .003988 .004361	.002907 .003173 .003459 .003765 .004088	.002791 .003028 .003282 .003550 .003830	.002672 .002885 .003109 .003344 .003588	.002555 .002745 .002943 .003150 .003362	.002440 .002609 .002785 .002967 .003152	.002328 .002479 .002635 .002795 .002957	.002220 .002355 .002493 .002634 .002776	.002116 .002237 .002355 .002485 .002609	.002016 .002125 .002235 .002345 .002455	.001922 .002019 .002117 .002215 .002312	.001832 .001919 .002007 .002094 .002180	.001747 .001825 .001904 .001982 .002058	.001666 .001737 .001807 .001877 .001945
- 5.0		.005107 .005595 .006103 .006618 .007127	.004756 .005168 .005590 .006013 .006426	.004427 .004775 .005128 .005478 .005815	.004121 .004417 .004713 .005004 .005281	.003838 .004090 .004341 .004584 .004814	.003578 .003794 .004006 .004211 .004403	.003338 .003524 .003705 .003878 .004039	.003119 .003279 .003434 .003581 .003718	.002917 .003056 .003189 .003307 .003431	.002733 .002853 .002968 .003076 .003176	.002563 .002668 .002768 .002862 .002947	.002407 .002499 .002586 .002667 .002741	.002264 .002345 .002421 .002492 .002556	.002132 .002203 .002270 .002332 .002388	.002011 .002074 .002133 .002187 .002236
- 2.5		.007612 .008052 .008425 .008709 .008888	.006814 .007161 .007453 .007674 .007812	.006128 .006406 .006638 .006812 .006920	.005537 .005762 .005947 .006086 .006173	.005024 .005208 .005358 .005471 .005540	.004577 .004728 .004852 .004943 .005000	.004185 .004311 .004413 .004489 .004535	.003840 .003945 .004031 .004094 .004132	.003535 .003624 .003696 .003745 .003781	.003264 .003340 .003400 .003445 .003472	.003023 .003087 .003139 .003177 .003200	.002807 .002862 .002906 .002939 .002959	.002613 .002660 .002699 .002726 .002743	.002438 .002479 .002512 .002536 .002551	.002279 .002316 .002344 .002365 .002378

r	$H_F(r, z)$														
	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0
z															
-25.0	.000302	.000304	.000306	.000307	.000307	.000308	.000308	.000307	.000307	.000306	.000305	.000303	.000301	.000300	.000298
	.000316	.000318	.000319	.000320	.000320	.000320	.000320	.000319	.000318	.000317	.000316	.000314	.000312	.000310	.000308
	.000330	.000332	.000333	.000334	.000334	.000334	.000333	.000332	.000331	.000329	.000328	.000326	.000324	.000321	.000319
	.000346	.000347	.000348	.000348	.000348	.000348	.000347	.000345	.000344	.000342	.000340	.000338	.000335	.000332	.000330
	.000362	.000363	.000363	.000363	.000363	.000362	.000361	.000359	.000358	.000355	.000353	.000350	.000347	.000344	.000341
-22.5	.000379	.000380	.000380	.000379	.000379	.000377	.000376	.000374	.000372	.000369	.000366	.000363	.000360	.000356	.000353
	.000397	.000397	.000397	.000396	.000395	.000393	.000391	.000389	.000386	.000383	.000380	.000377	.000373	.000369	.000365
	.000416	.000416	.000415	.000414	.000412	.000410	.000408	.000405	.000402	.000398	.000395	.000391	.000387	.000382	.000378
	.000436	.000435	.000434	.000433	.000431	.000428	.000425	.000422	.000418	.000414	.000410	.000405	.000401	.000396	.000391
	.000457	.000456	.000454	.000452	.000450	.000446	.000443	.000439	.000435	.000430	.000425	.000420	.000415	.000410	.000404
-20.0	.000479	.000478	.000476	.000473	.000470	.000466	.000462	.000457	.000452	.000447	.000442	.000436	.000430	.000424	.000418
	.000503	.000501	.000498	.000494	.000490	.000486	.000481	.000476	.000470	.000465	.000459	.000452	.000446	.000439	.000433
	.000528	.000525	.000521	.000517	.000512	.000507	.000502	.000496	.000489	.000483	.000476	.000469	.000462	.000455	.000448
	.000554	.000551	.000546	.000541	.000535	.000529	.000523	.000516	.000509	.000502	.000494	.000487	.000479	.000471	.000463
	.000582	.000578	.000572	.000566	.000559	.000553	.000545	.000537	.000529	.000521	.000513	.000505	.000496	.000487	.000479
-17.5	.000612	.000606	.000599	.000592	.000585	.000577	.000568	.000560	.000551	.000542	.000532	.000523	.000514	.000504	.000495
	.000643	.000636	.000628	.000620	.000611	.000602	.000593	.000583	.000573	.000563	.000553	.000542	.000532	.000522	.000512
	.000676	.000667	.000658	.000649	.000639	.000628	.000618	.000607	.000596	.000585	.000573	.000562	.000551	.000540	.000529
	.000710	.000700	.000690	.000679	.000667	.000656	.000644	.000632	.000619	.000607	.000595	.000583	.000570	.000558	.000546
	.000746	.000735	.000723	.000710	.000697	.000684	.000671	.000658	.000644	.000630	.000617	.000604	.000590	.000577	.000564
-15.0	.000785	.000771	.000758	.000743	.000729	.000714	.000699	.000684	.000669	.000654	.000640	.000625	.000611	.000596	.000582
	.000825	.000810	.000794	.000778	.000761	.000745	.000728	.000712	.000695	.000679	.000663	.000647	.000632	.000616	.000601
	.000867	.000850	.000832	.000813	.000795	.000777	.000759	.000740	.000722	.000705	.000687	.000670	.000653	.000636	.000620
	.000912	.000891	.000871	.000851	.000830	.000810	.000790	.000770	.000750	.000731	.000712	.000693	.000675	.000657	.000640
	.000958	.000935	.000912	.000889	.000867	.000844	.000822	.000800	.000778	.000757	.000737	.000716	.000697	.000678	.000659
-12.5	.001006	.000981	.000955	.000929	.000904	.000879	.000855	.000831	.000807	.000784	.000762	.000740	.000719	.000699	.000679
	.001057	.001028	.000999	.000971	.000943	.000915	.000889	.000862	.000837	.000812	.000788	.000765	.000742	.000720	.000699
	.001110	.001077	.001045	.001013	.000983	.000952	.000923	.000895	.000867	.000840	.000814	.000789	.000765	.000742	.000719
	.001164	.001128	.001092	.001057	.001023	.000990	.000958	.000927	.000898	.000869	.000841	.000814	.000788	.000763	.000739
	.001221	.001180	.001141	.001102	.001065	.001029	.000994	.000961	.000929	.000897	.000868	.000839	.000811	.000785	.000759
-10.0	.001279	.001234	.001190	.001148	.001108	.001068	.001031	.000994	.000960	.000926	.000894	.000864	.000834	.000806	.000779
	.001339	.001289	.001241	.001195	.001151	.001108	.001067	.001028	.000991	.000955	.000921	.000889	.000858	.000828	.000799
	.001401	.001346	.001293	.001242	.001194	.001148	.001104	.001062	.001022	.000984	.000948	.000913	.000881	.000849	.000819
	.001463	.001403	.001345	.001290	.001238	.001188	.001141	.001096	.001054	.001013	.000975	.000938	.000903	.000870	.000839
	.001526	.001460	.001398	.001338	.001282	.001228	.001178	.001130	.001085	.001042	.001001	.000962	.000925	.000891	.000858
- 7.5	.001590	.001518	.001450	.001386	.001325	.001268	.001214	.001163	.001115	.001069	.001026	.000986	.000947	.000911	.000876
	.001654	.001576	.001502	.001433	.001368	.001307	.001250	.001196	.001145	.001097	.001051	.001009	.000968	.000930	.000894
	.001717	.001633	.001554	.001480	.001410	.001346	.001285	.001227	.001174	.001123	.001076	.001031	.000989	.000949	.000912
	.001779	.001689	.001604	.001525	.001452	.001383	.001318	.001258	.001202	.001149	.001099	.001052	.001008	.000967	.000928
	.001840	.001743	.001653	.001569	.001491	.001418	.001351	.001287	.001228	.001173	.001121	.001073	.001027	.000984	.000944
- 5.0	.001899	.001795	.001700	.001611	.001529	.001452	.001381	.001315	.001254	.001196	.001142	.001092	.001044	.001000	.000958
	.001955	.001845	.001744	.001651	.001564	.001484	.001410	.001341	.001277	.001217	.001162	.001109	.001061	.001015	.000972
	.002007	.001891	.001785	.001687	.001597	.001514	.001437	.001365	.001299	.001237	.001179	.001126	.001075	.001029	.000984
	.002055	.001934	.001823	.001721	.001627	.001541	.001461	.001387	.001319	.001255	.001196	.001140	.001089	.001041	.000996
	.002098	.001972	.001857	.001751	.001654	.001565	.001483	.001406	.001336	.001271	.001210	.001153	.001101	.001052	.001006
- 2.5	.002136	.002005	.001886	.001777	.001677	.001586	.001501	.001423	.001351	.001284	.001222	.001165	.001111	.001061	.001014
	.002167	.002033	.001911	.001799	.001697	.001603	.001517	.001437	.001364	.001296	.001233	.001174	.001119	.001069	.001021
	.002193	.002055	.001930	.001816	.001712	.001617	.001529	.001448	.001374	.001305	.001241	.001181	.001126	.001075	.001027
	.002211	.002071	.001945	.001829	.001723	.001627	.001538	.001456	.001381	.001311	.001246	.001187	.001131	.001079	.001031
	.002222	.002081	.001953	.001837	.001730	.001633	.001543	.001461	.001385	.001315	.001250	.001190	.001134	.001082	.001033

		$H_T(r,z)$														
r	z	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.5	29.0	29.5
-25.0		.000296	.000293	.000291	.000288	.000285	.000283	.000280	.000277	.000274	.000271	.000268	.000265	.000261	.000258	.000255
		.000305	.000303	.000300	.000297	.000294	.000291	.000288	.000285	.000282	.000278	.000275	.000272	.000268	.000265	.000262
		.000316	.000313	.000310	.000307	.000304	.000300	.000297	.000293	.000290	.000286	.000283	.000279	.000275	.000272	.000268
		.000326	.000323	.000320	.000316	.000313	.000309	.000306	.000302	.000298	.000294	.000290	.000287	.000283	.000279	.000275
		.000338	.000334	.000330	.000327	.000323	.000319	.000315	.000311	.000307	.000302	.000298	.000294	.000290	.000286	.000282
-22.5		.000349	.000345	.000341	.000337	.000333	.000328	.000324	.000320	.000315	.000311	.000306	.000302	.000298	.000293	.000289
		.000361	.000357	.000352	.000348	.000343	.000338	.000334	.000329	.000324	.000319	.000315	.000310	.000305	.000301	.000296
		.000373	.000368	.000363	.000359	.000354	.000349	.000343	.000338	.000333	.000328	.000323	.000318	.000313	.000308	.000303
		.000386	.000380	.000375	.000370	.000364	.000359	.000354	.000348	.000343	.000337	.000332	.000326	.000321	.000316	.000311
		.000399	.000393	.000387	.000381	.000376	.000370	.000364	.000358	.000352	.000346	.000341	.000335	.000329	.000324	.000318
-20.0		.000412	.000406	.000400	.000393	.000387	.000381	.000374	.000368	.000362	.000356	.000350	.000344	.000338	.000332	.000326
		.000426	.000419	.000412	.000406	.000399	.000392	.000385	.000379	.000372	.000365	.000359	.000352	.000346	.000340	.000334
		.000440	.000433	.000426	.000418	.000411	.000404	.000396	.000389	.000382	.000375	.000368	.000361	.000355	.000348	.000341
		.000455	.000447	.000439	.000431	.000423	.000415	.000408	.000400	.000392	.000385	.000378	.000370	.000363	.000356	.000349
		.000470	.000461	.000453	.000444	.000436	.000427	.000419	.000411	.000403	.000395	.000387	.000380	.000372	.000365	.000357
-17.5		.000486	.000476	.000467	.000458	.000449	.000440	.000431	.000422	.000414	.000405	.000397	.000389	.000381	.000373	.000365
		.000501	.000491	.000481	.000472	.000462	.000452	.000443	.000434	.000424	.000416	.000407	.000398	.000390	.000382	.000374
		.000518	.000507	.000496	.000486	.000475	.000465	.000455	.000445	.000435	.000426	.000417	.000408	.000399	.000390	.000382
		.000534	.000523	.000511	.000500	.000489	.000478	.000467	.000457	.000447	.000437	.000427	.000417	.000408	.000399	.000390
		.000551	.000539	.000527	.000514	.000503	.000491	.000480	.000469	.000458	.000447	.000437	.000427	.000417	.000408	.000399
-15.0		.000569	.000555	.000542	.000529	.000517	.000504	.000492	.000481	.000469	.000458	.000447	.000437	.000427	.000417	.000407
		.000586	.000572	.000558	.000544	.000531	.000518	.000505	.000493	.000481	.000469	.000458	.000447	.000436	.000425	.000415
		.000604	.000589	.000574	.000559	.000545	.000531	.000518	.000505	.000492	.000480	.000468	.000456	.000445	.000434	.000424
		.000623	.000606	.000590	.000575	.000560	.000545	.000531	.000517	.000504	.000491	.000478	.000466	.000454	.000443	.000432
		.000641	.000624	.000607	.000590	.000574	.000559	.000544	.000529	.000515	.000502	.000489	.000476	.000464	.000452	.000440
-12.5		.000660	.000641	.000623	.000606	.000589	.000572	.000557	.000541	.000527	.000513	.000499	.000486	.000473	.000460	.000449
		.000678	.000659	.000640	.000621	.000603	.000586	.000570	.000554	.000538	.000523	.000509	.000495	.000482	.000469	.000457
		.000697	.000676	.000656	.000637	.000618	.000600	.000583	.000566	.000550	.000534	.000519	.000505	.000491	.000478	.000465
		.000716	.000694	.000673	.000652	.000632	.000614	.000595	.000578	.000561	.000545	.000529	.000514	.000500	.000486	.000473
		.000735	.000712	.000689	.000668	.000647	.000627	.000608	.000590	.000572	.000555	.000539	.000524	.000509	.000494	.000480
-10.0		.000754	.000729	.000705	.000683	.000661	.000640	.000621	.000601	.000583	.000566	.000549	.000533	.000517	.000502	.000488
		.000772	.000746	.000722	.000698	.000675	.000654	.000633	.000613	.000594	.000576	.000558	.000542	.000526	.000510	.000496
		.000791	.000763	.000738	.000713	.000689	.000667	.000645	.000624	.000605	.000586	.000568	.000550	.000534	.000518	.000503
		.000809	.000780	.000753	.000727	.000703	.000679	.000657	.000635	.000615	.000595	.000577	.000559	.000542	.000526	.000510
		.000826	.000797	.000768	.000741	.000716	.000691	.000668	.000646	.000625	.000605	.000585	.000567	.000550	.000533	.000517
- 7.5		.000844	.000813	.000783	.000755	.000728	.000703	.000679	.000656	.000634	.000614	.000594	.000575	.000557	.000540	.000523
		.000860	.000828	.000797	.000768	.000741	.000715	.000690	.000666	.000644	.000622	.000602	.000583	.000564	.000546	.000529
		.000876	.000843	.000811	.000781	.000752	.000726	.000700	.000676	.000652	.000631	.000610	.000590	.000571	.000553	.000535
		.000891	.000857	.000824	.000793	.000764	.000736	.000710	.000685	.000661	.000638	.000617	.000596	.000577	.000558	.000541
		.000906	.000870	.000836	.000804	.000774	.000746	.000719	.000693	.000669	.000646	.000624	.000603	.000583	.000564	.000546
- 5.0		.000919	.000882	.000848	.000815	.000784	.000755	.000727	.000701	.000676	.000652	.000630	.000609	.000588	.000569	.000551
		.000932	.000894	.000858	.000825	.000793	.000763	.000735	.000708	.000683	.000659	.000636	.000614	.000593	.000574	.000555
		.000943	.000904	.000868	.000834	.000801	.000771	.000742	.000714	.000689	.000664	.000641	.000619	.000598	.000578	.000559
		.000953	.000914	.000877	.000842	.000809	.000777	.000748	.000720	.000694	.000669	.000646	.000623	.000602	.000582	.000563
		.000963	.000922	.000884	.000849	.000815	.000783	.000754	.000725	.000699	.000674	.000650	.000627	.000606	.000585	.000566
- 2.5		.000970	.000929	.000891	.000855	.000821	.000789	.000758	.000730	.000703	.000677	.000653	.000630	.000609	.000588	.000569
		.000977	.000935	.000896	.000860	.000825	.000793	.000762	.000734	.000706	.000681	.000656	.000633	.000611	.000591	.000571
		.000982	.000940	.000900	.000864	.000829	.000796	.000765	.000736	.000709	.000683	.000659	.000635	.000613	.000592	.000573
		.000985	.000943	.000904	.000866	.000831	.000799	.000768	.000738	.000711	.000685	.000660	.000637	.000615	.000594	.000574
		.000988	.000945	.000905	.000868	.000833	.000800	.000769	.000740	.000712	.000686	.000661	.000638	.000616	.000595	.000575

		$H_r(r, z)$														
r	z	.0	.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
.0	.0	.000000	.277933	∞	.274742	.138967	.085344	.058045	.042134	.032012	.025163	.020308	.016738	.014036	.011941	.010283
	.000000	.176991	.281828	.200050	.121500	.079153	.055285	.040712	.031204	.024669	.019988	.016522	.013885	.011832	.010203	
	.000000	.081977	.125152	.116224	.088496	.064875	.048295	.036925	.028983	.023284	.019080	.015903	.013448	.011515	.009967	
	.000000	.039725	.064025	.068300	.060435	.049508	.039676	.031853	.025847	.021255	.017717	.014955	.012770	.011018	.009594	
	.000000	.021145	.035934	.041901	.040989	.036661	.031445	.026544	.022348	.018887	.016070	.013781	.011914	.010380	.009111	
2.5	.000000	.012274	.021705	.026896	.028216	.026984	.024508	.021665	.018915	.016445	.014307	.012487	.010948	.009648	.008547	
	.000000	.007652	.013922	.018005	.019862	.019986	.019018	.017502	.015800	.014120	.012562	.011166	.009937	.008865	.007935	
	.000000	.005053	.009382	.012512	.014323	.014984	.014804	.014095	.013109	.012016	.010923	.009885	.008931	.008070	.007301	
	.000000	.003495	.006585	.008983	.010572	.011399	.011607	.011371	.010853	.010178	.009438	.008690	.007968	.007292	.006669	
	.000000	.002510	.004782	.006634	.007976	.008805	.009186	.009216	.008993	.008608	.008128	.007605	.007072	.006553	.006058	
5.0	.000000	.001850	.003573	.005022	.006137	.006903	.007346	.007516	.007476	.007284	.006991	.006638	.006256	.005864	.005479	
	.000000	.001415	.002735	.003883	.004807	.005489	.005936	.006175	.006242	.006177	.006016	.005789	.005523	.005235	.004939	
	.000000	.001100	.002137	.003058	.003826	.004422	.004847	.005112	.005240	.005255	.005185	.005050	.004872	.004666	.004444	
	.000000	.000872	.001700	.002449	.003089	.003607	.003996	.004264	.004423	.004489	.004479	.004411	.004299	.004156	.003993	
	.000000	.000702	.001374	.001989	.002527	.002974	.003326	.003584	.003756	.003851	.003881	.003859	.003796	.003703	.003587	
7.5	.000000	.000573	.001125	.001636	.002090	.002478	.002792	.003035	.003208	.003319	.003375	.003385	.003358	.003301	.003222	
	.000000	.000474	.000933	.001361	.001747	.002083	.002364	.002587	.002756	.002874	.002945	.002977	.002975	.002946	.002896	
	.000000	.000397	.000782	.001144	.001475	.001767	.002016	.002221	.002381	.002500	.002580	.002626	.002642	.002634	.002605	
	.000000	.000335	.000661	.000970	.001255	.001510	.001731	.001918	.002068	.002184	.002268	.002323	.002352	.002359	.002347	
	.000000	.000286	.000564	.000830	.001077	.001300	.001497	.001666	.001805	.001917	.002002	.002061	.002099	.002116	.002117	
10.0	.000000	.000245	.000485	.000715	.000930	.001127	.001302	.001455	.001584	.001690	.001773	.001835	.001878	.001903	.001913	
	.000000	.000212	.000420	.000620	.000809	.000982	.001139	.001277	.001396	.001495	.001576	.001638	.001684	.001715	.001732	
	.000000	.000185	.000367	.000542	.000707	.000861	.001001	.001126	.001236	.001329	.001406	.001467	.001515	.001548	.001570	
	.000000	.000162	.000321	.000476	.000622	.000759	.000885	.000998	.001098	.001185	.001258	.001318	.001366	.001401	.001426	
	.000000	.000143	.000283	.000420	.000550	.000672	.000785	.000888	.000980	.001061	.001130	.001188	.001235	.001271	.001298	
12.5	.000000	.000126	.000251	.000372	.000489	.000598	.000700	.000794	.000878	.000953	.001018	.001073	.001119	.001156	.001184	
	.000000	.000113	.000224	.000332	.000436	.000534	.000627	.000712	.000789	.000858	.000919	.000972	.001016	.001053	.001082	
	.000000	.000101	.000200	.000297	.000390	.000479	.000563	.000641	.000712	.000776	.000833	.000883	.000925	.000961	.000991	
	.000000	.000090	.000179	.000267	.000351	.000432	.000508	.000578	.000644	.000703	.000757	.000804	.000845	.000879	.000909	
	.000000	.000081	.000162	.000240	.000317	.000390	.000459	.000524	.000584	.000639	.000689	.000733	.000772	.000806	.000835	
15.0	.000000	.000073	.000146	.000218	.000287	.000353	.000417	.000476	.000532	.000583	.000629	.000671	.000708	.000741	.000768	
	.000000	.000067	.000133	.000197	.000260	.000321	.000379	.000434	.000485	.000532	.000576	.000615	.000650	.000682	.000709	
	.000000	.000061	.000121	.000180	.000237	.000293	.000346	.000396	.000444	.000488	.000528	.000565	.000599	.000628	.000655	
	.000000	.000055	.000110	.000164	.000217	.000268	.000316	.000363	.000407	.000448	.000486	.000520	.000552	.000580	.000606	
	.000000	.000051	.000101	.000150	.000198	.000245	.000290	.000333	.000374	.000412	.000447	.000480	.000510	.000537	.000561	
17.5	.000000	.000046	.000092	.000138	.000182	.000225	.000267	.000306	.000344	.000380	.000413	.000444	.000472	.000498	.000521	
	.000000	.000043	.000085	.000127	.000168	.000207	.000246	.000283	.000318	.000351	.000382	.000411	.000438	.000462	.000484	
	.000000	.000039	.000078	.000117	.000155	.000191	.000227	.000261	.000294	.000325	.000354	.000381	.000406	.000430	.000451	
	.000000	.000036	.000072	.000108	.000143	.000177	.000210	.000242	.000272	.000301	.000328	.000354	.000378	.000400	.000420	
	.000000	.000034	.000067	.000100	.000132	.000164	.000195	.000224	.000253	.000280	.000305	.000330	.000352	.000373	.000392	
20.0	.000000	.000031	.000062	.000093	.000123	.000152	.000181	.000208	.000235	.000260	.000284	.000307	.000329	.000348	.000367	
	.000000	.000029	.000058	.000086	.000114	.000141	.000168	.000194	.000219	.000243	.000265	.000287	.000307	.000326	.000343	
	.000000	.000027	.000054	.000080	.000106	.000132	.000157	.000181	.000204	.000226	.000248	.000268	.000287	.000305	.000322	
	.000000	.000025	.000050	.000075	.000099	.000123	.000146	.000169	.000191	.000212	.000232	.000251	.000269	.000286	.000302	
	.000000	.000023	.000047	.000070	.000092	.000115	.000137	.000158	.000178	.000198	.000217	.000235	.000252	.000269	.000284	
22.5	.000000	.000022	.000044	.000065	.000087	.000107	.000128	.000148	.000167	.000186	.000204	.000221	.000237	.000252	.000267	
	.000000	.000020	.000041	.000061	.000081	.000101	.000120	.000139	.000157	.000174	.000191	.000207	.000223	.000237	.000251	
	.000000	.000019	.000038	.000057	.000076	.000094	.000113	.000130	.000147	.000164	.000180	.000195	.000210	.000224	.000237	
	.000000	.000018	.000036	.000054	.000071	.000089	.000106	.000122	.000139	.000154	.000169	.000184	.000198	.000211	.000224	
	.000000	.000017	.000034	.000051	.000067	.000083	.000100	.000115	.000130	.000145	.000160	.000173	.000187	.000199	.000211

		$H_T(r,z)$														
r	z	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5
.0		.008949	.007859	.006957	.006202	.005563	.005019	.004551	.004145	.003791	.003481	.003208	.002965	.002749	.002556	.002382
		.008888	.007812	.006920	.006173	.005540	.005000	.004535	.004132	.003781	.003472	.003200	.002959	.002743	.002551	.002378
		.008709	.007674	.006812	.006086	.005471	.004943	.004489	.004094	.003748	.003445	.003177	.002939	.002726	.002536	.002365
		.008425	.007453	.006638	.005947	.005358	.004852	.004413	.004031	.003696	.003400	.003139	.002906	.002699	.002512	.002344
		.008052	.007161	.006406	.005762	.005208	.004728	.004311	.003945	.003624	.003340	.003087	.002862	.002660	.002479	.002316
2.5		.007612	.006814	.006128	.005537	.005024	.004577	.004185	.003840	.003535	.003264	.003023	.002807	.002613	.002438	.002279
		.007127	.006426	.005815	.005281	.004814	.004403	.004039	.003718	.003431	.003176	.002947	.002741	.002556	.002388	.002236
		.006618	.006013	.005478	.005004	.004584	.004211	.003878	.003581	.003315	.003076	.002862	.002667	.002492	.002332	.002187
		.006103	.005590	.005128	.004713	.004341	.004006	.003705	.003434	.003189	.002968	.002768	.002586	.002421	.002270	.002133
		.005595	.005168	.004775	.004417	.004090	.003794	.003524	.003279	.003056	.002853	.002668	.002499	.002345	.002203	.002074
5.0		.005107	.004756	.004427	.004121	.003838	.003578	.003338	.003119	.002917	.002733	.002563	.002407	.002264	.002132	.002011
		.004646	.004361	.004088	.003830	.003588	.003362	.003152	.002957	.002776	.002609	.002455	.002312	.002180	.002058	.001945
		.004216	.003988	.003765	.003550	.003344	.003150	.002967	.002795	.002634	.002485	.002345	.002215	.002094	.001982	.001877
		.003819	.003639	.003459	.003282	.003109	.002943	.002785	.002635	.002493	.002360	.002235	.002117	.002007	.001904	.001807
		.003456	.003317	.003173	.003028	.002885	.002745	.002609	.002479	.002355	.002237	.002125	.002019	.001919	.001825	.001737
7.5		.003127	.003021	.002907	.002791	.002672	.002555	.002440	.002328	.002220	.002116	.002016	.001922	.001832	.001747	.001666
		.002829	.002750	.002662	.002569	.002473	.002375	.002278	.002183	.002089	.001998	.001911	.001826	.001746	.001669	.001596
		.002561	.002504	.002437	.002364	.002287	.002206	.002125	.002044	.001963	.001885	.001808	.001733	.001662	.001592	.001526
		.002320	.002280	.002231	.002175	.002113	.002048	.001981	.001912	.001844	.001775	.001708	.001643	.001579	.001517	.001458
		.002104	.002078	.002043	.002001	.001953	.001900	.001845	.001788	.001729	.001671	.001613	.001555	.001499	.001444	.001391
10.0		.001910	.001896	.001872	.001841	.001804	.001763	.001718	.001670	.001622	.001572	.001522	.001472	.001422	.001373	.001326
		.001736	.001731	.001717	.001695	.001668	.001635	.001599	.001560	.001520	.001477	.001434	.001391	.001348	.001305	.001262
		.001581	.001582	.001575	.001562	.001542	.001517	.001489	.001458	.001424	.001388	.001352	.001314	.001277	.001239	.001201
		.001442	.001448	.001447	.001440	.001426	.001408	.001387	.001361	.001334	.001304	.001273	.001241	.001209	.001176	.001143
		.001317	.001328	.001331	.001328	.001320	.001308	.001291	.001272	.001250	.001225	.001199	.001172	.001144	.001115	.001086
12.5		.001205	.001218	.001226	.001227	.001223	.001215	.001203	.001188	.001171	.001151	.001129	.001106	.001082	.001057	.001032
		.001104	.001120	.001130	.001134	.001134	.001130	.001122	.001111	.001097	.001081	.001064	.001044	.001024	.001002	.000980
		.001014	.001031	.001043	.001050	.001053	.001051	.001047	.001039	.001029	.001016	.001002	.000986	.000968	.000950	.000931
		.000932	.000950	.000964	.000973	.000978	.000979	.000977	.000972	.000965	.000955	.000944	.000931	.000916	.000901	.000884
		.000858	.000877	.000892	.000902	.000909	.000912	.000913	.000910	.000905	.000898	.000889	.000879	.000867	.000854	.000840
15.0		.000792	.000811	.000826	.000838	.000846	.000851	.000853	.000852	.000850	.000845	.000838	.000830	.000820	.000809	.000797
		.000732	.000751	.000767	.000779	.000788	.000794	.000798	.000799	.000798	.000795	.000790	.000784	.000776	.000767	.000757
		.000677	.000696	.000712	.000725	.000735	.000742	.000747	.000750	.000750	.000748	.000745	.000741	.000735	.000727	.000719
		.000628	.000647	.000663	.000676	.000686	.000694	.000700	.000704	.000705	.000705	.000703	.000700	.000695	.000690	.000683
		.000583	.000601	.000617	.000630	.000641	.000650	.000656	.000661	.000664	.000665	.000664	.000662	.000662	.000659	.000654
17.5		.000542	.000560	.000575	.000589	.000600	.000609	.000616	.000621	.000625	.000627	.000627	.000626	.000624	.000621	.000617
		.000504	.000522	.000537	.000551	.000562	.000571	.000579	.000585	.000589	.000591	.000593	.000593	.000592	.000589	.000586
		.000470	.000487	.000502	.000515	.000527	.000536	.000544	.000550	.000555	.000558	.000561	.000561	.000561	.000560	.000557
		.000439	.000455	.000470	.000483	.000494	.000504	.000512	.000519	.000524	.000528	.000530	.000532	.000532	.000532	.000530
		.000410	.000426	.000440	.000453	.000464	.000474	.000482	.000489	.000495	.000499	.000502	.000504	.000505	.000505	.000505
20.0		.000384	.000399	.000413	.000426	.000437	.000446	.000455	.000462	.000467	.000472	.000476	.000478	.000480	.000480	.000480
		.000360	.000374	.000388	.000400	.000411	.000420	.000429	.000436	.000442	.000447	.000451	.000454	.000456	.000457	.000457
		.000337	.000352	.000365	.000376	.000387	.000397	.000405	.000412	.000418	.000423	.000427	.000431	.000433	.000435	.000436
		.000317	.000331	.000343	.000355	.000365	.000374	.000383	.000390	.000396	.000401	.000406	.000409	.000412	.000414	.000415
		.000298	.000311	.000323	.000334	.000344	.000354	.000362	.000369	.000375	.000381	.000385	.000389	.000392	.000394	.000396
22.5		.000280	.000293	.000305	.000316	.000325	.000334	.000342	.000349	.000356	.000361	.000366	.000370	.000373	.000376	.000378
		.000264	.000276	.000288	.000298	.000308	.000316	.000324	.000331	.000338	.000343	.000348	.000352	.000355	.000358	.000360
		.000249	.000261	.000272	.000282	.000291	.000300	.000307	.000314	.000321	.000326	.000331	.000335	.000339	.000342	.000344
		.000235	.000247	.000257	.000267	.000276	.000284	.000292	.000298	.000305	.000310	.000315	.000319	.000323	.000326	.000328
		.000222	.000233	.000243	.000253	.000261	.000269	.000277	.000283	.000290	.000295	.000300	.000304	.000308	.000311	.000314

		Hr(r,z)														
r	z	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0
.0		.002226	.002084	.001956	.001839	.001732	.001635	.001545	.001463	.001386	.001316	.001251	.001191	.001135	.001083	.001034
		.002222	.002081	.001953	.001837	.001730	.001633	.001543	.001461	.001385	.001315	.001250	.001190	.001134	.001082	.001033
		.002211	.002071	.001945	.001829	.001723	.001627	.001538	.001456	.001381	.001311	.001246	.001187	.001131	.001079	.001031
		.002193	.002055	.001930	.001816	.001712	.001617	.001529	.001448	.001374	.001305	.001241	.001181	.001126	.001075	.001027
		.002167	.002033	.001911	.001799	.001697	.001603	.001517	.001437	.001364	.001296	.001233	.001174	.001119	.001069	.001021
2.5		.002136	.002005	.001886	.001777	.001677	.001586	.001501	.001423	.001351	.001284	.001222	.001165	.001111	.001061	.001014
		.002098	.001972	.001857	.001751	.001654	.001565	.001483	.001406	.001336	.001271	.001210	.001153	.001101	.001052	.001006
		.002055	.001934	.001823	.001721	.001627	.001541	.001461	.001387	.001319	.001255	.001196	.001140	.001089	.001041	.000996
		.002007	.001891	.001785	.001687	.001597	.001514	.001437	.001365	.001299	.001237	.001179	.001126	.001075	.001029	.000984
		.001955	.001845	.001744	.001651	.001564	.001484	.001410	.001341	.001277	.001217	.001162	.001109	.001061	.001015	.000972
5.0		.001899	.001795	.001700	.001611	.001529	.001452	.001381	.001315	.001254	.001196	.001142	.001092	.001044	.001000	.000958
		.001840	.001743	.001653	.001569	.001491	.001418	.001351	.001287	.001228	.001173	.001121	.001073	.001027	.000984	.000944
		.001779	.001689	.001604	.001525	.001452	.001383	.001318	.001258	.001202	.001149	.001099	.001052	.001008	.000967	.000928
		.001717	.001633	.001554	.001480	.001410	.001346	.001285	.001227	.001174	.001123	.001076	.001031	.000989	.000949	.000912
		.001654	.001576	.001502	.001433	.001368	.001307	.001250	.001196	.001145	.001097	.001051	.001009	.000968	.000930	.000894
7.5		.001590	.001518	.001450	.001386	.001325	.001268	.001214	.001163	.001115	.001069	.001026	.000986	.000947	.000911	.000876
		.001526	.001460	.001398	.001338	.001282	.001228	.001178	.001130	.001085	.001042	.001001	.000962	.000925	.000891	.000858
		.001463	.001403	.001345	.001290	.001238	.001188	.001141	.001096	.001054	.001013	.000975	.000938	.000903	.000870	.000839
		.001401	.001346	.001293	.001242	.001194	.001148	.001104	.001062	.001022	.000984	.000948	.000913	.000881	.000849	.000819
		.001339	.001289	.001241	.001195	.001151	.001108	.001067	.001028	.000991	.000955	.000921	.000889	.000858	.000828	.000799
10.0		.001279	.001234	.001190	.001148	.001108	.001068	.001031	.000994	.000960	.000926	.000894	.000864	.000834	.000806	.000779
		.001221	.001180	.001141	.001102	.001065	.001029	.000994	.000961	.000929	.000897	.000868	.000839	.000811	.000785	.000759
		.001164	.001128	.001092	.001057	.001023	.000990	.000958	.000927	.000898	.000869	.000841	.000814	.000788	.000763	.000739
		.001110	.001077	.001045	.001013	.000983	.000952	.000923	.000895	.000867	.000840	.000814	.000789	.000765	.000742	.000719
		.001057	.001028	.000999	.000971	.000943	.000915	.000889	.000862	.000837	.000812	.000788	.000765	.000742	.000720	.000699
12.5		.001006	.000981	.000955	.000929	.000904	.000879	.000855	.000831	.000807	.000784	.000762	.000740	.000719	.000699	.000679
		.000958	.000935	.000912	.000889	.000867	.000844	.000822	.000800	.000778	.000757	.000737	.000716	.000697	.000678	.000659
		.000912	.000891	.000871	.000851	.000830	.000810	.000790	.000770	.000750	.000731	.000712	.000693	.000675	.000657	.000640
		.000867	.000850	.000832	.000813	.000795	.000777	.000759	.000740	.000722	.000705	.000687	.000670	.000653	.000636	.000620
		.000825	.000810	.000794	.000778	.000761	.000745	.000728	.000712	.000695	.000679	.000663	.000647	.000632	.000616	.000601
15.0		.000785	.000771	.000758	.000743	.000729	.000714	.000699	.000684	.000669	.000654	.000640	.000625	.000611	.000596	.000582
		.000746	.000735	.000723	.000710	.000697	.000684	.000671	.000658	.000644	.000630	.000617	.000604	.000590	.000577	.000564
		.000710	.000700	.000690	.000679	.000667	.000656	.000644	.000632	.000619	.000607	.000595	.000583	.000570	.000558	.000546
		.000676	.000667	.000658	.000649	.000639	.000628	.000618	.000607	.000596	.000585	.000573	.000562	.000551	.000540	.000529
		.000643	.000636	.000628	.000620	.000611	.000602	.000593	.000583	.000573	.000563	.000553	.000542	.000532	.000522	.000512
17.5		.000612	.000606	.000599	.000592	.000585	.000577	.000568	.000560	.000551	.000542	.000532	.000523	.000514	.000504	.000495
		.000582	.000578	.000572	.000566	.000559	.000553	.000545	.000537	.000529	.000521	.000513	.000505	.000496	.000487	.000479
		.000554	.000551	.000546	.000541	.000535	.000529	.000523	.000516	.000509	.000502	.000494	.000487	.000479	.000471	.000463
		.000528	.000525	.000521	.000517	.000512	.000507	.000502	.000496	.000489	.000483	.000476	.000469	.000462	.000455	.000448
		.000503	.000501	.000498	.000494	.000490	.000486	.000481	.000476	.000470	.000465	.000459	.000452	.000446	.000439	.000433
20.0		.000479	.000478	.000476	.000473	.000470	.000466	.000462	.000457	.000452	.000447	.000442	.000436	.000430	.000424	.000418
		.000457	.000456	.000454	.000452	.000450	.000446	.000443	.000439	.000435	.000430	.000425	.000420	.000415	.000410	.000404
		.000436	.000435	.000434	.000433	.000431	.000428	.000425	.000422	.000418	.000414	.000410	.000405	.000401	.000396	.000391
		.000416	.000416	.000415	.000414	.000412	.000410	.000408	.000405	.000402	.000398	.000395	.000391	.000387	.000382	.000378
		.000397	.000397	.000397	.000396	.000395	.000393	.000391	.000389	.000386	.000383	.000380	.000377	.000373	.000369	.000365
22.5		.000379	.000380	.000380	.000379	.000379	.000377	.000376	.000374	.000372	.000369	.000366	.000363	.000360	.000356	.000353
		.000362	.000363	.000363	.000363	.000363	.000362	.000361	.000359	.000358	.000355	.000353	.000350	.000347	.000344	.000341
		.000346	.000347	.000348	.000348	.000348	.000348	.000347	.000345	.000344	.000342	.000340	.000338	.000335	.000332	.000330
		.000330	.000332	.000333	.000334	.000334	.000334	.000333	.000332	.000331	.000329	.000328	.000326	.000324	.000321	.000319
		.000316	.000318	.000319	.000320	.000320	.000320	.000320	.000319	.000318	.000317	.000316	.000314	.000312	.000310	.000308

8

		$H_r(r, z)$															
r	z	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.5	29.0	29.5	
.0		.000988	.000946	.000906	.000869	.000834	.000800	.000769	.000740	.000712	.000686	.000661	.000638	.000616	.000595	.000575	
		.000988	.000945	.000905	.000868	.000833	.000800	.000769	.000740	.000712	.000686	.000661	.000638	.000616	.000595	.000575	
		.000985	.000943	.000904	.000866	.000831	.000799	.000768	.000738	.000711	.000685	.000660	.000637	.000615	.000594	.000574	
		.000982	.000940	.000900	.000864	.000829	.000796	.000765	.000736	.000709	.000683	.000659	.000635	.000613	.000592	.000573	
		.000977	.000935	.000896	.000860	.000825	.000793	.000762	.000734	.000706	.000681	.000656	.000633	.000611	.000591	.000571	
2.5		.000970	.000929	.000891	.000855	.000821	.000789	.000758	.000730	.000703	.000677	.000653	.000630	.000609	.000588	.000569	
		.000963	.000922	.000884	.000849	.000815	.000783	.000754	.000725	.000699	.000674	.000650	.000627	.000606	.000585	.000566	
		.000953	.000914	.000877	.000842	.000809	.000777	.000748	.000720	.000694	.000669	.000646	.000623	.000602	.000582	.000563	
		.000943	.000904	.000868	.000834	.000801	.000771	.000742	.000714	.000689	.000664	.000641	.000619	.000598	.000578	.000559	
		.000932	.000894	.000858	.000825	.000793	.000763	.000735	.000708	.000683	.000659	.000636	.000614	.000593	.000574	.000555	
5.0		.000919	.000882	.000848	.000815	.000784	.000755	.000727	.000701	.000676	.000652	.000630	.000609	.000588	.000569	.000551	
		.000906	.000870	.000836	.000804	.000774	.000746	.000719	.000693	.000669	.000646	.000624	.000603	.000583	.000564	.000546	
		.000891	.000857	.000824	.000793	.000764	.000736	.000710	.000685	.000661	.000638	.000617	.000596	.000577	.000558	.000541	
		.000876	.000843	.000811	.000781	.000752	.000726	.000700	.000676	.000652	.000631	.000610	.000590	.000571	.000553	.000535	
		.000860	.000828	.000797	.000768	.000741	.000715	.000690	.000666	.000644	.000622	.000602	.000583	.000564	.000546	.000529	
7.5		.000844	.000813	.000783	.000755	.000728	.000703	.000679	.000656	.000634	.000614	.000594	.000575	.000557	.000540	.000523	
		.000826	.000797	.000768	.000741	.000716	.000691	.000668	.000646	.000625	.000605	.000585	.000567	.000550	.000533	.000517	
		.000809	.000780	.000753	.000727	.000703	.000679	.000657	.000635	.000615	.000595	.000577	.000559	.000542	.000526	.000510	
		.000791	.000763	.000738	.000713	.000689	.000667	.000645	.000624	.000605	.000586	.000568	.000550	.000534	.000518	.000503	
		.000772	.000746	.000722	.000698	.000675	.000654	.000633	.000613	.000594	.000576	.000558	.000542	.000526	.000510	.000496	
10.0		.000754	.000729	.000705	.000683	.000661	.000640	.000621	.000601	.000583	.000566	.000549	.000533	.000517	.000502	.000488	
		.000735	.000712	.000689	.000668	.000647	.000627	.000608	.000590	.000572	.000555	.000539	.000524	.000509	.000494	.000480	
		.000716	.000694	.000673	.000652	.000632	.000614	.000595	.000578	.000561	.000545	.000529	.000514	.000500	.000486	.000473	
		.000697	.000676	.000656	.000637	.000618	.000600	.000583	.000566	.000550	.000534	.000519	.000505	.000491	.000478	.000465	
		.000678	.000659	.000640	.000621	.000603	.000586	.000570	.000554	.000538	.000523	.000509	.000495	.000482	.000469	.000457	
12.5		.000660	.000641	.000623	.000606	.000589	.000572	.000557	.000541	.000527	.000513	.000499	.000486	.000473	.000460	.000449	
		.000641	.000624	.000607	.000590	.000574	.000559	.000544	.000529	.000515	.000502	.000489	.000476	.000464	.000452	.000440	
		.000623	.000606	.000590	.000575	.000560	.000545	.000531	.000517	.000504	.000491	.000478	.000466	.000454	.000443	.000432	
		.000604	.000589	.000574	.000559	.000545	.000531	.000518	.000505	.000492	.000480	.000468	.000456	.000445	.000434	.000424	
		.000586	.000572	.000558	.000544	.000531	.000518	.000505	.000493	.000481	.000469	.000458	.000447	.000436	.000425	.000415	
15.0		.000569	.000555	.000542	.000529	.000517	.000504	.000492	.000481	.000469	.000458	.000447	.000437	.000427	.000417	.000407	
		.000551	.000539	.000527	.000514	.000503	.000491	.000480	.000469	.000458	.000447	.000437	.000427	.000417	.000408	.000399	
		.000534	.000523	.000511	.000500	.000489	.000478	.000467	.000457	.000447	.000437	.000427	.000417	.000408	.000399	.000390	
		.000518	.000507	.000496	.000486	.000475	.000465	.000455	.000445	.000435	.000426	.000417	.000408	.000399	.000390	.000382	
		.000501	.000491	.000481	.000472	.000462	.000452	.000443	.000434	.000424	.000416	.000407	.000398	.000390	.000382	.000374	
17.5		.000486	.000476	.000467	.000458	.000449	.000440	.000431	.000422	.000414	.000405	.000397	.000389	.000381	.000373	.000365	
		.000470	.000461	.000453	.000444	.000436	.000427	.000419	.000411	.000403	.000395	.000387	.000380	.000372	.000365	.000357	
		.000455	.000447	.000439	.000431	.000423	.000415	.000408	.000400	.000392	.000385	.000378	.000370	.000363	.000356	.000349	
		.000440	.000433	.000426	.000418	.000411	.000404	.000396	.000389	.000382	.000375	.000368	.000361	.000355	.000348	.000341	
		.000426	.000419	.000412	.000406	.000399	.000392	.000385	.000379	.000372	.000365	.000359	.000352	.000346	.000340	.000334	
20.0		.000412	.000406	.000400	.000393	.000387	.000381	.000374	.000368	.000362	.000356	.000350	.000344	.000338	.000332	.000326	
		.000399	.000393	.000387	.000381	.000376	.000370	.000364	.000358	.000352	.000346	.000341	.000335	.000329	.000324	.000318	
		.000386	.000380	.000375	.000370	.000364	.000359	.000354	.000348	.000343	.000337	.000332	.000326	.000321	.000316	.000311	
		.000373	.000368	.000363	.000359	.000354	.000349	.000343	.000338	.000333	.000328	.000323	.000318	.000313	.000308	.000303	
		.000361	.000357	.000352	.000348	.000343	.000338	.000334	.000329	.000324	.000319	.000315	.000310	.000305	.000301	.000296	
22.5		.000349	.000345	.000341	.000337	.000333	.000328	.000324	.000320	.000315	.000311	.000306	.000302	.000298	.000293	.000289	
		.000338	.000334	.000330	.000327	.000323	.000319	.000315	.000311	.000307	.000302	.000298	.000294	.000290	.000286	.000282	
		.000326	.000323	.000320	.000316	.000313	.000309	.000306	.000302	.000298	.000294	.000290	.000287	.000283	.000279	.000275	
		.000316	.000313	.000310	.000307	.000304	.000300	.000297	.000293	.000290	.000286	.000283	.000279	.000275	.000272	.000268	
		.000305	.000303	.000300	.000297	.000294	.000291	.000288	.000285	.000282	.000278	.000275	.000272	.000268	.000265	.000262	

$H_z(r, z)$

r	.0	.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
-25.0	1.999201	1.999201	.999203	-.000795	-.000791	-.000787	-.000782	-.000776	-.000769	-.000762	-.000754	-.000744	-.000735	-.000725	-.000714
	1.999168	1.999169	.999170	-.000827	-.000824	-.000819	-.000814	-.000807	-.000800	-.000792	-.000783	-.000773	-.000763	-.000751	-.000740
	1.999133	1.999134	.999135	-.000862	-.000858	-.000853	-.000847	-.000840	-.000832	-.000823	-.000814	-.000803	-.000792	-.000780	-.000767
	1.999096	1.999096	.999098	-.000899	-.000894	-.000889	-.000883	-.000875	-.000866	-.000857	-.000846	-.000835	-.000823	-.000810	-.000796
	1.999056	1.999057	.999059	-.000938	-.000933	-.000927	-.000920	-.000912	-.000903	-.000892	-.000881	-.000869	-.000855	-.000841	-.000827
-22.5	1.999014	1.999015	.999017	-.000980	-.000975	-.000968	-.000961	-.000952	-.000941	-.000930	-.000918	-.000904	-.000890	-.000875	-.000859
	1.998969	1.998969	.998972	-.001024	-.001019	-.001012	-.001003	-.000994	-.000983	-.000970	-.000957	-.000942	-.000927	-.000910	-.000893
	1.998920	1.998921	.998924	-.001072	-.001066	-.001058	-.001049	-.001039	-.001026	-.001013	-.000998	-.000982	-.000965	-.000948	-.000929
	1.998868	1.998869	.998872	-.001123	-.001117	-.001108	-.001098	-.001086	-.001073	-.001058	-.001042	-.001025	-.001007	-.000987	-.000967
	1.998812	1.998813	.998817	-.001178	-.001171	-.001162	-.001151	-.001138	-.001123	-.001107	-.001089	-.001070	-.001050	-.001029	-.001007
-20.0	1.998752	1.998754	.998757	-.001237	-.001229	-.001219	-.001207	-.001193	-.001177	-.001159	-.001140	-.001119	-.001097	-.001074	-.001050
	1.998688	1.998689	.998693	-.001301	-.001292	-.001281	-.001267	-.001252	-.001234	-.001214	-.001193	-.001171	-.001146	-.001121	-.001095
	1.998618	1.998619	.998624	-.001369	-.001360	-.001347	-.001332	-.001315	-.001296	-.001274	-.001251	-.001226	-.001199	-.001172	-.001143
	1.998542	1.998544	.998549	-.001444	-.001433	-.001419	-.001402	-.001383	-.001362	-.001338	-.001312	-.001285	-.001256	-.001225	-.001194
	1.998460	1.998462	.998467	-.001524	-.001512	-.001496	-.001478	-.001457	-.001433	-.001406	-.001378	-.001348	-.001316	-.001282	-.001248
-17.5	1.998371	1.998373	.998379	-.001611	-.001597	-.001580	-.001560	-.001536	-.001510	-.001480	-.001449	-.001415	-.001380	-.001343	-.001305
	1.998274	1.998277	.998283	-.001706	-.001691	-.001671	-.001648	-.001622	-.001592	-.001560	-.001525	-.001487	-.001448	-.001408	-.001366
	1.998168	1.998171	.998178	-.001809	-.001792	-.001771	-.001745	-.001715	-.001682	-.001646	-.001607	-.001565	-.001522	-.001477	-.001431
	1.998053	1.998055	.998064	-.001922	-.001903	-.001879	-.001850	-.001816	-.001779	-.001738	-.001695	-.001649	-.001600	-.001551	-.001500
	1.997925	1.997929	.997938	-.002046	-.002024	-.001997	-.001964	-.001927	-.001885	-.001839	-.001790	-.001739	-.001685	-.001629	-.001573
-15.0	1.997785	1.997789	.997800	-.002182	-.002157	-.002126	-.002089	-.002047	-.001999	-.001948	-.001893	-.001835	-.001775	-.001714	-.001651
	1.997630	1.997635	.997647	-.002332	-.002304	-.002269	-.002226	-.002178	-.002125	-.002066	-.002005	-.001940	-.001873	-.001804	-.001734
	1.997459	1.997464	.997478	-.002499	-.002466	-.002425	-.002377	-.002322	-.002261	-.002195	-.002125	-.002052	-.001977	-.001900	-.001823
	1.997268	1.997273	.997290	-.002683	-.002646	-.002599	-.002543	-.002480	-.002411	-.002336	-.002257	-.002174	-.002089	-.002003	-.001917
	1.997054	1.997061	.997080	-.002888	-.002845	-.002791	-.002727	-.002655	-.002575	-.002489	-.002399	-.002306	-.002210	-.002113	-.002016
-12.5	1.996815	1.996823	.996845	-.003118	-.003067	-.003005	-.002931	-.002847	-.002755	-.002657	-.002554	-.002448	-.002340	-.002231	-.002122
	1.996546	1.996555	.996581	-.003376	-.003317	-.003243	-.003157	-.003060	-.002954	-.002841	-.002723	-.002602	-.002479	-.002356	-.002235
	1.996241	1.996251	.996282	-.003667	-.003597	-.003511	-.003410	-.003297	-.003174	-.003043	-.002908	-.002769	-.002629	-.002490	-.002353
	1.995893	1.995906	.995943	-.003996	-.003914	-.003812	-.003693	-.003560	-.003417	-.003265	-.003109	-.002949	-.002790	-.002633	-.002478
	1.995495	1.995511	.995555	-.004372	-.004273	-.004152	-.004011	-.003854	-.003686	-.003509	-.003328	-.003145	-.002962	-.002784	-.002610
-10.0	1.995037	1.995055	.995109	-.004803	-.004684	-.004538	-.004370	-.004184	-.003985	-.003778	-.003567	-.003355	-.003147	-.002943	-.002747
	1.994505	1.994528	.994594	-.005299	-.005155	-.004978	-.004776	-.004554	-.004318	-.004074	-.003828	-.003583	-.003343	-.003111	-.002889
	1.993884	1.993911	.993993	-.005875	-.005698	-.005483	-.005238	-.004970	-.004689	-.004401	-.004111	-.003827	-.003550	-.003286	-.003035
	1.993151	1.993185	.993287	-.006548	-.006329	-.006064	-.005764	-.005441	-.005103	-.004760	-.004419	-.004088	-.003769	-.003467	-.003183
	1.992278	1.992322	.992451	-.007342	-.007067	-.006737	-.006368	-.005972	-.005564	-.005154	-.004752	-.004365	-.003997	-.003652	-.003332
-7.5	1.991228	1.991284	.991450	-.008285	-.007936	-.007522	-.007061	-.006574	-.006078	-.005586	-.005109	-.004656	-.004231	-.003838	-.003477
	1.989949	1.990023	.990239	-.009417	-.008968	-.008440	-.007861	-.007257	-.006649	-.006056	-.005489	-.004959	-.004468	-.004020	-.003614
	1.988372	1.988470	.988757	-.010789	-.010203	-.009522	-.008785	-.008029	-.007280	-.006562	-.005888	-.005267	-.004702	-.004193	-.003739
	1.986394	1.986528	.986917	-.012473	-.011694	-.010802	-.009855	-.008900	-.007973	-.007101	-.006298	-.005572	-.004923	-.004348	-.003843
	1.983870	1.984057	.984598	-.014564	-.013509	-.012324	-.011091	-.009875	-.008723	-.007662	-.006708	-.005861	-.005120	-.004476	-.003918
-5.0	1.980581	1.980850	.981622	-.017198	-.015739	-.014138	-.012514	-.010955	-.009517	-.008228	-.007097	-.006117	-.005278	-.004562	-.003953
	1.976187	1.976587	.977725	-.020565	-.018500	-.016299	-.014135	-.012124	-.010328	-.008768	-.007438	-.006315	-.005376	-.004591	-.003937
	1.970143	1.970762	.972503	-.024936	-.021939	-.018857	-.015944	-.013344	-.011110	-.009237	-.007690	-.006424	-.005390	-.004546	-.003856
	1.961524	1.962530	.965317	-.030703	-.026227	-.021836	-.017888	-.014533	-.011780	-.009565	-.007802	-.006403	-.005292	-.004406	-.003696
	1.948683	1.950417	.955122	-.038417	-.031531	-.025182	-.019826	-.015542	-.012213	-.009659	-.007706	-.006209	-.005053	-.004152	-.003445
-2.5	1.928477	1.931683	.940150	-.048824	-.037907	-.028647	-.021457	-.016121	-.012231	-.009401	-.007329	-.005795	-.004644	-.003769	-.003095
	1.894427	1.900869	.917313	-.062767	-.044994	-.031573	-.022225	-.015895	-.011607	-.008661	-.006599	-.005124	-.004047	-.003247	-.002641
	1.832050	1.846167	.881075	-.080508	-.051203	-.032517	-.021242	-.014393	-.010108	-.007330	-.005466	-.004175	-.003256	-.002586	-.002087
	1.707107	1.739447	.821319	-.098533	-.051853	-.028929	-.017406	-.011185	-.007582	-.005364	-.003930	-.002963	-.002288	-.001803	-.001446
	1.447214	1.506266	.718499	-.095002	-.036991	-.017926	-.010037	-.006191	-.004091	-.002846	-.002060	-.001540	-.001182	-.000927	-.000740

$H_z(r, z)$															
r	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5
z															
-25.0	-.000702	-.000691	-.000678	-.000666	-.000653	-.000640	-.000627	-.000613	-.000600	-.000586	-.000572	-.000558	-.000545	-.000531	-.000518
	-.000728	-.000715	-.000702	-.000688	-.000675	-.000661	-.000646	-.000632	-.000618	-.000603	-.000588	-.000574	-.000559	-.000545	-.000531
	-.000754	-.000741	-.000726	-.000712	-.000697	-.000682	-.000667	-.000652	-.000636	-.000621	-.000605	-.000590	-.000575	-.000559	-.000544
	-.000782	-.000767	-.000752	-.000737	-.000721	-.000705	-.000689	-.000672	-.000656	-.000639	-.000623	-.000606	-.000590	-.000574	-.000558
	-.000811	-.000796	-.000779	-.000763	-.000746	-.000728	-.000711	-.000694	-.000676	-.000658	-.000641	-.000623	-.000606	-.000589	-.000572
-22.5	-.000842	-.000825	-.000808	-.000790	-.000772	-.000753	-.000734	-.000716	-.000697	-.000678	-.000659	-.000641	-.000622	-.000604	-.000586
	-.000875	-.000857	-.000838	-.000818	-.000799	-.000779	-.000759	-.000739	-.000719	-.000699	-.000679	-.000659	-.000639	-.000620	-.000601
	-.000910	-.000890	-.000869	-.000848	-.000827	-.000806	-.000784	-.000763	-.000741	-.000720	-.000699	-.000678	-.000657	-.000636	-.000616
	-.000946	-.000924	-.000902	-.000880	-.000857	-.000834	-.000811	-.000788	-.000765	-.000742	-.000719	-.000697	-.000675	-.000653	-.000632
	-.000984	-.000961	-.000937	-.000913	-.000888	-.000863	-.000838	-.000814	-.000789	-.000764	-.000740	-.000716	-.000693	-.000670	-.000647
-20.0	-.001025	-.000999	-.000973	-.000947	-.000920	-.000894	-.000867	-.000840	-.000814	-.000788	-.000762	-.000737	-.000712	-.000687	-.000663
	-.001068	-.001040	-.001012	-.000983	-.000955	-.000926	-.000897	-.000868	-.000840	-.000812	-.000784	-.000757	-.000731	-.000705	-.000679
	-.001113	-.001083	-.001052	-.001021	-.000990	-.000959	-.000928	-.000897	-.000867	-.000837	-.000807	-.000778	-.000750	-.000723	-.000696
	-.001161	-.001128	-.001095	-.001061	-.001028	-.000994	-.000960	-.000927	-.000894	-.000862	-.000831	-.000800	-.000770	-.000741	-.000712
	-.001212	-.001176	-.001140	-.001103	-.001067	-.001030	-.000994	-.000958	-.000923	-.000889	-.000855	-.000822	-.000790	-.000759	-.000729
-17.5	-.001266	-.001227	-.001187	-.001147	-.001107	-.001068	-.001029	-.000990	-.000953	-.000916	-.000879	-.000844	-.000810	-.000777	-.000745
	-.001323	-.001280	-.001237	-.001193	-.001150	-.001107	-.001065	-.001023	-.000983	-.000943	-.000905	-.000867	-.000831	-.000796	-.000762
	-.001384	-.001336	-.001289	-.001241	-.001194	-.001148	-.001102	-.001057	-.001014	-.000971	-.000930	-.000890	-.000851	-.000814	-.000779
	-.001448	-.001396	-.001344	-.001292	-.001241	-.001190	-.001141	-.001092	-.001045	-.001000	-.000956	-.000913	-.000872	-.000833	-.000795
	-.001516	-.001459	-.001401	-.001345	-.001289	-.001234	-.001181	-.001128	-.001078	-.001029	-.000982	-.000936	-.000893	-.000851	-.000811
-15.0	-.001588	-.001525	-.001462	-.001400	-.001339	-.001279	-.001221	-.001165	-.001111	-.001058	-.001008	-.000959	-.000913	-.000868	-.000826
	-.001664	-.001594	-.001525	-.001457	-.001391	-.001326	-.001263	-.001202	-.001144	-.001087	-.001033	-.000982	-.000933	-.000886	-.000841
	-.001745	-.001668	-.001592	-.001517	-.001445	-.001374	-.001306	-.001240	-.001177	-.001117	-.001059	-.001004	-.000952	-.000902	-.000855
	-.001830	-.001745	-.001661	-.001579	-.001500	-.001423	-.001349	-.001278	-.001210	-.001146	-.001084	-.001026	-.000970	-.000918	-.000869
	-.001920	-.001826	-.001733	-.001643	-.001557	-.001473	-.001393	-.001316	-.001243	-.001174	-.001109	-.001047	-.000988	-.000933	-.000881
-12.5	-.002015	-.001910	-.001808	-.001709	-.001615	-.001524	-.001437	-.001354	-.001276	-.001202	-.001132	-.001066	-.001004	-.000946	-.000892
	-.002115	-.001998	-.001886	-.001777	-.001673	-.001574	-.001480	-.001391	-.001307	-.001228	-.001154	-.001084	-.001019	-.000958	-.000901
	-.002220	-.002090	-.001965	-.001846	-.001733	-.001625	-.001523	-.001428	-.001338	-.001253	-.001174	-.001101	-.001032	-.000968	-.000908
	-.002329	-.002185	-.002047	-.001916	-.001792	-.001675	-.001565	-.001462	-.001366	-.001276	-.001193	-.001115	-.001043	-.000976	-.000913
	-.002442	-.002282	-.002129	-.001985	-.001850	-.001723	-.001605	-.001494	-.001392	-.001297	-.001208	-.001127	-.001051	-.000981	-.000916
-10.0	-.002559	-.002380	-.002212	-.002054	-.001907	-.001769	-.001642	-.001524	-.001415	-.001314	-.001221	-.001135	-.001056	-.000983	-.000916
	-.002678	-.002480	-.002294	-.002121	-.001961	-.001812	-.001675	-.001549	-.001434	-.001327	-.001230	-.001140	-.001058	-.000983	-.000914
	-.002799	-.002579	-.002374	-.002185	-.002011	-.001851	-.001704	-.001570	-.001448	-.001336	-.001234	-.001141	-.001056	-.000978	-.000907
	-.002919	-.002675	-.002450	-.002244	-.002055	-.001884	-.001727	-.001585	-.001457	-.001340	-.001233	-.001137	-.001049	-.000970	-.000897
	-.003037	-.002766	-.002520	-.002296	-.002093	-.001909	-.001743	-.001594	-.001459	-.001337	-.001227	-.001128	-.001038	-.000957	-.000883
-7.5	-.003148	-.002850	-.002580	-.002338	-.002121	-.001926	-.001751	-.001594	-.001453	-.001327	-.001214	-.001112	-.001021	-.000939	-.000864
	-.003249	-.002922	-.002629	-.002369	-.002137	-.001931	-.001748	-.001584	-.001439	-.001310	-.001194	-.001091	-.000998	-.000915	-.000841
	-.003335	-.002978	-.002663	-.002384	-.002139	-.001923	-.001733	-.001564	-.001415	-.001283	-.001166	-.001062	-.000970	-.000887	-.000813
	-.003400	-.003013	-.002676	-.002382	-.002125	-.001900	-.001704	-.001532	-.001381	-.001247	-.001130	-.001026	-.000934	-.000852	-.000779
	-.003437	-.003022	-.002665	-.002357	-.002090	-.001860	-.001660	-.001486	-.001334	-.001201	-.001084	-.000982	-.000891	-.000811	-.000740
-5.0	-.003437	-.002998	-.002624	-.002306	-.002033	-.001800	-.001599	-.001425	-.001274	-.001144	-.001029	-.000929	-.000842	-.000764	-.000696
	-.003390	-.002933	-.002549	-.002225	-.001951	-.001718	-.001519	-.001348	-.001202	-.001075	-.000965	-.000868	-.000784	-.000711	-.000646
	-.003289	-.002821	-.002434	-.002111	-.001841	-.001613	-.001420	-.001256	-.001115	-.000994	-.000890	-.000799	-.000720	-.000651	-.000590
	-.003123	-.002657	-.002276	-.001962	-.001701	-.001484	-.001301	-.001146	-.001014	-.000902	-.000805	-.000721	-.000649	-.000585	-.000530
	-.002884	-.002435	-.002071	-.001775	-.001532	-.001330	-.001161	-.001020	-.000900	-.000798	-.000711	-.000635	-.000570	-.000514	-.000464
-2.5	-.002568	-.002152	-.001820	-.001551	-.001332	-.001152	-.001003	-.000878	-.000773	-.000683	-.000607	-.000542	-.000486	-.000437	-.000394
	-.002174	-.001810	-.001522	-.001292	-.001105	-.000952	-.000827	-.000722	-.000634	-.000559	-.000496	-.000442	-.000396	-.000355	-.000321
	-.001707	-.001413	-.001183	-.001000	-.000853	-.000733	-.000635	-.000553	-.000485	-.000427	-.000378	-.000337	-.000301	-.000270	-.000243
	-.001177	-.000970	-.000810	-.000683	-.000581	-.000498	-.000430	-.000374	-.000328	-.000289	-.000255	-.000227	-.000203	-.000182	-.000164
	-.000601	-.000494	-.000411	-.000346	-.000294	-.000252	-.000217	-.000189	-.000165	-.000145	-.000129	-.000114	-.000102	-.000091	-.000082

$H_z(r, z)$

r	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0
z															
-25.0	-.000504	-.000491	-.000478	-.000465	-.000452	-.000440	-.000428	-.000415	-.000404	-.000392	-.000381	-.000370	-.000359	-.000349	-.000338
	-.000517	-.000503	-.000489	-.000475	-.000462	-.000449	-.000436	-.000423	-.000411	-.000399	-.000387	-.000376	-.000365	-.000354	-.000343
	-.000529	-.000514	-.000500	-.000486	-.000472	-.000458	-.000444	-.000431	-.000418	-.000406	-.000394	-.000382	-.000370	-.000359	-.000348
	-.000542	-.000527	-.000511	-.000496	-.000481	-.000467	-.000453	-.000439	-.000426	-.000413	-.000400	-.000387	-.000375	-.000364	-.000352
	-.000555	-.000539	-.000523	-.000507	-.000491	-.000476	-.000462	-.000447	-.000433	-.000419	-.000406	-.000393	-.000381	-.000369	-.000357
-22.5	-.000569	-.000551	-.000534	-.000518	-.000502	-.000486	-.000470	-.000455	-.000441	-.000426	-.000412	-.000399	-.000386	-.000373	-.000361
	-.000583	-.000564	-.000546	-.000529	-.000512	-.000495	-.000479	-.000463	-.000448	-.000433	-.000419	-.000405	-.000391	-.000378	-.000365
	-.000597	-.000577	-.000558	-.000540	-.000522	-.000505	-.000488	-.000471	-.000455	-.000440	-.000425	-.000410	-.000396	-.000383	-.000369
	-.000611	-.000590	-.000571	-.000551	-.000532	-.000514	-.000496	-.000479	-.000462	-.000446	-.000431	-.000416	-.000401	-.000387	-.000373
	-.000625	-.000604	-.000583	-.000562	-.000543	-.000523	-.000505	-.000487	-.000469	-.000453	-.000436	-.000421	-.000406	-.000391	-.000377
-20.0	-.000640	-.000617	-.000595	-.000574	-.000553	-.000533	-.000513	-.000495	-.000476	-.000459	-.000442	-.000426	-.000410	-.000395	-.000381
	-.000655	-.000631	-.000608	-.000585	-.000563	-.000542	-.000522	-.000502	-.000483	-.000465	-.000447	-.000431	-.000414	-.000399	-.000384
	-.000670	-.000644	-.000620	-.000596	-.000573	-.000551	-.000530	-.000510	-.000490	-.000471	-.000453	-.000435	-.000418	-.000402	-.000387
	-.000685	-.000658	-.000632	-.000607	-.000583	-.000560	-.000538	-.000517	-.000496	-.000476	-.000458	-.000439	-.000422	-.000406	-.000390
	-.000700	-.000672	-.000644	-.000618	-.000593	-.000569	-.000546	-.000524	-.000502	-.000482	-.000462	-.000443	-.000426	-.000408	-.000392
-17.5	-.000715	-.000685	-.000656	-.000629	-.000603	-.000577	-.000553	-.000530	-.000508	-.000487	-.000466	-.000447	-.000429	-.000411	-.000394
	-.000730	-.000698	-.000668	-.000639	-.000612	-.000585	-.000560	-.000536	-.000513	-.000491	-.000470	-.000450	-.000431	-.000413	-.000396
	-.000744	-.000711	-.000680	-.000650	-.000621	-.000593	-.000567	-.000542	-.000518	-.000495	-.000474	-.000453	-.000433	-.000415	-.000397
	-.000759	-.000724	-.000691	-.000659	-.000629	-.000600	-.000573	-.000547	-.000522	-.000499	-.000476	-.000455	-.000435	-.000416	-.000398
	-.000773	-.000736	-.000701	-.000668	-.000637	-.000607	-.000579	-.000552	-.000526	-.000502	-.000479	-.000457	-.000436	-.000417	-.000398
-15.0	-.000786	-.000748	-.000711	-.000677	-.000644	-.000613	-.000583	-.000556	-.000529	-.000504	-.000480	-.000458	-.000437	-.000417	-.000398
	-.000799	-.000759	-.000721	-.000684	-.000650	-.000618	-.000588	-.000559	-.000531	-.000506	-.000481	-.000458	-.000437	-.000416	-.000397
	-.000811	-.000769	-.000729	-.000691	-.000656	-.000622	-.000591	-.000561	-.000533	-.000506	-.000482	-.000458	-.000436	-.000415	-.000395
	-.000822	-.000778	-.000736	-.000697	-.000660	-.000626	-.000593	-.000562	-.000534	-.000506	-.000481	-.000457	-.000434	-.000413	-.000393
	-.000832	-.000786	-.000743	-.000702	-.000664	-.000628	-.000594	-.000563	-.000533	-.000505	-.000479	-.000455	-.000432	-.000410	-.000390
-12.5	-.000840	-.000792	-.000747	-.000705	-.000666	-.000629	-.000594	-.000562	-.000532	-.000503	-.000477	-.000452	-.000429	-.000407	-.000386
	-.000847	-.000797	-.000751	-.000707	-.000667	-.000629	-.000593	-.000560	-.000529	-.000500	-.000473	-.000448	-.000425	-.000402	-.000382
	-.000853	-.000801	-.000753	-.000708	-.000666	-.000627	-.000591	-.000557	-.000526	-.000496	-.000469	-.000443	-.000419	-.000397	-.000376
	-.000856	-.000802	-.000752	-.000706	-.000663	-.000624	-.000587	-.000552	-.000520	-.000491	-.000463	-.000437	-.000413	-.000391	-.000370
	-.000857	-.000801	-.000750	-.000703	-.000659	-.000619	-.000581	-.000546	-.000514	-.000484	-.000456	-.000430	-.000406	-.000384	-.000363
-10.0	-.000855	-.000798	-.000746	-.000697	-.000653	-.000612	-.000574	-.000538	-.000506	-.000476	-.000448	-.000422	-.000398	-.000376	-.000355
	-.000850	-.000792	-.000739	-.000689	-.000644	-.000603	-.000564	-.000529	-.000496	-.000466	-.000438	-.000412	-.000389	-.000366	-.000346
	-.000842	-.000783	-.000729	-.000679	-.000634	-.000592	-.000553	-.000518	-.000485	-.000455	-.000427	-.000402	-.000378	-.000356	-.000336
	-.000831	-.000771	-.000716	-.000666	-.000620	-.000578	-.000540	-.000505	-.000472	-.000442	-.000415	-.000390	-.000366	-.000344	-.000324
	-.000816	-.000756	-.000700	-.000650	-.000604	-.000563	-.000524	-.000490	-.000457	-.000428	-.000401	-.000376	-.000353	-.000332	-.000312
-7.5	-.000797	-.000736	-.000681	-.000631	-.000586	-.000545	-.000507	-.000472	-.000441	-.000412	-.000386	-.000361	-.000339	-.000318	-.000299
	-.000774	-.000713	-.000659	-.000609	-.000565	-.000524	-.000487	-.000453	-.000423	-.000394	-.000369	-.000345	-.000323	-.000303	-.000285
	-.000746	-.000687	-.000633	-.000584	-.000541	-.000501	-.000465	-.000432	-.000402	-.000375	-.000350	-.000327	-.000307	-.000287	-.000270
	-.000714	-.000655	-.000603	-.000556	-.000513	-.000475	-.000440	-.000409	-.000380	-.000354	-.000330	-.000308	-.000289	-.000270	-.000253
	-.000677	-.000620	-.000570	-.000524	-.000484	-.000447	-.000414	-.000384	-.000356	-.000331	-.000309	-.000288	-.000269	-.000252	-.000236
-5.0	-.000635	-.000581	-.000533	-.000489	-.000451	-.000416	-.000385	-.000356	-.000331	-.000307	-.000286	-.000267	-.000249	-.000233	-.000218
	-.000588	-.000537	-.000492	-.000451	-.000415	-.000383	-.000353	-.000327	-.000303	-.000281	-.000262	-.000244	-.000228	-.000213	-.000199
	-.000537	-.000489	-.000448	-.000410	-.000377	-.000347	-.000320	-.000296	-.000274	-.000254	-.000236	-.000220	-.000205	-.000192	-.000179
	-.000481	-.000438	-.000400	-.000366	-.000336	-.000309	-.000285	-.000263	-.000243	-.000226	-.000210	-.000195	-.000182	-.000170	-.000159
	-.000421	-.000383	-.000349	-.000319	-.000293	-.000269	-.000248	-.000229	-.000211	-.000196	-.000182	-.000169	-.000158	-.000147	-.000137
-2.5	-.000357	-.000324	-.000296	-.000270	-.000247	-.000227	-.000209	-.000193	-.000178	-.000165	-.000153	-.000142	-.000132	-.000124	-.000115
	-.000290	-.000263	-.000240	-.000219	-.000200	-.000184	-.000169	-.000156	-.000144	-.000133	-.000123	-.000115	-.000107	-.000100	-.000093
	-.000220	-.000200	-.000181	-.000166	-.000151	-.000139	-.000128	-.000118	-.000109	-.000101	-.000093	-.000087	-.000081	-.000075	-.000070
	-.000148	-.000134	-.000122	-.000111	-.000102	-.000093	-.000086	-.000079	-.000073	-.000067	-.000062	-.000058	-.000054	-.000050	-.000047
	-.000074	-.000067	-.000061	-.000056	-.000051	-.000047	-.000043	-.000040	-.000037	-.000034	-.000031	-.000029	-.000027	-.000025	-.000024

		$H_z(r, z)$														
r	z	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.5	29.0	29.5
-25.0		-.000329	-.000319	-.000309	-.000300	-.000291	-.000283	-.000275	-.000266	-.000259	-.000251	-.000244	-.000236	-.000229	-.000223	-.000216
		-.000333	-.000323	-.000313	-.000304	-.000295	-.000286	-.000277	-.000269	-.000261	-.000253	-.000245	-.000238	-.000231	-.000224	-.000217
		-.000337	-.000327	-.000317	-.000307	-.000298	-.000288	-.000280	-.000271	-.000263	-.000255	-.000247	-.000239	-.000232	-.000225	-.000218
		-.000341	-.000331	-.000320	-.000310	-.000300	-.000291	-.000282	-.000273	-.000265	-.000256	-.000248	-.000241	-.000233	-.000226	-.000219
-22.5		-.000345	-.000334	-.000324	-.000313	-.000303	-.000293	-.000284	-.000275	-.000266	-.000258	-.000250	-.000242	-.000234	-.000227	-.000220
		-.000349	-.000338	-.000327	-.000316	-.000306	-.000296	-.000286	-.000277	-.000268	-.000259	-.000251	-.000243	-.000235	-.000228	-.000220
		-.000353	-.000341	-.000330	-.000319	-.000308	-.000298	-.000288	-.000279	-.000269	-.000260	-.000252	-.000244	-.000236	-.000228	-.000221
		-.000357	-.000345	-.000333	-.000321	-.000310	-.000300	-.000290	-.000280	-.000271	-.000262	-.000253	-.000244	-.000236	-.000229	-.000221
-20.0		-.000360	-.000348	-.000336	-.000324	-.000313	-.000302	-.000291	-.000281	-.000272	-.000262	-.000254	-.000245	-.000237	-.000229	-.000221
		-.000364	-.000351	-.000338	-.000326	-.000315	-.000303	-.000293	-.000283	-.000273	-.000263	-.000254	-.000245	-.000237	-.000229	-.000221
		-.000367	-.000353	-.000340	-.000328	-.000316	-.000305	-.000294	-.000283	-.000273	-.000264	-.000254	-.000246	-.000237	-.000229	-.000221
		-.000370	-.000356	-.000343	-.000330	-.000318	-.000306	-.000295	-.000284	-.000274	-.000264	-.000255	-.000246	-.000237	-.000229	-.000221
-17.5		-.000372	-.000358	-.000344	-.000331	-.000319	-.000307	-.000296	-.000285	-.000274	-.000264	-.000255	-.000245	-.000237	-.000228	-.000220
		-.000374	-.000360	-.000346	-.000333	-.000320	-.000308	-.000296	-.000285	-.000274	-.000264	-.000254	-.000245	-.000236	-.000227	-.000219
		-.000376	-.000361	-.000347	-.000333	-.000320	-.000308	-.000296	-.000285	-.000274	-.000264	-.000254	-.000244	-.000235	-.000226	-.000218
		-.000378	-.000363	-.000348	-.000334	-.000321	-.000308	-.000296	-.000284	-.000273	-.000263	-.000253	-.000243	-.000234	-.000225	-.000217
-15.0		-.000379	-.000364	-.000349	-.000334	-.000321	-.000308	-.000295	-.000284	-.000273	-.000262	-.000252	-.000242	-.000233	-.000224	-.000215
		-.000380	-.000364	-.000349	-.000334	-.000320	-.000307	-.000295	-.000283	-.000271	-.000261	-.000250	-.000240	-.000231	-.000222	-.000214
		-.000380	-.000364	-.000348	-.000334	-.000320	-.000306	-.000293	-.000281	-.000270	-.000259	-.000249	-.000239	-.000229	-.000220	-.000212
		-.000380	-.000364	-.000348	-.000333	-.000318	-.000305	-.000292	-.000280	-.000268	-.000257	-.000247	-.000237	-.000227	-.000218	-.000210
-12.5		-.000380	-.000363	-.000346	-.000331	-.000317	-.000303	-.000290	-.000278	-.000266	-.000255	-.000244	-.000234	-.000225	-.000216	-.000207
		-.000378	-.000361	-.000345	-.000329	-.000314	-.000301	-.000287	-.000275	-.000263	-.000252	-.000241	-.000231	-.000222	-.000213	-.000204
		-.000376	-.000359	-.000342	-.000327	-.000312	-.000298	-.000285	-.000272	-.000260	-.000249	-.000238	-.000228	-.000219	-.000210	-.000201
		-.000374	-.000356	-.000339	-.000324	-.000309	-.000295	-.000281	-.000269	-.000257	-.000246	-.000235	-.000225	-.000215	-.000206	-.000198
-10.0		-.000371	-.000353	-.000336	-.000320	-.000305	-.000291	-.000277	-.000265	-.000253	-.000242	-.000231	-.000221	-.000212	-.000203	-.000194
		-.000367	-.000349	-.000332	-.000316	-.000301	-.000286	-.000273	-.000261	-.000249	-.000238	-.000227	-.000217	-.000208	-.000199	-.000190
		-.000362	-.000344	-.000327	-.000311	-.000296	-.000282	-.000268	-.000256	-.000244	-.000233	-.000222	-.000212	-.000203	-.000194	-.000186
		-.000357	-.000339	-.000321	-.000305	-.000290	-.000276	-.000263	-.000250	-.000239	-.000228	-.000217	-.000208	-.000198	-.000190	-.000181
-7.5		-.000351	-.000332	-.000315	-.000299	-.000284	-.000270	-.000257	-.000245	-.000233	-.000222	-.000212	-.000202	-.000193	-.000185	-.000176
		-.000343	-.000325	-.000308	-.000292	-.000278	-.000264	-.000251	-.000238	-.000227	-.000216	-.000206	-.000197	-.000188	-.000179	-.000171
		-.000335	-.000317	-.000301	-.000285	-.000270	-.000256	-.000244	-.000232	-.000220	-.000210	-.000200	-.000190	-.000182	-.000173	-.000166
		-.000327	-.000309	-.000292	-.000277	-.000262	-.000249	-.000236	-.000224	-.000213	-.000203	-.000193	-.000184	-.000175	-.000167	-.000160
-5.0		-.000317	-.000299	-.000283	-.000268	-.000253	-.000240	-.000228	-.000216	-.000206	-.000195	-.000186	-.000177	-.000169	-.000161	-.000154
		-.000306	-.000289	-.000273	-.000258	-.000244	-.000231	-.000219	-.000208	-.000197	-.000188	-.000178	-.000170	-.000162	-.000154	-.000147
		-.000294	-.000277	-.000262	-.000247	-.000234	-.000221	-.000210	-.000199	-.000189	-.000179	-.000170	-.000162	-.000154	-.000147	-.000140
		-.000282	-.000265	-.000250	-.000236	-.000223	-.000211	-.000200	-.000190	-.000180	-.000171	-.000162	-.000154	-.000147	-.000140	-.000133
-2.5		-.000268	-.000252	-.000238	-.000224	-.000212	-.000200	-.000190	-.000180	-.000170	-.000161	-.000153	-.000146	-.000139	-.000132	-.000126
		-.000253	-.000238	-.000225	-.000212	-.000200	-.000189	-.000179	-.000169	-.000160	-.000152	-.000144	-.000137	-.000130	-.000124	-.000118
		-.000238	-.000224	-.000211	-.000198	-.000187	-.000177	-.000167	-.000158	-.000150	-.000142	-.000135	-.000128	-.000122	-.000116	-.000110
		-.000222	-.000208	-.000196	-.000185	-.000174	-.000164	-.000155	-.000147	-.000139	-.000132	-.000125	-.000119	-.000113	-.000107	-.000102
		-.000205	-.000192	-.000181	-.000170	-.000160	-.000151	-.000143	-.000135	-.000128	-.000121	-.000115	-.000109	-.000103	-.000098	-.000093
		-.000187	-.000175	-.000165	-.000155	-.000146	-.000138	-.000130	-.000123	-.000116	-.000110	-.000104	-.000099	-.000094	-.000089	-.000085
		-.000168	-.000158	-.000148	-.000139	-.000131	-.000123	-.000116	-.000110	-.000104	-.000098	-.000093	-.000089	-.000084	-.000080	-.000076
		-.000149	-.000139	-.000131	-.000123	-.000116	-.000109	-.000103	-.000097	-.000092	-.000087	-.000082	-.000078	-.000074	-.000070	-.000067
		-.000129	-.000120	-.000113	-.000106	-.000100	-.000094	-.000089	-.000084	-.000079	-.000075	-.000071	-.000067	-.000064	-.000061	-.000058
		-.000108	-.000101	-.000095	-.000089	-.000084	-.000079	-.000074	-.000070	-.000066	-.000063	-.000059	-.000056	-.000053	-.000051	-.000048
		-.000087	-.000081	-.000076	-.000072	-.000067	-.000064	-.000060	-.000056	-.000053	-.000050	-.000048	-.000045	-.000043	-.000041	-.000039
		-.000066	-.000061	-.000058	-.000054	-.000051	-.000048	-.000045	-.000043	-.000040	-.000038	-.000036	-.000034	-.000032	-.000031	-.000029
		-.000044	-.000041	-.000039	-.000036	-.000034	-.000032	-.000030	-.000028	-.000027	-.000025	-.000024	-.000023	-.000022	-.000020	-.000019
		-.000022	-.000021	-.000019	-.000018	-.000017	-.000016	-.000015	-.000014	-.000013	-.000013	-.000012	-.000011	-.000011	-.000010	-.000010

		$H_z(r, z)$														
r	z	.0	.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
.0	1.000000	1.000000	.500000	.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000
	.552786	.493734	.281501	.095002	.036991	.017926	.010037	.006191	.004091	.002846	.002060	.001540	.001182	.000927	.000740	.000740
	.292893	.260553	.178681	.098533	.051853	.028929	.017406	.011185	.007582	.005364	.003930	.002963	.002288	.001803	.001446	.001446
	.167950	.153833	.118925	.080508	.051203	.032517	.021242	.014393	.010108	.007330	.005466	.004175	.003256	.002586	.002087	.002087
	.105573	.099131	.082687	.062767	.044994	.031573	.022225	.015895	.011607	.008661	.006599	.005124	.004047	.003247	.002641	.002641
2.5	.071523	.068317	.059850	.048824	.037907	.028647	.021457	.016121	.012231	.009401	.007329	.005795	.004644	.003769	.003095	.003095
	.051317	.049583	.044878	.038417	.031531	.025182	.019826	.015542	.012213	.009659	.007706	.006209	.005053	.004152	.003445	.003445
	.038476	.037470	.034683	.030703	.026227	.021836	.017888	.014533	.011780	.009565	.007802	.006403	.005292	.004406	.003696	.003696
	.029857	.029238	.027497	.024936	.021939	.018857	.015944	.013344	.011110	.009237	.007690	.006424	.005390	.004546	.003856	.003856
	.023813	.023413	.022275	.020565	.018500	.016299	.014135	.012124	.010328	.008768	.007438	.006315	.005376	.004591	.003937	.003937
5.0	.019419	.019150	.018378	.017198	.015739	.014138	.012514	.010955	.009517	.008228	.007097	.006117	.005278	.004562	.003953	.003953
	.016130	.015943	.015402	.014564	.013509	.012324	.011091	.009875	.008723	.007662	.006707	.005861	.005120	.004476	.003918	.003918
	.013606	.013472	.013083	.012473	.011694	.010802	.009855	.008900	.007973	.007101	.006298	.005572	.004923	.004348	.003843	.003843
	.011628	.011530	.011243	.010789	.010203	.009522	.008785	.008029	.007280	.006562	.005888	.005267	.004702	.004193	.003739	.003739
	.010051	.009977	.009761	.009417	.008968	.008440	.007861	.007257	.006649	.006056	.005489	.004959	.004468	.004020	.003614	.003614
7.5	.008772	.008716	.008550	.008285	.007936	.007522	.007061	.006574	.006078	.005586	.005109	.004656	.004231	.003838	.003477	.003477
	.007722	.007678	.007549	.007342	.007067	.006737	.006368	.005972	.005564	.005154	.004752	.004365	.003997	.003652	.003332	.003332
	.006849	.006815	.006713	.006548	.006329	.006064	.005764	.005441	.005103	.004760	.004419	.004088	.003769	.003467	.003183	.003183
	.006116	.006089	.006007	.005875	.005698	.005483	.005238	.004970	.004689	.004401	.004111	.003827	.003550	.003286	.003035	.003035
	.005495	.005472	.005406	.005299	.005155	.004978	.004776	.004554	.004318	.004074	.003828	.003583	.003343	.003111	.002889	.002889
10.0	.004963	.004945	.004891	.004803	.004684	.004538	.004370	.004184	.003985	.003778	.003567	.003355	.003147	.002943	.002747	.002747
	.004505	.004489	.004445	.004372	.004273	.004152	.004011	.003854	.003686	.003509	.003328	.003145	.002962	.002784	.002610	.002610
	.004107	.004094	.004057	.003996	.003914	.003812	.003693	.003560	.003417	.003265	.003109	.002949	.002790	.002633	.002478	.002478
	.003759	.003749	.003718	.003667	.003597	.003511	.003410	.003297	.003174	.003043	.002908	.002769	.002629	.002490	.002353	.002353
	.003454	.003445	.003419	.003376	.003317	.003243	.003157	.003060	.002954	.002841	.002723	.002602	.002479	.002356	.002235	.002235
12.5	.003185	.003177	.003155	.003118	.003067	.003005	.002931	.002847	.002755	.002657	.002554	.002448	.002340	.002231	.002122	.002122
	.002946	.002939	.002920	.002888	.002845	.002791	.002727	.002655	.002575	.002489	.002397	.002306	.002210	.002113	.002016	.002016
	.002732	.002727	.002710	.002683	.002646	.002599	.002543	.002480	.002411	.002336	.002259	.002174	.002089	.002003	.001917	.001917
	.002541	.002536	.002522	.002499	.002466	.002425	.002377	.002322	.002261	.002195	.002125	.002052	.001977	.001900	.001823	.001823
	.002370	.002365	.002353	.002332	.002304	.002269	.002226	.002178	.002125	.002066	.002005	.001940	.001873	.001804	.001734	.001734
15.0	.002215	.002211	.002200	.002182	.002157	.002126	.002089	.002047	.001999	.001948	.001893	.001835	.001775	.001714	.001651	.001651
	.002075	.002071	.002062	.002046	.002024	.001997	.001964	.001927	.001885	.001839	.001790	.001739	.001685	.001629	.001573	.001573
	.001947	.001945	.001936	.001922	.001903	.001879	.001850	.001816	.001779	.001738	.001695	.001649	.001600	.001551	.001500	.001500
	.001832	.001829	.001822	.001809	.001792	.001771	.001745	.001715	.001682	.001646	.001607	.001565	.001522	.001477	.001431	.001431
	.001726	.001723	.001717	.001706	.001691	.001671	.001648	.001622	.001592	.001560	.001525	.001487	.001448	.001408	.001366	.001366
17.5	.001629	.001627	.001621	.001611	.001597	.001580	.001560	.001536	.001510	.001480	.001449	.001415	.001380	.001343	.001305	.001305
	.001540	.001538	.001533	.001524	.001512	.001496	.001478	.001457	.001433	.001406	.001378	.001348	.001316	.001282	.001248	.001248
	.001458	.001456	.001451	.001444	.001433	.001419	.001402	.001383	.001362	.001338	.001312	.001285	.001256	.001225	.001194	.001194
	.001382	.001381	.001376	.001369	.001360	.001347	.001332	.001315	.001296	.001274	.001251	.001226	.001199	.001172	.001143	.001143
	.001312	.001311	.001307	.001301	.001292	.001281	.001267	.001252	.001234	.001214	.001193	.001171	.001146	.001121	.001095	.001095
20.0	.001248	.001246	.001243	.001237	.001229	.001219	.001207	.001193	.001177	.001159	.001140	.001119	.001097	.001074	.001050	.001050
	.001188	.001187	.001183	.001178	.001171	.001162	.001151	.001138	.001123	.001107	.001089	.001070	.001050	.001029	.001007	.001007
	.001132	.001131	.001128	.001123	.001117	.001108	.001098	.001086	.001073	.001058	.001042	.001025	.001007	.000987	.000967	.000967
	.001080	.001079	.001076	.001072	.001066	.001058	.001049	.001039	.001026	.001013	.000998	.000982	.000965	.000948	.000929	.000929
	.001031	.001031	.001028	.001024	.001019	.001012	.001003	.000994	.000983	.000970	.000957	.000942	.000927	.000910	.000893	.000893
22.5	.000986	.000985	.000983	.000980	.000975	.000968	.000961	.000952	.000941	.000930	.000918	.000904	.000890	.000875	.000859	.000859
	.000944	.000943	.000941	.000938	.000933	.000927	.000920	.000912	.000903	.000892	.000881	.000869	.000855	.000841	.000827	.000827
	.000904	.000904	.000902	.000899	.000894	.000889	.000883	.000875	.000866	.000857	.000846	.000835	.000823	.000810	.000796	.000796
	.000867	.000866	.000865	.000862	.000858	.000853	.000847	.000840	.000832	.000823	.000814	.000803	.000792	.000780	.000767	.000767
	.000832	.000831	.000830	.000827	.000824	.000819	.000814	.000807	.000800	.000792	.000783	.000773	.000763	.000751	.000740	.000740

		$H_z(r,z)$														
z	r	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5
.0		-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	.000000	-.000000	-.000000
		.000601	.000494	.000411	.000346	.000294	.000252	.000217	.000189	.000165	.000145	.000129	.000114	.000102	.000091	.000082
		.001177	.000970	.000810	.000683	.000581	.000498	.000430	.000374	.000328	.000289	.000255	.000227	.000203	.000182	.000164
		.001707	.001413	.001183	.001000	.000853	.000733	.000635	.000553	.000485	.000427	.000378	.000337	.000301	.000270	.000243
		.002174	.001810	.001522	.001292	.001105	.000952	.000827	.000722	.000634	.000559	.000496	.000442	.000396	.000355	.000321
2.5		.002568	.002152	.001820	.001551	.001332	.001152	.001003	.000878	.000773	.000683	.000607	.000542	.000486	.000437	.000394
		.002884	.002435	.002071	.001775	.001532	.001330	.001161	.001020	.000900	.000798	.000711	.000635	.000570	.000514	.000464
		.003123	.002657	.002276	.001962	.001701	.001484	.001301	.001146	.001014	.000902	.000805	.000721	.000649	.000585	.000530
		.003289	.002821	.002434	.002111	.001841	.001613	.001420	.001256	.001115	.000994	.000890	.000799	.000720	.000651	.000590
		.003390	.002933	.002549	.002225	.001951	.001718	.001519	.001348	.001202	.001075	.000965	.000868	.000784	.000711	.000646
5.0		.003437	.002998	.002624	.002306	.002033	.001800	.001599	.001425	.001274	.001144	.001029	.000929	.000842	.000764	.000696
		.003437	.003022	.002665	.002357	.002090	.001860	.001660	.001486	.001334	.001201	.001084	.000982	.000891	.000811	.000740
		.003400	.003013	.002676	.002382	.002125	.001900	.001704	.001532	.001381	.001247	.001130	.001026	.000934	.000852	.000779
		.003335	.002978	.002663	.002384	.002139	.001923	.001733	.001564	.001415	.001283	.001166	.001062	.000970	.000887	.000813
		.003249	.002922	.002629	.002369	.002137	.001931	.001748	.001584	.001439	.001310	.001194	.001091	.000998	.000915	.000841
7.5		.003148	.002850	.002580	.002338	.002121	.001926	.001751	.001594	.001453	.001327	.001214	.001112	.001021	.000939	.000864
		.003037	.002766	.002520	.002296	.002093	.001909	.001743	.001594	.001459	.001337	.001227	.001128	.001038	.000957	.000883
		.002919	.002675	.002450	.002244	.002055	.001884	.001727	.001585	.001457	.001340	.001233	.001137	.001049	.000970	.000897
		.002799	.002579	.002374	.002185	.002011	.001851	.001704	.001570	.001448	.001336	.001234	.001141	.001056	.000978	.000907
		.002678	.002480	.002294	.002121	.001961	.001812	.001675	.001549	.001434	.001327	.001230	.001140	.001058	.000983	.000914
10.0		.002559	.002380	.002212	.002054	.001907	.001769	.001642	.001524	.001415	.001314	.001221	.001135	.001056	.000983	.000916
		.002442	.002282	.002129	.001985	.001850	.001723	.001605	.001494	.001392	.001297	.001208	.001127	.001051	.000981	.000916
		.002329	.002185	.002047	.001916	.001792	.001675	.001565	.001462	.001366	.001276	.001193	.001115	.001043	.000976	.000913
		.002220	.002090	.001965	.001846	.001733	.001625	.001523	.001428	.001338	.001253	.001174	.001101	.001032	.000968	.000908
		.002115	.001998	.001886	.001777	.001673	.001574	.001480	.001391	.001307	.001228	.001154	.001084	.001019	.000958	.000901
12.5		.002015	.001910	.001808	.001709	.001615	.001524	.001437	.001354	.001276	.001202	.001132	.001066	.001004	.000946	.000892
		.001920	.001826	.001733	.001643	.001557	.001473	.001393	.001316	.001243	.001174	.001109	.001047	.000988	.000933	.000881
		.001830	.001745	.001661	.001579	.001500	.001423	.001349	.001278	.001210	.001146	.001084	.001026	.000970	.000918	.000869
		.001745	.001668	.001592	.001517	.001445	.001374	.001306	.001240	.001177	.001117	.001059	.001004	.000952	.000902	.000855
		.001664	.001594	.001525	.001457	.001391	.001326	.001263	.001202	.001144	.001087	.001033	.000982	.000933	.000886	.000841
15.0		.001588	.001525	.001462	.001400	.001339	.001279	.001221	.001165	.001111	.001058	.001008	.000959	.000913	.000868	.000826
		.001516	.001459	.001401	.001345	.001289	.001234	.001181	.001128	.001078	.001029	.000982	.000936	.000893	.000851	.000811
		.001448	.001396	.001344	.001292	.001241	.001190	.001141	.001092	.001045	.001000	.000956	.000913	.000872	.000833	.000795
		.001384	.001336	.001289	.001241	.001194	.001148	.001102	.001057	.001014	.000971	.000930	.000890	.000851	.000814	.000779
		.001323	.001280	.001237	.001193	.001150	.001107	.001065	.001023	.000983	.000943	.000905	.000867	.000831	.000796	.000762
17.5		.001266	.001227	.001187	.001147	.001107	.001068	.001029	.000990	.000953	.000916	.000879	.000844	.000810	.000777	.000745
		.001212	.001176	.001140	.001103	.001067	.001030	.000994	.000958	.000923	.000889	.000855	.000822	.000790	.000759	.000729
		.001161	.001128	.001095	.001061	.001028	.000994	.000960	.000927	.000894	.000862	.000831	.000800	.000770	.000741	.000712
		.001113	.001083	.001052	.001021	.000990	.000959	.000928	.000897	.000867	.000837	.000807	.000778	.000750	.000723	.000696
		.001068	.001040	.001012	.000983	.000955	.000926	.000897	.000868	.000840	.000812	.000784	.000757	.000731	.000705	.000679
20.0		.001025	.000999	.000973	.000947	.000920	.000894	.000867	.000840	.000814	.000788	.000762	.000737	.000712	.000687	.000663
		.000984	.000961	.000937	.000913	.000888	.000863	.000838	.000814	.000789	.000764	.000740	.000716	.000693	.000670	.000647
		.000946	.000924	.000902	.000880	.000857	.000834	.000811	.000788	.000765	.000742	.000719	.000697	.000675	.000653	.000632
		.000910	.000890	.000869	.000848	.000827	.000806	.000784	.000763	.000741	.000720	.000699	.000678	.000657	.000636	.000616
		.000875	.000857	.000838	.000818	.000799	.000779	.000759	.000739	.000719	.000699	.000679	.000659	.000639	.000620	.000601
22.5		.000842	.000825	.000808	.000790	.000772	.000753	.000734	.000716	.000697	.000678	.000659	.000641	.000622	.000604	.000586
		.000811	.000796	.000779	.000763	.000746	.000728	.000711	.000694	.000676	.000658	.000641	.000623	.000606	.000589	.000572
		.000782	.000767	.000752	.000737	.000721	.000705	.000689	.000672	.000656	.000639	.000623	.000606	.000590	.000574	.000558
		.000754	.000741	.000726	.000712	.000697	.000682	.000667	.000652	.000636	.000621	.000605	.000590	.000575	.000559	.000544
		.000728	.000715	.000702	.000688	.000675	.000661	.000646	.000632	.000618	.000603	.000588	.000574	.000559	.000545	.000531

		$H_z(r, z)$														
r		15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0
z																
0		-.000000 .000074 .000148 .000220 .000290	-.000000 .000067 .000134 .000200 .000263	-.000000 .000061 .000122 .000181 .000240	-.000000 .000056 .000111 .000166 .000219	-.000000 .000051 .000102 .000151 .000200	-.000000 .000047 .000093 .000139 .000184	-.000000 .000043 .000086 .000128 .000169	-.000000 .000040 .000079 .000118 .000156	-.000000 .000037 .000073 .000109 .000144	-.000000 .000034 .000067 .000101 .000133	-.000000 .000031 .000062 .000093 .000123	-.000000 .000029 .000058 .000087 .000115	-.000000 .000027 .000054 .000081 .000107	.000000 .000025 .000050 .000075 .000100	-.000000 .000024 .000047 .000070 .000093
2.5		.000357 .000421 .000481 .000537 .000588	.000324 .000383 .000438 .000489 .000537	.000296 .000349 .000400 .000448 .000492	.000270 .000319 .000366 .000410 .000451	.000247 .000293 .000336 .000377 .000415	.000227 .000269 .000309 .000347 .000383	.000209 .000248 .000285 .000320 .000353	.000193 .000229 .000263 .000296 .000327	.000178 .000211 .000243 .000274 .000303	.000165 .000196 .000226 .000254 .000281	.000153 .000182 .000210 .000236 .000262	.000142 .000169 .000195 .000220 .000244	.000132 .000158 .000182 .000205 .000228	.000124 .000147 .000170 .000192 .000213	.000115 .000137 .000159 .000179 .000199
5.0		.000635 .000677 .000714 .000746 .000774	.000581 .000620 .000655 .000687 .000713	.000533 .000570 .000603 .000633 .000659	.000489 .000524 .000556 .000584 .000609	.000451 .000484 .000513 .000541 .000565	.000416 .000447 .000475 .000501 .000524	.000385 .000414 .000440 .000465 .000487	.000356 .000384 .000409 .000432 .000453	.000331 .000356 .000380 .000402 .000423	.000307 .000331 .000354 .000375 .000394	.000286 .000309 .000330 .000350 .000369	.000267 .000288 .000308 .000327 .000345	.000249 .000269 .000289 .000307 .000323	.000233 .000252 .000270 .000287 .000303	.000218 .000236 .000253 .000270 .000285
7.5		.000797 .000816 .000831 .000842 .000850	.000736 .000756 .000771 .000783 .000792	.000681 .000700 .000716 .000729 .000739	.000631 .000650 .000666 .000679 .000689	.000586 .000604 .000620 .000634 .000644	.000545 .000563 .000578 .000592 .000603	.000507 .000524 .000540 .000553 .000564	.000472 .000490 .000505 .000518 .000529	.000441 .000457 .000472 .000485 .000496	.000412 .000428 .000442 .000455 .000466	.000386 .000401 .000415 .000427 .000438	.000361 .000376 .000390 .000402 .000412	.000339 .000353 .000366 .000378 .000389	.000318 .000332 .000344 .000356 .000366	.000299 .000312 .000324 .000336 .000346
10.0		.000855 .000857 .000856 .000853 .000847	.000798 .000801 .000802 .000801 .000797	.000746 .000750 .000752 .000753 .000751	.000697 .000703 .000706 .000708 .000707	.000653 .000659 .000663 .000666 .000667	.000612 .000619 .000624 .000627 .000629	.000574 .000581 .000587 .000591 .000593	.000538 .000546 .000552 .000557 .000560	.000506 .000514 .000520 .000526 .000529	.000476 .000484 .000491 .000496 .000500	.000448 .000456 .000463 .000469 .000473	.000422 .000430 .000437 .000443 .000448	.000398 .000406 .000413 .000419 .000425	.000376 .000384 .000391 .000397 .000402	.000355 .000363 .000370 .000376 .000382
12.5		.000840 .000832 .000822 .000811 .000799	.000792 .000786 .000778 .000769 .000759	.000747 .000743 .000736 .000729 .000721	.000705 .000702 .000697 .000691 .000684	.000666 .000664 .000660 .000656 .000650	.000629 .000628 .000626 .000622 .000618	.000594 .000594 .000593 .000591 .000588	.000562 .000563 .000562 .000561 .000559	.000532 .000533 .000534 .000533 .000531	.000503 .000505 .000506 .000506 .000506	.000477 .000479 .000481 .000482 .000481	.000452 .000455 .000457 .000458 .000458	.000429 .000432 .000434 .000436 .000437	.000407 .000410 .000413 .000415 .000416	.000386 .000390 .000393 .000395 .000397
15.0		.000786 .000773 .000759 .000744 .000730	.000748 .000736 .000724 .000711 .000698	.000711 .000701 .000691 .000680 .000668	.000677 .000668 .000659 .000650 .000639	.000644 .000637 .000629 .000621 .000612	.000613 .000607 .000600 .000593 .000585	.000583 .000579 .000573 .000567 .000560	.000556 .000552 .000547 .000542 .000536	.000529 .000526 .000522 .000518 .000513	.000504 .000502 .000499 .000495 .000491	.000480 .000479 .000476 .000474 .000470	.000458 .000457 .000455 .000453 .000450	.000437 .000436 .000435 .000433 .000431	.000417 .000417 .000416 .000415 .000413	.000398 .000398 .000398 .000397 .000396
17.5		.000715 .000700 .000685 .000670 .000655	.000685 .000672 .000658 .000644 .000631	.000656 .000644 .000632 .000620 .000608	.000629 .000618 .000607 .000596 .000585	.000603 .000593 .000583 .000573 .000563	.000577 .000569 .000560 .000551 .000542	.000553 .000546 .000538 .000530 .000522	.000530 .000524 .000517 .000510 .000502	.000508 .000502 .000496 .000490 .000483	.000487 .000482 .000476 .000471 .000465	.000466 .000462 .000458 .000453 .000447	.000447 .000443 .000439 .000435 .000431	.000429 .000426 .000422 .000418 .000414	.000411 .000408 .000406 .000402 .000399	.000394 .000392 .000390 .000387 .000384
20.0		.000640 .000625 .000611 .000597 .000583	.000617 .000604 .000590 .000577 .000564	.000595 .000583 .000571 .000558 .000546	.000574 .000562 .000551 .000540 .000529	.000553 .000543 .000532 .000522 .000512	.000533 .000523 .000514 .000505 .000495	.000513 .000505 .000496 .000488 .000479	.000495 .000487 .000479 .000471 .000463	.000476 .000469 .000462 .000455 .000448	.000459 .000453 .000446 .000440 .000433	.000442 .000436 .000431 .000425 .000419	.000426 .000421 .000416 .000410 .000405	.000410 .000406 .000401 .000396 .000391	.000395 .000391 .000387 .000383 .000378	.000381 .000377 .000373 .000369 .000365
22.5		.000569 .000555 .000542 .000529 .000517	.000551 .000539 .000527 .000514 .000503	.000534 .000523 .000511 .000500 .000489	.000518 .000507 .000496 .000486 .000475	.000502 .000491 .000481 .000472 .000462	.000486 .000476 .000467 .000458 .000449	.000470 .000462 .000453 .000444 .000436	.000455 .000447 .000439 .000431 .000423	.000441 .000433 .000426 .000418 .000411	.000426 .000419 .000413 .000406 .000399	.000412 .000406 .000400 .000394 .000387	.000399 .000393 .000387 .000382 .000376	.000386 .000381 .000375 .000370 .000365	.000373 .000369 .000364 .000359 .000354	.000361 .000357 .000352 .000348 .000343

$H_z(r, z)$

r	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.5	29.0	29.5
z															
0	.000000 .000022 .000044 .000066 .000087	-.000000 .000021 .000041 .000061 .000081	-.000000 .000019 .000039 .000058 .000076	-.000000 .000018 .000036 .000054 .000072	.000000 .000017 .000034 .000051 .000067	-.000000 .000016 .000032 .000048 .000064	-.000000 .000015 .000030 .000045 .000060	.000000 .000014 .000028 .000043 .000056	-.000000 .000013 .000027 .000040 .000053	-.000000 .000013 .000025 .000038 .000050	.000000 .000012 .000024 .000036 .000048	.000000 .000011 .000023 .000034 .000045	.000000 .000011 .000022 .000032 .000043	-.000000 .000011 .000020 .000031 .000041	-.000000 .000010 .000019 .000029 .000039
2.5	.000108 .000129 .000149 .000168 .000187	.000101 .000120 .000139 .000158 .000175	.000095 .000113 .000131 .000148 .000165	.000089 .000106 .000123 .000139 .000155	.000084 .000100 .000116 .000131 .000146	.000079 .000094 .000109 .000123 .000138	.000074 .000089 .000103 .000116 .000130	.000070 .000084 .000097 .000110 .000123	.000066 .000079 .000092 .000104 .000116	.000063 .000075 .000087 .000098 .000110	.000059 .000071 .000082 .000093 .000104	.000056 .000067 .000078 .000089 .000099	.000053 .000064 .000074 .000084 .000094	.000051 .000061 .000070 .000080 .000089	.000048 .000058 .000067 .000076 .000085
5.0	.000205 .000222 .000238 .000253 .000268	.000192 .000208 .000224 .000238 .000252	.000181 .000196 .000211 .000225 .000238	.000170 .000185 .000198 .000212 .000224	.000160 .000174 .000187 .000200 .000212	.000151 .000164 .000177 .000189 .000200	.000143 .000155 .000167 .000179 .000190	.000135 .000147 .000158 .000169 .000180	.000128 .000139 .000150 .000160 .000170	.000121 .000132 .000142 .000152 .000161	.000115 .000125 .000135 .000144 .000153	.000109 .000119 .000128 .000137 .000146	.000103 .000113 .000122 .000130 .000139	.000098 .000107 .000116 .000124 .000132	.000093 .000102 .000110 .000118 .000126
7.5	.000282 .000294 .000306 .000317 .000327	.000265 .000277 .000289 .000299 .000309	.000250 .000262 .000273 .000283 .000292	.000236 .000247 .000258 .000268 .000277	.000223 .000234 .000244 .000253 .000262	.000211 .000221 .000231 .000240 .000249	.000200 .000210 .000219 .000228 .000236	.000190 .000199 .000208 .000216 .000224	.000180 .000189 .000197 .000206 .000213	.000171 .000179 .000188 .000195 .000203	.000162 .000170 .000173 .000185 .000193	.000154 .000162 .000170 .000177 .000184	.000147 .000154 .000162 .000169 .000175	.000140 .000147 .000154 .000161 .000167	.000133 .000140 .000147 .000154 .000160
10.0	.000335 .000343 .000351 .000357 .000362	.000317 .000325 .000332 .000339 .000344	.000301 .000308 .000315 .000321 .000327	.000285 .000292 .000299 .000305 .000311	.000270 .000278 .000284 .000290 .000296	.000256 .000264 .000270 .000276 .000282	.000244 .000251 .000257 .000263 .000268	.000232 .000238 .000245 .000250 .000256	.000220 .000227 .000233 .000239 .000244	.000210 .000216 .000222 .000228 .000233	.000200 .000206 .000212 .000217 .000222	.000190 .000197 .000202 .000208 .000212	.000182 .000188 .000193 .000198 .000203	.000173 .000179 .000185 .000190 .000194	.000166 .000171 .000176 .000181 .000186
12.5	.000367 .000371 .000374 .000376 .000378	.000349 .000353 .000356 .000359 .000361	.000332 .000336 .000339 .000342 .000345	.000316 .000320 .000324 .000327 .000329	.000301 .000305 .000309 .000312 .000314	.000286 .000291 .000295 .000298 .000301	.000273 .000277 .000281 .000285 .000287	.000261 .000265 .000269 .000272 .000275	.000249 .000253 .000257 .000260 .000263	.000238 .000242 .000246 .000249 .000252	.000227 .000231 .000235 .000238 .000241	.000217 .000221 .000225 .000228 .000231	.000208 .000212 .000215 .000219 .000222	.000199 .000203 .000206 .000210 .000213	.000190 .000194 .000198 .000201 .000204
15.0	.000380 .000380 .000380 .000380 .000379	.000363 .000364 .000364 .000364 .000364	.000346 .000348 .000348 .000349 .000349	.000331 .000333 .000334 .000334 .000334	.000317 .000318 .000320 .000320 .000321	.000303 .000305 .000306 .000307 .000308	.000290 .000292 .000293 .000295 .000295	.000278 .000280 .000281 .000283 .000284	.000266 .000268 .000270 .000271 .000273	.000255 .000257 .000259 .000261 .000262	.000244 .000247 .000249 .000250 .000252	.000234 .000237 .000239 .000240 .000242	.000225 .000227 .000229 .000231 .000233	.000216 .000218 .000220 .000222 .000224	.000207 .000210 .000212 .000214 .000215
17.5	.000378 .000376 .000374 .000372 .000370	.000363 .000361 .000360 .000358 .000356	.000348 .000347 .000346 .000344 .000343	.000334 .000333 .000333 .000331 .000330	.000321 .000320 .000320 .000319 .000318	.000308 .000308 .000308 .000307 .000306	.000296 .000296 .000296 .000296 .000295	.000284 .000285 .000285 .000285 .000284	.000273 .000274 .000274 .000274 .000274	.000263 .000264 .000264 .000264 .000264	.000253 .000254 .000254 .000255 .000255	.000243 .000244 .000245 .000245 .000246	.000234 .000235 .000236 .000237 .000237	.000225 .000226 .000227 .000228 .000229	.000217 .000218 .000219 .000220 .000221
20.0	.000367 .000364 .000360 .000357 .000353	.000353 .000351 .000348 .000345 .000341	.000340 .000338 .000336 .000333 .000330	.000328 .000326 .000324 .000321 .000319	.000316 .000315 .000313 .000310 .000308	.000305 .000303 .000302 .000300 .000296	.000294 .000293 .000291 .000290 .000288	.000283 .000283 .000281 .000280 .000279	.000273 .000273 .000272 .000271 .000269	.000264 .000263 .000262 .000262 .000260	.000254 .000254 .000254 .000253 .000252	.000246 .000245 .000245 .000244 .000244	.000237 .000237 .000237 .000236 .000236	.000229 .000229 .000229 .000229 .000228	.000221 .000221 .000221 .000221 .000221
22.5	.000349 .000345 .000341 .000337 .000333	.000338 .000334 .000331 .000327 .000323	.000327 .000324 .000320 .000317 .000313	.000316 .000313 .000310 .000307 .000304	.000306 .000303 .000300 .000298 .000295	.000296 .000293 .000291 .000288 .000286	.000286 .000284 .000282 .000280 .000277	.000277 .000275 .000273 .000271 .000269	.000268 .000266 .000265 .000263 .000261	.000259 .000258 .000256 .000255 .000253	.000251 .000250 .000248 .000247 .000245	.000243 .000242 .000241 .000239 .000238	.000235 .000234 .000233 .000232 .000231	.000228 .000227 .000226 .000225 .000224	.000220 .000220 .000219 .000218 .000217

		A(r,z)															
r	z	.0	.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	
-25.0	.000000	.499800	.996601	.666069	.499205	.399009	.332148	.284336	.248432	.220467	.198060	.179697	.164368	.151374	.140214		
	.000000	.499792	.999585	.666044	.499172	.398968	.332099	.284280	.248369	.220396	.197983	.179613	.164277	.151277	.140112		
	.000000	.499783	.999567	.666018	.499138	.398925	.332048	.284221	.248301	.220321	.197901	.179524	.164181	.151174	.140003		
	.000000	.499774	.999549	.665991	.499101	.398879	.331993	.284158	.248230	.220242	.197813	.179429	.164080	.151066	.139888		
	.000000	.499764	.999529	.665961	.499061	.398831	.331935	.284091	.248154	.220157	.197721	.179329	.163972	.150950	.139766		
-22.5	.000000	.499754	.999508	.665929	.499020	.398779	.331873	.284019	.248073	.220067	.197622	.179222	.163857	.150828	.139637		
	.000000	.499742	.999485	.665896	.498975	.398723	.331807	.283943	.247987	.219972	.197517	.179108	.163734	.150698	.139499		
	.000000	.499730	.999461	.665860	.498927	.398664	.331737	.283861	.247894	.219869	.197405	.178986	.163604	.150559	.139353		
	.000000	.499717	.999435	.665821	.498876	.398600	.331661	.283774	.247796	.219760	.197285	.178857	.163465	.150412	.139197		
	.000000	.499703	.999407	.665779	.498821	.398532	.331580	.283680	.247690	.219642	.197157	.178718	.163317	.150254	.139031		
-20.0	.000000	.499688	.999377	.665735	.498762	.398458	.331493	.283580	.247577	.219517	.197019	.178569	.163158	.150085	.138853		
	.000000	.499672	.999345	.665687	.498698	.398379	.331399	.283471	.247455	.219382	.196872	.178410	.162988	.149905	.138663		
	.000000	.499655	.999310	.665635	.498629	.398294	.331298	.283355	.247324	.219237	.196714	.178240	.162805	.149712	.138460		
	.000000	.499636	.999273	.665579	.498555	.398202	.331189	.283229	.247182	.219080	.196543	.178056	.162609	.149505	.138243		
	.000000	.499615	.999232	.665518	.498474	.398103	.331071	.283094	.247030	.218912	.196359	.177858	.162398	.149282	.138009		
-17.5	.000000	.499593	.999188	.665452	.498387	.397995	.330943	.282946	.246864	.218729	.196161	.177644	.162171	.149042	.137758		
	.000000	.499569	.999139	.665380	.498292	.397877	.330803	.282787	.246685	.218531	.195946	.177414	.161926	.148784	.137488		
	.000000	.499542	.999087	.665301	.498188	.397749	.330652	.282613	.246490	.218317	.195713	.177164	.161661	.148504	.137196		
	.000000	.499513	.999029	.665216	.498075	.397609	.330487	.282423	.246278	.218083	.195459	.176892	.161373	.148202	.136881		
	.000000	.499482	.998966	.665121	.497951	.397456	.330306	.282216	.246046	.217828	.195184	.176598	.161061	.147875	.136541		
-15.0	.000000	.499447	.998896	.665018	.497814	.397287	.330107	.281989	.245792	.217550	.194883	.176276	.160722	.147520	.136172		
	.000000	.499408	.998819	.664903	.497663	.397102	.329888	.281739	.245513	.217244	.194553	.175925	.160352	.147134	.135771		
	.000000	.499365	.998734	.664777	.497497	.396897	.329647	.281464	.245206	.216909	.194192	.175542	.159948	.146712	.135336		
	.000000	.499318	.998639	.664636	.497312	.396669	.329379	.281159	.244868	.216540	.193795	.175120	.159506	.146253	.134861		
	.000000	.499264	.998534	.664479	.497105	.396416	.329082	.280821	.244493	.216132	.193358	.174657	.159021	.145750	.134344		
-12.5	.000000	.499205	.998415	.664303	.496875	.396133	.328751	.280446	.244077	.215680	.192874	.174147	.158488	.145198	.133778		
	.000000	.499138	.998282	.664106	.496615	.395816	.328380	.280026	.243613	.215177	.192338	.173582	.157900	.144592	.133157		
	.000000	.499061	.998131	.663882	.496323	.395459	.327963	.279555	.243094	.214616	.191742	.172956	.157251	.143924	.132477		
	.000000	.498975	.997959	.663628	.495991	.395055	.327493	.279024	.242512	.213989	.191077	.172261	.156531	.143187	.131728		
	.000000	.498876	.997763	.663338	.495613	.394595	.326958	.278425	.241855	.213284	.190332	.171485	.155732	.142373	.130904		
-10.0	.000000	.498762	.997537	.663005	.495179	.394069	.326349	.277743	.241111	.212489	.189496	.170618	.154843	.141469	.129993		
	.000000	.498629	.997275	.662620	.494678	.393463	.325651	.276964	.240265	.211589	.188554	.169645	.153850	.140465	.128987		
	.000000	.498474	.996969	.662171	.494097	.392762	.324846	.276071	.239299	.210565	.187488	.168551	.152739	.139348	.127872		
	.000000	.498292	.996610	.661644	.493416	.391945	.323911	.275038	.238189	.209396	.186278	.167316	.151492	.138101	.126635		
	.000000	.498075	.996182	.661020	.492613	.390986	.322819	.273839	.236908	.208056	.184900	.165917	.150090	.136708	.125261		
- 7.5	.000000	.497814	.995670	.660273	.491657	.389849	.321534	.272438	.235420	.206511	.183323	.164329	.148509	.135148	.123733		
	.000000	.497497	.995048	.659371	.490508	.388491	.320010	.270788	.233683	.204723	.181512	.162521	.146723	.133399	.122033		
	.000000	.497105	.994283	.658266	.489110	.386853	.318186	.268831	.231644	.202642	.179426	.160457	.144702	.131436	.120139		
	.000000	.496615	.993329	.656897	.487389	.384854	.315983	.266495	.229235	.200212	.177015	.158096	.142412	.129233	.118032		
	.000000	.495991	.992119	.655172	.485243	.382389	.313299	.263684	.226374	.197361	.174221	.155390	.139817	.126761	.115688		
- 5.0	.000000	.495179	.990554	.652962	.482524	.379307	.309994	.260274	.222955	.194004	.170975	.152288	.136876	.123988	.113085		
	.000000	.494097	.988485	.650072	.479022	.375404	.305882	.256108	.218850	.190041	.167203	.148732	.133547	.120886	.110203		
	.000000	.492613	.985674	.646206	.474423	.370387	.300711	.250982	.213904	.185356	.162818	.144664	.129790	.117427	.107022		
	.000000	.490508	.981736	.640895	.468258	.363841	.294145	.244642	.207932	.179818	.157735	.140024	.125567	.113588	.103530		
	.000000	.487389	.976005	.633371	.459804	.355168	.285738	.236773	.200723	.173295	.151870	.134764	.120851	.109354	.099720		
- 2.5	.000000	.482524	.967282	.622330	.447930	.343523	.274914	.227013	.192060	.165661	.145155	.128851	.115629	.104725	.095598		
	.000000	.474423	.953247	.605469	.430856	.327737	.260987	.214987	.181754	.156830	.137559	.122281	.109911	.099714	.091181		
	.000000	.459804	.929093	.578557	.405830	.306328	.243249	.200395	.169701	.146786	.129104	.115090	.103734	.094360	.086501		
	.000000	.430856	.883895	.533622	.368962	.277792	.221239	.183171	.155967	.135631	.119890	.107364	.097171	.088720	.081605		
	.000000	.368962	.788956	.456219	.316405	.241610	.195221	.163684	.140870	.123610	.110100	.099242	.090326	.082875	.076557

A(r,z)															
r	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5
z															
-25.0	.130525 .130416 .130302 .130181 .130053	.122030 .121916 .121796 .121669 .121535	.114519 .114401 .114276 .114144 .114004	.107830 .107707 .107577 .107440 .107295	.101834 .101707 .101572 .101431 .101281	.096427 .096296 .096158 .096012 .095858	.091526 .091391 .091249 .091100 .090942	.087063 .086925 .086780 .086626 .086465	.082981 .082840 .082692 .082535 .082371	.079234 .079090 .078938 .078779 .078612	.075781 .075634 .075480 .075319 .075149	.072589 .072440 .072284 .072121 .071949	.069630 .069479 .069321 .069156 .068983	.066879 .066727 .066567 .066401 .066226	.064315 .064161 .064001 .063833 .063657
-22.5	.129916 .129772 .129618 .129455 .129281	.121393 .121242 .121081 .120911 .120730	.113856 .113699 .113532 .113355 .113167	.107142 .106980 .106808 .106625 .106431	.101123 .100956 .100778 .100590 .100391	.095695 .095523 .095341 .095149 .094945	.090775 .090599 .090413 .090217 .090008	.086295 .086115 .085926 .085725 .085513	.082198 .082015 .081822 .081619 .081404	.078436 .078251 .078055 .077849 .077632	.074971 .074783 .074586 .074377 .074158	.071769 .071579 .071380 .071170 .070949	.068801 .068609 .068408 .068197 .067975	.066042 .065850 .065648 .065436 .065213	.063472 .063279 .063076 .062864 .062641
-20.0	.129095 .128897 .128685 .128457 .128214	.120536 .120330 .120110 .119874 .119622	.112967 .112754 .112526 .112284 .112024	.106225 .106005 .105771 .105522 .105255	.100179 .099954 .099715 .099459 .099187	.094728 .094498 .094254 .093994 .093717	.089788 .089553 .089305 .089041 .088760	.085289 .085052 .084800 .084533 .084249	.081176 .080936 .080681 .080412 .080126	.077402 .077159 .076903 .076631 .076344	.073926 .073682 .073424 .073151 .072863	.070716 .070470 .070211 .069938 .069650	.067741 .067495 .067236 .066963 .066675	.064979 .064732 .064473 .064200 .063913	.062406 .062160 .061901 .061630 .061344
-17.5	.127953 .127672 .127370 .127044 .126692	.119352 .119062 .118750 .118415 .118053	.111746 .111448 .111128 .110785 .110415	.104970 .104666 .104339 .103989 .103614	.098897 .098587 .098255 .097900 .097519	.093422 .093107 .092771 .092412 .092028	.088462 .088144 .087805 .087443 .087057	.083948 .083627 .083286 .082923 .082536	.079823 .079501 .079159 .078795 .078408	.076040 .075717 .075374 .075011 .074626	.072558 .072236 .071894 .071532 .071148	.069345 .069023 .068683 .068323 .067942	.066371 .066050 .065712 .065354 .064977	.063611 .063292 .062956 .062602 .062228	.061043 .060727 .060394 .060043 .059674
-15.0	.126311 .125899 .125451 .124965 .124436	.117663 .117241 .116784 .116289 .115752	.110017 .109588 .109124 .108623 .108080	.103209 .102775 .102306 .101801 .101255	.097111 .096672 .096201 .095694 .095147	.091617 .091177 .090704 .090197 .089652	.086644 .086203 .085731 .085225 .084683	.082123 .081683 .081212 .080710 .080173	.077996 .077558 .077091 .076592 .076061	.074216 .073780 .073317 .072825 .072300	.070741 .070310 .069852 .069365 .068849	.067538 .067111 .066659 .066180 .065673	.064578 .064156 .063711 .063240 .062742	.061834 .061419 .060980 .060518 .060030	.059286 .058877 .058446 .057992 .057514
-12.5	.123860 .123230 .122540 .121785 .120957	.115168 .114532 .113838 .113081 .112254	.107491 .106853 .106159 .105403 .104581	.100665 .100027 .099335 .098585 .097771	.094558 .093923 .093236 .092495 .091693	.089066 .088435 .087756 .087025 .086238	.084102 .083479 .082810 .082091 .081319	.079598 .078983 .078325 .077621 .076866	.075494 .074889 .074244 .073555 .072819	.071742 .071149 .070516 .069844 .069127	.068301 .067719 .067101 .066445 .065749	.065136 .064566 .063963 .063324 .062648	.062215 .061659 .061071 .060450 .059794	.059515 .058972 .058399 .057795 .057160	.057011 .056482 .055925 .055339 .054723
-10.0	.120046 .119044 .117939 .116720 .115373	.111348 .110355 .109266 .108071 .106759	.103684 .102706 .101638 .100472 .099198	.096888 .095928 .094885 .093751 .092518	.090825 .089886 .088870 .087771 .086582	.085388 .084473 .083487 .082423 .081278	.080490 .079600 .078644 .077618 .076518	.076059 .075195 .074270 .073281 .072225	.072034 .071197 .070304 .069352 .068339	.068365 .067555 .066693 .065779 .064808	.065010 .064227 .063397 .062518 .061588	.061932 .061176 .060376 .059533 .058643	.059101 .058371 .057602 .056792 .055940	.056490 .055786 .055046 .054268 .053453	.054076 .053397 .052685 .051939 .051158
- 7.5	.113886 .112241 .110424 .108416 .106202	.105317 .103734 .101996 .100090 .098004	.097806 .096287 .094630 .092825 .090862	.091179 .089725 .088148 .086441 .084596	.085296 .083907 .082409 .080796 .079064	.080046 .078722 .077300 .075777 .074149	.075338 .074076 .072728 .071290 .069761	.071098 .069896 .068618 .067261 .065823	.067262 .066119 .064907 .063625 .062273	.063780 .062692 .061543 .060332 .059058	.060607 .059571 .058482 .057337 .056137	.057706 .056720 .055687 .054604 .053472	.055045 .054108 .053126 .052101 .051032	.052599 .051706 .050773 .049802 .048792	.050343 .049492 .048606 .047684 .046729
- 5.0	.103765 .101090 .098167 .094986 .091550	.095726 .093245 .090556 .087655 .084545	.088734 .086434 .083958 .081306 .078482	.082609 .080475 .078192 .075762 .073190	.077207 .075225 .073117 .070885 .068535	.072414 .070572 .068621 .066567 .064413	.068138 .066423 .064615 .062719 .060739	.064304 .062704 .061026 .059272 .057447	.060849 .059356 .057794 .056168 .054481	.057723 .056326 .054871 .053359 .051796	.054882 .053574 .052215 .050808 .049355	.052292 .051065 .049794 .048480 .047127	.049921 .048769 .047577 .046349 .045087	.047744 .046660 .045542 .044391 .043211	.045740 .044719 .043667 .042587 .041481
- 2.5	.087863 .083945 .079822 .075535 .071131	.081233 .077739 .074082 .070297 .066422	.075495 .072360 .069096 .065732 .062296	.070484 .067658 .064729 .061719 .058652	.066075 .063516 .060874 .058164 .055409	.062167 .059840 .057444 .054994 .052506	.058682 .056558 .054376 .052149 .049892	.055557 .053609 .051614 .049582 .047525	.052738 .050948 .049117 .047255 .045372	.050185 .048534 .046848 .045136 .043406	.047862 .046334 .044777 .043197 .041603	.045740 .044322 .042880 .041418 .039943	.043794 .042475 .041135 .039779 .038411	.042004 .040774 .039526 .038264 .036991	.040351 .039203 .038037 .036859 .035673

		A(r,z)														
r	z	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0
-25.0		.061920	.059678	.057574	.055597	.053736	.051981	.050323	.048755	.047270	.045862	.044525	.043253	.042043	.040891	.039791
		.061765	.059522	.057418	.055441	.053579	.051824	.050167	.048599	.047114	.045706	.044369	.043099	.041890	.040738	.039640
		.061604	.059360	.057255	.055278	.053416	.051661	.050003	.048436	.046952	.045544	.044209	.042939	.041731	.040580	.039483
		.061435	.059190	.057085	.055107	.053246	.051491	.049833	.048267	.046783	.045377	.044042	.042773	.041566	.040417	.039321
		.061258	.059013	.056907	.054929	.053068	.051313	.049657	.048090	.046608	.045202	.043868	.042601	.041396	.040248	.039154
-22.5		.061073	.058827	.056722	.054744	.052882	.051128	.049472	.047907	.046425	.045021	.043689	.042423	.041219	.040073	.038980
		.060879	.058633	.056527	.054550	.052689	.050936	.049281	.047716	.046236	.044833	.043502	.042238	.041036	.039891	.038801
		.060676	.058430	.056324	.054347	.052487	.050735	.049081	.047518	.046039	.044638	.043308	.042046	.040846	.039703	.038615
		.060463	.058217	.056112	.054136	.052277	.050525	.048873	.047311	.045834	.044435	.043107	.041847	.040649	.039509	.038423
		.060240	.057994	.055890	.053914	.052057	.050307	.048656	.047096	.045621	.044224	.042899	.041641	.040445	.039308	.038224
-20.0		.060006	.057761	.055658	.053683	.051827	.050079	.048430	.046872	.045399	.044004	.042682	.041427	.040234	.039099	.038019
		.059760	.057516	.055414	.053441	.051587	.049841	.048194	.046639	.045169	.043776	.042457	.041204	.040015	.038883	.037806
		.059503	.057260	.055160	.053189	.051336	.049592	.047948	.046396	.044929	.043540	.042223	.040974	.039788	.038660	.037586
		.059232	.056991	.054893	.052924	.051074	.049333	.047692	.046143	.044679	.043294	.041981	.040735	.039553	.038428	.037358
		.058948	.056709	.054613	.052647	.050801	.049063	.047425	.045880	.044420	.043038	.041729	.040488	.039309	.038189	.037123
-17.5		.058649	.056413	.054320	.052358	.050515	.048781	.047147	.045606	.044150	.042772	.041468	.040231	.039057	.037941	.036880
		.058336	.056103	.054014	.052055	.050216	.048486	.046857	.045320	.043869	.042496	.041196	.039964	.038795	.037684	.036628
		.058006	.055777	.053692	.051738	.049903	.048179	.046554	.045023	.043577	.042209	.040915	.039688	.038524	.037419	.036368
		.057660	.055436	.053355	.051406	.049577	.047858	.046239	.044713	.043273	.041911	.040623	.039402	.038244	.037144	.036099
		.057296	.055077	.053002	.051059	.049236	.047523	.045910	.044391	.042957	.041602	.040320	.039106	.037954	.036861	.035822
-15.0		.056913	.054700	.052632	.050695	.048879	.047173	.045568	.044055	.042629	.041281	.040006	.038798	.037654	.036567	.035535
		.056511	.054305	.052244	.050315	.048507	.046808	.045211	.043707	.042288	.040947	.039680	.038480	.037343	.036264	.035239
		.056088	.053890	.051838	.049918	.048118	.046428	.044839	.043344	.041933	.040601	.039343	.038151	.037022	.035951	.034934
		.055644	.053455	.051412	.049502	.047711	.046031	.044452	.042966	.041565	.040243	.038993	.037810	.036690	.035628	.034619
		.055176	.052999	.050966	.049067	.047287	.045618	.044050	.042574	.041183	.039871	.038631	.037458	.036347	.035294	.034294
-12.5		.054685	.052520	.050500	.048612	.046845	.045187	.043630	.042166	.040787	.039485	.038256	.037094	.035993	.034950	.033960
		.054169	.052018	.050011	.048137	.046383	.044739	.043195	.041743	.040376	.039086	.037869	.036718	.035628	.034595	.033615
		.053628	.051491	.049500	.047641	.045902	.044272	.042742	.041304	.039950	.038673	.037468	.036329	.035251	.034230	.033261
		.053059	.050940	.048966	.047123	.045400	.043786	.042271	.040848	.039509	.038246	.037055	.035929	.034863	.033854	.032896
		.052463	.050363	.048408	.046583	.044878	.043281	.041783	.040376	.039052	.037805	.036628	.035515	.034463	.033467	.032522
-10.0		.051838	.049760	.047825	.046021	.044335	.042757	.041277	.039887	.038580	.037349	.036187	.035090	.034052	.033069	.032137
		.051184	.049129	.047217	.045435	.043770	.042213	.040752	.039382	.038092	.036878	.035733	.034652	.033629	.032660	.031742
		.050499	.048470	.046584	.044826	.043184	.041649	.040210	.038859	.037589	.036393	.035266	.034201	.033194	.032241	.031337
		.049783	.047783	.045924	.044192	.042576	.041064	.039648	.038319	.037070	.035894	.034785	.033738	.032748	.031811	.030923
		.049035	.047067	.045239	.043535	.041946	.040460	.039069	.037763	.036535	.035380	.034291	.033263	.032291	.031371	.030499
- 7.5		.048256	.046323	.044527	.042854	.041294	.039836	.038471	.037189	.035986	.034853	.033784	.032776	.031823	.030921	.030065
		.047445	.045549	.043789	.042150	.040621	.039192	.037855	.036600	.035421	.034311	.033265	.032277	.031344	.030460	.029623
		.046603	.044747	.043024	.041421	.039926	.038529	.037221	.035994	.034841	.033756	.032733	.031767	.030855	.029990	.029171
		.045728	.043917	.042235	.040670	.039211	.037847	.036570	.035372	.034247	.033188	.032189	.031247	.030355	.029511	.028711
		.044823	.043059	.041421	.039896	.038475	.037147	.035903	.034736	.033640	.032607	.031634	.030715	.029846	.029024	.028243
- 5.0		.043889	.042174	.040582	.039101	.037720	.036429	.035220	.034085	.033019	.032015	.031068	.030174	.029329	.028527	.027768
		.042925	.041264	.039721	.038286	.036947	.035695	.034522	.033421	.032386	.031412	.030492	.029624	.028802	.028024	.027285
		.041935	.040330	.038839	.037451	.036156	.034945	.033810	.032744	.031742	.030798	.029907	.029065	.028268	.027513	.026796
		.040919	.039373	.037937	.036599	.035350	.034181	.033085	.032056	.031088	.030175	.029313	.028498	.027727	.026995	.026301
		.039881	.038397	.037017	.035731	.034529	.033405	.032349	.031358	.030424	.029544	.028712	.027925	.027179	.026472	.025800
- 2.5		.038822	.037402	.036081	.034849	.033696	.032617	.031603	.030650	.029752	.028905	.028104	.027345	.026626	.025944	.025295
		.037746	.036392	.035132	.033954	.032853	.031819	.030849	.029935	.029073	.028260	.027490	.026761	.026069	.025412	.024786
		.036656	.035370	.034171	.033050	.032000	.031014	.030087	.029214	.028389	.027610	.026871	.026172	.025507	.024876	.024274
		.035554	.034338	.033202	.032139	.031141	.030203	.029320	.028487	.027700	.026956	.026250	.025580	.024943	.024337	.023760
		.034446	.033300	.032228	.031222	.030278	.029388	.028550	.027758	.027009	.026299	.025625	.024985	.024377	.023797	.023244

		A(r,z)														
z	r	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.5	29.0	29.5
-25.0		.038742	.037740	.036782	.035864	.034986	.034144	.033337	.032562	.031817	.031102	.030414	.029752	.029115	.028501	.027909
		.038592	.037591	.036634	.035718	.034841	.034001	.033195	.032421	.031679	.030965	.030278	.029618	.028982	.028370	.027780
		.038437	.037437	.036481	.035567	.034692	.033853	.033049	.032277	.031536	.030824	.030139	.029480	.028846	.028236	.027647
		.038276	.037278	.036324	.035411	.034538	.033701	.032898	.032128	.031389	.030678	.029996	.029339	.028707	.028098	.027511
		.038110	.037114	.036161	.035251	.034379	.033544	.032743	.031975	.031237	.030529	.029848	.029194	.028564	.027957	.027372
-22.5		.037939	.036944	.035994	.035085	.034215	.033382	.032583	.031817	.031082	.030376	.029697	.029045	.028417	.027812	.027230
		.037761	.036769	.035820	.034914	.034046	.033215	.032419	.031655	.030922	.030218	.029542	.028892	.028266	.027664	.027084
		.037578	.036587	.035641	.034737	.033872	.033043	.032249	.031488	.030758	.030056	.029383	.028735	.028111	.027512	.026934
		.037388	.036400	.035457	.034555	.033692	.032866	.032075	.031317	.030589	.029890	.029219	.028574	.027953	.027356	.026780
		.037192	.036207	.035266	.034367	.033507	.032684	.031896	.031140	.030415	.029719	.029051	.028408	.027790	.027196	.026623
-20.0		.036989	.036007	.035070	.034174	.033317	.032497	.031711	.030959	.030237	.029544	.028878	.028239	.027624	.027032	.026462
		.036780	.035801	.034866	.033974	.033120	.032303	.031521	.030772	.030053	.029363	.028701	.028065	.027453	.026864	.026297
		.036563	.035588	.034657	.033768	.032918	.032105	.031326	.030580	.029865	.029178	.028519	.027886	.027278	.026692	.026129
		.036339	.035368	.034441	.033556	.032709	.031900	.031125	.030383	.029671	.028988	.028333	.027703	.027098	.026516	.025956
		.036108	.035141	.034218	.033337	.032495	.031689	.030918	.030180	.029472	.028793	.028142	.027516	.026914	.026336	.025779
-17.5		.035869	.034906	.033988	.033111	.032273	.031472	.030706	.029972	.029268	.028593	.027946	.027324	.026726	.026152	.025599
		.035623	.034665	.033751	.032879	.032046	.031249	.030487	.029758	.029058	.028388	.027745	.027127	.026533	.025963	.025414
		.035368	.034415	.033507	.032640	.031812	.031020	.030263	.029538	.028843	.028178	.027539	.026925	.026336	.025770	.025225
		.035105	.034158	.033255	.032393	.031571	.030784	.030032	.029313	.028623	.027962	.027328	.026719	.026134	.025572	.025032
		.034833	.033892	.032995	.032140	.031323	.030542	.029796	.029081	.028397	.027741	.027112	.026508	.025928	.025371	.024835
-15.0		.034553	.033619	.032728	.031879	.031068	.030293	.029553	.028844	.028165	.027515	.026891	.026292	.025717	.025165	.024633
		.034264	.033337	.032453	.031610	.030806	.030038	.029303	.028600	.027928	.027283	.026665	.026071	.025502	.024954	.024428
		.033967	.033047	.032170	.031334	.030537	.029775	.029048	.028351	.027684	.027046	.026433	.025846	.025281	.024739	.024218
		.033660	.032748	.031879	.031051	.030261	.029506	.028785	.028096	.027435	.026803	.026197	.025615	.025056	.024520	.024004
		.033344	.032440	.031580	.030760	.029977	.029230	.028517	.027834	.027181	.026555	.025955	.025379	.024827	.024296	.023786
-12.5		.033019	.032124	.031272	.030461	.029687	.028948	.028242	.027566	.026920	.026301	.025708	.025139	.024593	.024068	.023564
		.032684	.031799	.030957	.030154	.029389	.028658	.027960	.027293	.026654	.026042	.025456	.024894	.024354	.023836	.023338
		.032341	.031466	.030633	.029840	.029083	.028362	.027672	.027013	.026382	.025778	.025199	.024644	.024111	.023599	.023107
		.031987	.031123	.030301	.029518	.028771	.028058	.027378	.026727	.026104	.025508	.024937	.024389	.023863	.023358	.022873
		.031624	.030772	.029960	.029188	.028451	.027748	.027077	.026435	.025821	.025233	.024670	.024130	.023611	.023113	.022635
-10.0		.031252	.030411	.029612	.028850	.028124	.027431	.026770	.026137	.025532	.024953	.024398	.023865	.023355	.022864	.022392
		.030871	.030043	.029255	.028505	.027790	.027108	.026456	.025833	.025238	.024667	.024121	.023597	.023094	.022611	.022146
		.030480	.029665	.028890	.028152	.027449	.026778	.026137	.025524	.024938	.024377	.023839	.023324	.022829	.022354	.021897
		.030080	.029279	.028517	.027792	.027101	.026441	.025811	.025209	.024633	.024082	.023553	.023046	.022560	.022093	.021644
		.029671	.028885	.028137	.027425	.026746	.026099	.025480	.024889	.024323	.023782	.023263	.022765	.022287	.021828	.021387
- 7.5		.029254	.028483	.027749	.027051	.026385	.025750	.025143	.024563	.024008	.023477	.022968	.022479	.022010	.021560	.021127
		.028828	.028072	.027354	.026670	.026018	.025395	.024801	.024233	.023689	.023168	.022669	.022190	.021730	.021289	.020864
		.028394	.027655	.026952	.026283	.025644	.025035	.024454	.023897	.023365	.022855	.022366	.021897	.021447	.021014	.020598
		.027952	.027230	.026543	.025889	.025265	.024670	.024101	.023557	.023036	.022538	.022059	.021600	.021160	.020736	.020329
		.027502	.026798	.026128	.025490	.024881	.024300	.023744	.023213	.022704	.022217	.021749	.021301	.020870	.020455	.020057
- 5.0		.027046	.026360	.025707	.025085	.024491	.023925	.023383	.022864	.022368	.021892	.021436	.020998	.020577	.020172	.019783
		.026583	.025916	.025281	.024675	.024097	.023545	.023017	.022512	.022028	.021564	.021119	.020692	.020281	.019886	.019506
		.026115	.025466	.024849	.024260	.023699	.023162	.022648	.022156	.021685	.021234	.020800	.020384	.019983	.019598	.019227
		.025640	.025012	.024413	.023842	.023296	.022775	.022276	.021798	.021340	.020900	.020478	.020073	.019683	.019308	.018947
		.025161	.024553	.023973	.023419	.022890	.022384	.021900	.021436	.020991	.020565	.020155	.019760	.019381	.019016	.018665
- 2.5		.024678	.024090	.023529	.022993	.022481	.021991	.021522	.021072	.020641	.020227	.019829	.019446	.019078	.018723	.018381
		.024191	.023624	.023082	.022565	.022070	.021596	.021142	.020707	.020289	.019887	.019501	.019130	.018773	.018428	.018096
		.023702	.023155	.022633	.022134	.021656	.021199	.020760	.020339	.019935	.019546	.019173	.018813	.018466	.018132	.017810
		.023210	.022684	.022182	.021701	.021241	.020800	.020377	.019970	.019580	.019204	.018843	.018495	.018159	.017836	.017524
		.022716	.022212	.021729	.021268	.020825	.020400	.019992	.019601	.019224	.018862	.018513	.018176	.017852	.017539	.017237

		A(r,z)														
z	r	.0	.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
.0	.0	.000000	.250000	.500000	.333333	.250000	.200000	.166667	.142857	.125000	.111111	.100000	.090909	.083333	.076923	.071429
	.0	.000000	.131038	.211044	.210448	.183595	.158390	.138112	.122030	.109130	.098612	.089900	.082576	.076341	.070971	.066300
	.0	.000000	.069144	.116105	.133044	.131038	.122208	.112094	.102543	.094033	.086591	.080110	.074454	.069496	.065126	.061252
	.0	.000000	.040196	.070907	.088110	.094170	.093672	.090084	.085319	.080299	.075436	.070896	.066728	.062933	.059486	.056356
	.0	.000000	.025577	.046753	.061197	.069144	.072263	.072347	.070727	.068246	.065393	.062441	.059537	.056756	.054132	.051676
2.5	.0	.000000	.017476	.032718	.044336	.052070	.056477	.058419	.058701	.057940	.056561	.054845	.052967	.051037	.049122	.047259
	.0	.000000	.012611	.023995	.033296	.040196	.044832	.047596	.048941	.049277	.048927	.048130	.047054	.045815	.044492	.043137
	.0	.000000	.009492	.018264	.025772	.031742	.036159	.039188	.041072	.042068	.042404	.042265	.041794	.041099	.040258	.039327
	.0	.000000	.007387	.014326	.020460	.025577	.029613	.032622	.034732	.036096	.036867	.037182	.037155	.036877	.036419	.035835
	.0	.000000	.005903	.011515	.016594	.020978	.024596	.027452	.029606	.031150	.032181	.032797	.033086	.033120	.032960	.032655
5.0	.0	.000000	.004821	.009446	.013704	.017476	.020693	.023339	.025440	.027045	.028218	.029025	.029530	.029791	.029858	.029772
	.0	.000000	.004009	.007881	.011494	.014757	.017611	.020034	.022031	.023626	.024861	.025779	.026428	.026850	.027085	.027169
	.0	.000000	.003385	.006671	.009770	.012611	.015146	.017350	.019219	.020765	.022010	.022985	.023722	.024255	.024613	.024825
	.0	.000000	.002895	.005717	.008400	.010890	.013147	.015148	.016883	.018356	.019580	.020574	.021361	.021965	.022410	.022718
	.0	.000000	.002503	.004952	.007296	.009492	.011509	.013324	.014927	.016317	.017500	.018488	.019297	.019944	.020447	.020824
7.5	.0	.000000	.002186	.004330	.006394	.008343	.010151	.011799	.013277	.014580	.015711	.016677	.017489	.018158	.018698	.019124
	.0	.000000	.001925	.003818	.005647	.007387	.009014	.010514	.011875	.013092	.014166	.015100	.015901	.016577	.017138	.017596
	.0	.000000	.001708	.003390	.005023	.006584	.008055	.009422	.010676	.011811	.012826	.013722	.014502	.015174	.015745	.016222
	.0	.000000	.001526	.003031	.004496	.005903	.007238	.008487	.009644	.010701	.011657	.012512	.013267	.013928	.014498	.014985
	.0	.000000	.001371	.002725	.004047	.005322	.006537	.007682	.008750	.009735	.010634	.011446	.012173	.012816	.013381	.013870
10.0	.0	.000000	.001238	.002463	.003661	.004821	.005931	.006984	.007971	.008889	.009734	.010504	.011200	.011824	.012377	.012864
	.0	.000000	.001124	.002237	.003328	.004387	.005405	.006375	.007290	.008145	.008939	.009668	.010333	.010934	.011474	.011953
	.0	.000000	.001025	.002041	.003038	.004009	.004945	.005841	.006690	.007488	.008234	.008923	.009557	.010135	.010659	.011129
	.0	.000000	.000938	.001869	.002784	.003677	.004541	.005370	.006160	.006906	.007606	.008258	.008862	.009416	.009922	.010380
	.0	.000000	.000862	.001718	.002561	.003385	.004184	.004953	.005689	.006387	.007045	.007662	.008236	.008767	.009254	.009700
12.5	.0	.000000	.000795	.001585	.002363	.003125	.003867	.004582	.005269	.005923	.006543	.007126	.007672	.008179	.008648	.009080
	.0	.000000	.000736	.001466	.002187	.002895	.003584	.004251	.004893	.005507	.006090	.006642	.007161	.007646	.008097	.008514
	.0	.000000	.000682	.001361	.002031	.002688	.003331	.003954	.004555	.005132	.005682	.006205	.006698	.007161	.007594	.007996
	.0	.000000	.000635	.001266	.001890	.002503	.003103	.003687	.004251	.004794	.005313	.005808	.006277	.006719	.007134	.007521
	.0	.000000	.000592	.001181	.001763	.002337	.002898	.003445	.003975	.004487	.004978	.005447	.005893	.006315	.006713	.007086
15.0	.0	.000000	.000553	.001104	.001649	.002186	.002713	.003227	.003726	.004208	.004673	.005117	.005542	.005945	.006326	.006685
	.0	.000000	.000518	.001034	.001545	.002049	.002544	.003028	.003498	.003954	.004394	.004816	.005221	.005606	.005971	.006316
	.0	.000000	.000486	.000971	.001451	.001925	.002391	.002847	.003291	.003722	.004139	.004541	.004926	.005294	.005644	.005976
	.0	.000000	.000457	.000913	.001365	.001812	.002251	.002681	.003101	.003510	.003906	.004287	.004654	.005006	.005342	.005661
	.0	.000000	.000431	.000861	.001287	.001708	.002123	.002530	.002928	.003315	.003691	.004054	.004405	.004741	.005063	.005370
17.5	.0	.000000	.000407	.000812	.001215	.001613	.002005	.002391	.002768	.003136	.003493	.003839	.004174	.004495	.004804	.005099
	.0	.000000	.000384	.000768	.001149	.001526	.001897	.002263	.002621	.002970	.003311	.003641	.003960	.004268	.004564	.004848
	.0	.000000	.000364	.000727	.001088	.001445	.001798	.002145	.002485	.002818	.003142	.003457	.003762	.004057	.004341	.004614
	.0	.000000	.000345	.000690	.001032	.001371	.001706	.002035	.002359	.002676	.002985	.003286	.003579	.003861	.004134	.004397
	.0	.000000	.000328	.000655	.000980	.001302	.001621	.001934	.002243	.002545	.002840	.003128	.003408	.003679	.003941	.004194
20.0	.0	.000000	.000311	.000623	.000932	.001238	.001542	.001841	.002135	.002423	.002705	.002981	.003249	.003509	.003761	.004004
	.0	.000000	.000297	.000593	.000887	.001179	.001468	.001753	.002034	.002310	.002580	.002843	.003100	.003350	.003592	.003827
	.0	.000000	.000283	.000565	.000846	.001124	.001400	.001672	.001941	.002204	.002463	.002715	.002962	.003202	.003435	.003660
	.0	.000000	.000270	.000539	.000807	.001073	.001336	.001597	.001853	.002106	.002353	.002595	.002832	.003063	.003287	.003504
	.0	.000000	.000258	.000515	.000771	.001025	.001277	.001526	.001772	.002013	.002251	.002483	.002711	.002932	.003148	.003358
22.5	.0	.000000	.000246	.000492	.000737	.000980	.001221	.001460	.001695	.001927	.002155	.002378	.002597	.002810	.003018	.003220
	.0	.000000	.000236	.000471	.000705	.000938	.001169	.001398	.001624	.001846	.002065	.002279	.002490	.002695	.002896	.003091
	.0	.000000	.000226	.000451	.000676	.000899	.001121	.001340	.001557	.001770	.001980	.002187	.002389	.002587	.002780	.002969
	.0	.000000	.000216	.000433	.000648	.000862	.001075	.001285	.001493	.001699	.001901	.002099	.002294	.002485	.002672	.002854
	.0	.000000	.000208	.000415	.000622	.000828	.001032	.001234	.001434	.001631	.001826	.002017	.002205	.002389	.002569	.002745

		A(r, z)														
z	r	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5
.0		.066667	.062500	.058824	.055556	.052632	.050000	.047619	.045455	.043478	.041667	.040000	.038462	.037037	.035714	.034483
		.062202	.058578	.055351	.052460	.049854	.047494	.045346	.043384	.041584	.039928	.038397	.036980	.035663	.034437	.033292
		.057798	.054703	.051916	.049393	.047099	.045006	.043089	.041327	.039701	.038198	.036803	.035505	.034295	.033165	.032106
		.053511	.050918	.048551	.046382	.044390	.042556	.040863	.039295	.037839	.036485	.035223	.034043	.032939	.031902	.030928
		.049388	.047262	.045287	.043453	.041747	.040160	.038681	.037300	.036009	.034800	.033666	.032601	.031599	.030654	.029763
2.5		.045470	.043767	.042152	.040627	.039188	.037833	.036556	.035353	.034218	.033148	.032138	.031183	.030280	.029425	.028614
		.041784	.040455	.039165	.037921	.036728	.035587	.034499	.033462	.032476	.031538	.030645	.029796	.028988	.028218	.027485
		.038347	.037345	.036341	.035349	.034378	.033433	.032519	.031637	.030789	.029974	.029192	.028443	.027725	.027038	.026379
		.035167	.034444	.033689	.032919	.032146	.031379	.030623	.029883	.029162	.028463	.027785	.027130	.026497	.025887	.025299
		.032243	.031755	.031213	.030636	.030038	.029428	.028815	.028205	.027601	.027007	.026426	.025858	.025305	.024768	.024247
5.0		.029568	.029274	.028913	.028502	.028056	.027586	.027100	.026605	.026107	.025611	.025118	.024631	.024153	.023684	.023226
		.027131	.026996	.026785	.026515	.026200	.025851	.025477	.025086	.024684	.024275	.023863	.023451	.023042	.022636	.022237
		.024917	.024910	.024822	.024670	.024467	.024223	.023948	.023648	.023331	.023002	.022663	.022320	.021973	.021626	.021281
		.022910	.023004	.023017	.022963	.022854	.022700	.022510	.022291	.022050	.021791	.021518	.021237	.020948	.020655	.020360
		.021092	.021266	.021360	.021386	.021356	.021278	.021162	.021013	.020838	.020642	.020429	.020203	.019966	.019723	.019474
7.5		.019448	.019683	.019841	.019932	.019967	.019954	.019900	.019811	.019694	.019554	.019393	.019217	.019029	.018830	.018623
		.017960	.018241	.018449	.018593	.018681	.018722	.018721	.018684	.018617	.018525	.018412	.018280	.018134	.017976	.017807
		.016614	.016929	.017175	.017360	.017492	.017577	.017620	.017628	.017605	.017555	.017482	.017391	.017282	.017160	.017027
		.015395	.015734	.016009	.016226	.016393	.016513	.016594	.016639	.016653	.016640	.016603	.016547	.016472	.016383	.016281
		.014290	.014645	.014941	.015183	.015377	.015527	.015638	.015714	.015760	.015779	.015773	.015747	.015703	.015643	.015569
10.0		.013287	.013652	.013963	.014223	.014438	.014612	.014748	.014850	.014923	.014968	.014990	.014991	.014973	.014938	.014890
		.012377	.012746	.013066	.013340	.013571	.013762	.013919	.014043	.014137	.014206	.014251	.014275	.014280	.014269	.014243
		.011548	.011919	.012244	.012526	.012769	.012975	.013147	.013288	.013402	.013490	.013555	.013599	.013624	.013633	.013627
		.010793	.011162	.011488	.011776	.012027	.012244	.012428	.012584	.012713	.012817	.012899	.012960	.013003	.013030	.013041
		.010104	.010468	.010794	.011084	.011341	.011565	.011759	.011926	.012067	.012185	.012281	.012357	.012415	.012457	.012484
12.5		.009474	.009832	.010156	.010446	.010705	.010934	.011136	.011311	.011462	.011591	.011699	.011788	.011859	.011914	.011954
		.008897	.009248	.009567	.009856	.010116	.010348	.010555	.010736	.010895	.011033	.011151	.011250	.011332	.011399	.011451
		.008368	.008711	.009024	.009310	.009570	.009803	.010013	.010199	.010364	.010509	.010635	.010743	.010834	.010911	.010974
		.007882	.008216	.008523	.008805	.009062	.009296	.009507	.009697	.009866	.010016	.010148	.010264	.010363	.010448	.010520
		.007435	.007759	.008059	.008336	.008591	.008823	.009035	.009226	.009399	.009553	.009690	.009812	.009918	.010010	.010089
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		.006642	.006947	.007232	.007498	.007744	.007972	.008181	.008373	.008548	.008708	.008852	.008981	.009097	.009200	.009291
		.006290	.006585	.006863	.007122	.007363	.007588	.007795	.007986	.008162	.008322	.008468	.008601	.008720	.008827	.008922
		.005964	.006250	.006519	.006772	.007008	.007229	.007433	.007623	.007798	.007959	.008106	.008240	.008362	.008473	.008572
		.005661	.005938	.006199	.006445	.006676	.006893	.007094	.007282	.007456	.007617	.007764	.007900	.008024	.008137	.008239
17.5		.005381	.005648	.005901	.006141	.006366	.006578	.006776	.006962	.007134	.007294	.007442	.007578	.007703	.007818	.007922
		.005119	.005378	.005623	.005856	.006076	.006283	.006478	.006660	.006831	.006989	.007137	.007273	.007400	.007515	.007622
		.004876	.005126	.005364	.005590	.005804	.006006	.006197	.006376	.006545	.006702	.006849	.006985	.007111	.007228	.007336
		.004649	.004890	.005121	.005340	.005549	.005746	.005933	.006109	.006275	.006431	.006576	.006712	.006838	.006955	.007064
		.004437	.004670	.004893	.005106	.005309	.005502	.005685	.005857	.006021	.006174	.006318	.006453	.006579	.006696	.006805
20.0		.004238	.004464	.004680	.004887	.005084	.005272	.005451	.005620	.005780	.005931	.006074	.006207	.006333	.006450	.006559
		.004053	.004270	.004480	.004680	.004872	.005055	.005230	.005396	.005553	.005702	.005842	.005975	.006099	.006216	.006325
		.003879	.004089	.004292	.004486	.004673	.004851	.005021	.005184	.005338	.005484	.005623	.005753	.005877	.005993	.006102
		.003715	.003919	.004115	.004304	.004485	.004659	.004825	.004983	.005134	.005278	.005414	.005544	.005666	.005781	.005889
		.003561	.003758	.003948	.004131	.004308	.004477	.004639	.004794	.004942	.005083	.005217	.005344	.005465	.005579	.005686
22.5		.003417	.003607	.003791	.003969	.004140	.004305	.004463	.004614	.004759	.004897	.005029	.005154	.005273	.005386	.005493
		.003281	.003465	.003643	.003816	.003982	.004142	.004296	.004444	.004586	.004721	.004851	.004974	.005091	.005203	.005309
		.003152	.003331	.003503	.003671	.003832	.003988	.004138	.004283	.004421	.004554	.004681	.004802	.004918	.005028	.005133
		.003031	.003204	.003371	.003534	.003691	.003842	.003989	.004130	.004265	.004395	.004520	.004639	.004753	.004861	.004965
		.002917	.003084	.003246	.003404	.003556	.003704	.003847	.003984	.004116	.004244	.004366	.004483	.004595	.004702	.004804

		A(r,z)														
r	z	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0
0		.033333	.032258	.031250	.030303	.029412	.028571	.027778	.027027	.026316	.025641	.025000	.024390	.023810	.023256	.022727
		.032221	.031216	.030272	.029384	.028546	.027754	.027006	.026296	.025623	.024983	.024375	.023795	.023242	.022715	.022210
		.031112	.030178	.029298	.028467	.027682	.026939	.026235	.025567	.024931	.024327	.023750	.023201	.022676	.022174	.021694
		.030011	.029146	.028329	.027556	.026823	.026128	.025468	.024840	.024243	.023673	.023129	.022609	.022112	.021636	.021180
		.028921	.028124	.027368	.026652	.025971	.025323	.024707	.024119	.023558	.023022	.022510	.022020	.021550	.021100	.020668
2.5		.027845	.027114	.026419	.025757	.025127	.024526	.023952	.023404	.022879	.022377	.021896	.021435	.020993	.020568	.020159
		.026786	.026119	.025483	.024875	.024294	.023738	.023206	.022696	.022207	.021738	.021288	.020856	.020440	.020039	.019654
		.025748	.025143	.024563	.024007	.023474	.022962	.022470	.021998	.021544	.021107	.020687	.020282	.019892	.019516	.019154
		.024732	.024186	.023661	.023155	.022667	.022198	.021746	.021310	.020889	.020484	.020093	.019715	.019351	.018999	.018659
		.023742	.023252	.022779	.022320	.021877	.021448	.021034	.020633	.020245	.019870	.019508	.019157	.018817	.018488	.018170
5.0		.022778	.022342	.021918	.021505	.021104	.020714	.020336	.019969	.019613	.019267	.018932	.018606	.018291	.017984	.017687
		.021843	.021457	.021079	.020710	.020349	.019996	.019653	.019318	.018992	.018675	.018366	.018065	.017773	.017488	.017211
		.020938	.020599	.020265	.019936	.019613	.019296	.018985	.018682	.018384	.018094	.017811	.017534	.017264	.017000	.016743
		.020064	.019769	.019476	.019185	.018897	.018614	.018335	.018060	.017791	.017526	.017267	.017013	.016764	.016521	.016283
		.019221	.018967	.018711	.018456	.018203	.017951	.017701	.017454	.017211	.016971	.016735	.016503	.016275	.016051	.015832
7.5		.018410	.018193	.017973	.017752	.017529	.017307	.017085	.016865	.016646	.016430	.016216	.016004	.015796	.015591	.015389
		.017631	.017449	.017261	.017071	.016877	.016683	.016487	.016291	.016096	.015902	.015709	.015517	.015328	.015141	.014956
		.016884	.016733	.016576	.016414	.016247	.016078	.015907	.015735	.015562	.015388	.015215	.015042	.014871	.014700	.014532
		.016168	.016046	.015916	.015780	.015639	.015494	.015346	.015195	.015043	.014889	.014734	.014579	.014425	.014271	.014117
		.015483	.015387	.015283	.015171	.015053	.014930	.014803	.014672	.014539	.014404	.014267	.014129	.013990	.013851	.013712
10.0		.014829	.014756	.014675	.014585	.014489	.014386	.014279	.014167	.014051	.013933	.013813	.013691	.013567	.013443	.013318
		.014204	.014153	.014092	.014023	.013946	.013862	.013772	.013678	.013579	.013477	.013372	.013265	.013156	.013045	.012933
		.013607	.013576	.013534	.013483	.013423	.013357	.013284	.013206	.013123	.013036	.012945	.012852	.012756	.012658	.012558
		.013039	.013025	.013000	.012965	.012922	.012871	.012814	.012750	.012682	.012609	.012532	.012451	.012368	.012282	.012194
		.012497	.012498	.012489	.012469	.012441	.012404	.012361	.012311	.012256	.012196	.012131	.012063	.011991	.011916	.011839
12.5		.011981	.011996	.012000	.011994	.011979	.011956	.011925	.011888	.011845	.011797	.011744	.011686	.011626	.011562	.011495
		.011490	.011517	.011534	.011539	.011536	.011525	.011506	.011480	.011449	.011411	.011369	.011322	.011272	.011218	.011160
		.011023	.011061	.011088	.011105	.011112	.011112	.011103	.011088	.011067	.011039	.011007	.010970	.010929	.010884	.010836
		.010579	.010626	.010662	.010689	.010706	.010715	.010716	.010711	.010698	.010681	.010657	.010629	.010597	.010561	.010521
		.010156	.010211	.010256	.010291	.010317	.010334	.010345	.010348	.010344	.010335	.010320	.010300	.010276	.010248	.010215
15.0		.009753	.009816	.009868	.009911	.009944	.009970	.009988	.009999	.010003	.010001	.009994	.009982	.009965	.009944	.009920
		.009371	.009439	.009498	.009547	.009588	.009620	.009645	.009663	.009675	.009680	.009680	.009675	.009665	.009651	.009633
		.009007	.009081	.009145	.009200	.009247	.009285	.009317	.009341	.009359	.009371	.009377	.009378	.009375	.009367	.009355
		.008660	.008739	.008808	.008868	.008920	.008964	.009001	.009031	.009055	.009073	.009085	.009092	.009095	.009093	.009087
		.008331	.008413	.008486	.008551	.008608	.008657	.008699	.008734	.008763	.008786	.008804	.008816	.008824	.008827	.008827
17.5		.008017	.008103	.008180	.008248	.008309	.008362	.008409	.008448	.008482	.008510	.008532	.008550	.008563	.008571	.008575
		.007719	.007807	.007887	.007959	.008023	.008080	.008130	.008174	.008212	.008244	.008271	.008293	.008310	.008323	.008332
		.007435	.007525	.007607	.007682	.007749	.007810	.007863	.007911	.007952	.007989	.008019	.008045	.008066	.008083	.008096
		.007164	.007256	.007340	.007417	.007487	.007550	.007607	.007658	.007703	.007742	.007777	.007806	.007831	.007852	.007868
		.006906	.007000	.007086	.007165	.007237	.007302	.007362	.007415	.007463	.007506	.007543	.007576	.007604	.007628	.007648
20.0		.006661	.006755	.006842	.006923	.006997	.007064	.007126	.007182	.007232	.007278	.007318	.007354	.007385	.007412	.007436
		.006427	.006522	.006610	.006692	.006767	.006836	.006900	.006958	.007011	.007058	.007101	.007140	.007174	.007204	.007230
		.006204	.006299	.006388	.006470	.006547	.006618	.006683	.006743	.006798	.006847	.006893	.006934	.006970	.007003	.007031
		.005991	.006086	.006176	.006259	.006336	.006408	.006475	.006536	.006593	.006644	.006692	.006735	.006773	.006808	.006839
		.005788	.005883	.005973	.006056	.006134	.006207	.006275	.006338	.006396	.006449	.006498	.006543	.006583	.006620	.006654
22.5		.005594	.005689	.005778	.005862	.005941	.006015	.006083	.006147	.006206	.006261	.006311	.006358	.006400	.006439	.006474
		.005409	.005503	.005593	.005677	.005756	.005830	.005899	.005964	.006024	.006080	.006132	.006179	.006223	.006264	.006301
		.005232	.005326	.005415	.005499	.005578	.005652	.005722	.005787	.005849	.005905	.005958	.006007	.006053	.006095	.006133
		.005063	.005156	.005245	.005329	.005408	.005482	.005552	.005618	.005680	.005738	.005791	.005842	.005888	.005931	.005971
		.004901	.004994	.005082	.005165	.005244	.005319	.005389	.005455	.005517	.005576	.005631	.005682	.005729	.005773	.005814

		A(r,z)														
z	r	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.5	29.0	29.5
.0		.022222	.021739	.021277	.020833	.020408	.020000	.019608	.019231	.018868	.018519	.018182	.017857	.017544	.017241	.016949
		.021728	.021266	.020824	.020399	.019991	.019600	.019223	.018861	.018512	.018175	.017851	.017538	.017236	.016944	.016662
		.021235	.020794	.020371	.019965	.019575	.019200	.018839	.018491	.018156	.017833	.017521	.017219	.016928	.016647	.016375
		.020743	.020323	.019920	.019533	.019160	.018801	.018456	.018123	.017801	.017491	.017191	.016901	.016621	.016350	.016088
		.020253	.019855	.019471	.019102	.018747	.018404	.018074	.017755	.017447	.017150	.016862	.016584	.016315	.016055	.015802
2.5		.019766	.019388	.019024	.018673	.018335	.018009	.017694	.017389	.017095	.016810	.016535	.016268	.016010	.015760	.015517
		.019283	.018925	.018581	.018248	.017926	.017616	.017316	.017025	.016744	.016472	.016209	.015954	.015706	.015466	.015234
		.018804	.018466	.018140	.017825	.017520	.017225	.016940	.016664	.016396	.016137	.015885	.015641	.015404	.015175	.014951
		.018330	.018012	.017704	.017406	.017118	.016838	.016568	.016305	.016050	.015803	.015563	.015331	.015104	.014885	.014671
		.017861	.017562	.017273	.016992	.016719	.016455	.016198	.015949	.015708	.015473	.015244	.015022	.014806	.014597	.014392
5.0		.017398	.017118	.016846	.016582	.016325	.016075	.015833	.015597	.015368	.015145	.014928	.014717	.014511	.014311	.014116
		.016942	.016680	.016425	.016177	.015935	.015700	.015472	.015249	.015032	.014820	.014614	.014414	.014218	.014027	.013841
		.016493	.016248	.016010	.015778	.015551	.015330	.015115	.014904	.014699	.014499	.014304	.014114	.013928	.013747	.013570
		.016051	.015823	.015601	.015384	.015172	.014965	.014762	.014564	.014371	.014182	.013998	.013817	.013641	.013469	.013301
		.015617	.015406	.015199	.014997	.014799	.014605	.014415	.014229	.014047	.013869	.013695	.013524	.013357	.013194	.013034
7.5		.015191	.014996	.014804	.014616	.014431	.014250	.014072	.013898	.013727	.013560	.013396	.013235	.013077	.012923	.012771
		.014773	.014593	.014416	.014242	.014070	.013901	.013736	.013573	.013413	.013255	.013101	.012949	.012801	.012655	.012511
		.014364	.014199	.014036	.013875	.013716	.013559	.013404	.013252	.013103	.012955	.012810	.012668	.012528	.012390	.012255
		.013965	.013813	.013663	.013515	.013368	.013222	.013079	.012937	.012798	.012660	.012524	.012391	.012259	.012129	.012001
		.013574	.013436	.013298	.013162	.013027	.012892	.012760	.012628	.012498	.012370	.012243	.012117	.011994	.011872	.011752
10.0		.013192	.013067	.012942	.012817	.012692	.012569	.012446	.012324	.012204	.012084	.011966	.011849	.011733	.011619	.011506
		.012820	.012707	.012593	.012479	.012365	.012252	.012139	.012027	.011915	.011804	.011694	.011585	.011477	.011370	.011264
		.012457	.012355	.012252	.012149	.012046	.011942	.011838	.011735	.011632	.011529	.011427	.011325	.011225	.011125	.011025
		.012104	.012013	.011920	.011827	.011733	.011638	.011544	.011449	.011354	.011259	.011165	.011071	.010977	.010884	.010791
		.011760	.011679	.011596	.011512	.011428	.011342	.011256	.011169	.011082	.010995	.010908	.010820	.010734	.010647	.010561
12.5		.011425	.011354	.011281	.011206	.011130	.011052	.010974	.010895	.010816	.010736	.010656	.010575	.010495	.010415	.010334
		.011100	.011038	.010973	.010907	.010839	.010770	.010699	.010627	.010555	.010482	.010409	.010335	.010261	.010187	.010112
		.010784	.010730	.010674	.010616	.010555	.010494	.010430	.010366	.010300	.010234	.010167	.010099	.010031	.009963	.009894
		.010478	.010432	.010383	.010332	.010279	.010225	.010168	.010110	.010051	.009991	.009930	.009869	.009806	.009744	.009680
		.010180	.010141	.010100	.010056	.010010	.009962	.009912	.009861	.009808	.009754	.009699	.009643	.009586	.009529	.009470
15.0		.009891	.009860	.009825	.009788	.009748	.009707	.009663	.009618	.009571	.009522	.009473	.009422	.009371	.009318	.009265
		.009611	.009586	.009558	.009527	.009494	.009458	.009420	.009380	.009339	.009296	.009252	.009206	.009160	.009112	.009064
		.009340	.009321	.009299	.009273	.009246	.009216	.009183	.009149	.009113	.009075	.009036	.008995	.008953	.008910	.008866
		.009077	.009063	.009047	.009027	.009005	.008980	.008953	.008924	.008892	.008859	.008825	.008789	.008751	.008713	.008673
		.008822	.008814	.008802	.008788	.008771	.008751	.008728	.008704	.008677	.008649	.008619	.008587	.008554	.008520	.008484
17.5		.008575	.008572	.008565	.008556	.008543	.008528	.008510	.008490	.008468	.008444	.008418	.008391	.008362	.008331	.008300
		.008336	.008337	.008335	.008330	.008322	.008311	.008297	.008282	.008264	.008244	.008222	.008198	.008173	.008147	.008119
		.008105	.008110	.008112	.008111	.008107	.008100	.008091	.008079	.008065	.008049	.008031	.008011	.007990	.007967	.007942
		.007881	.007890	.007896	.007899	.007899	.007895	.007890	.007882	.007871	.007859	.007844	.007828	.007810	.007791	.007770
		.007665	.007677	.007687	.007693	.007696	.007697	.007694	.007690	.007683	.007674	.007663	.007650	.007635	.007619	.007601
20.0		.007455	.007471	.007484	.007493	.007500	.007503	.007504	.007503	.007499	.007493	.007486	.007476	.007464	.007451	.007436
		.007252	.007271	.007287	.007299	.007309	.007316	.007320	.007321	.007321	.007318	.007313	.007306	.007297	.007287	.007275
		.007056	.007078	.007096	.007112	.007124	.007134	.007140	.007145	.007147	.007147	.007145	.007141	.007135	.007127	.007118
		.006867	.006891	.006912	.006930	.006944	.006957	.006966	.006973	.006978	.006981	.006981	.006980	.006976	.006971	.006965
		.006683	.006710	.006733	.006753	.006770	.006785	.006797	.006806	.006814	.006819	.006822	.006823	.006822	.006819	.006815
22.5		.006506	.006534	.006560	.006582	.006601	.006618	.006633	.006644	.006654	.006661	.006666	.006670	.006671	.006671	.006669
		.006334	.006365	.006392	.006416	.006438	.006456	.006473	.006487	.006498	.006508	.006515	.006521	.006524	.006526	.006526
		.006168	.006200	.006229	.006255	.006279	.006299	.006318	.006334	.006347	.006359	.006368	.006375	.006381	.006385	.006387
		.006008	.006041	.006072	.006100	.006125	.006147	.006167	.006185	.006200	.006214	.006225	.006234	.006241	.006247	.006251
		.005852	.005887	.005919	.005949	.005975	.005999	.006021	.006040	.006057	.006072	.006085	.006096	.006106	.006113	.006119

		rA(r,z)														
z	r	.0	.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
-25.0	.000000	.249900	.996601	.999103	.998410	.997522	.996443	.995176	.993728	.992101	.990301	.988335	.986209	.983928	.981501	
	.000000	.249896	.999585	.999067	.998344	.997420	.996298	.994981	.993474	.991783	.989914	.987872	.985665	.983299	.980783	
	.000000	.249892	.999567	.999028	.998275	.997313	.996144	.994773	.993205	.991447	.989503	.987381	.985089	.982633	.980023	
	.000000	.249887	.999549	.998986	.998201	.997198	.995980	.994552	.992920	.991089	.989067	.986860	.984478	.981927	.979217	
	.000000	.249882	.999529	.998942	.998123	.997076	.995806	.994317	.992616	.990709	.988603	.986307	.983829	.981178	.978363	
-22.5	.000000	.249877	.999508	.998894	.998039	.996946	.995620	.994067	.992292	.990304	.988110	.985719	.983140	.980382	.977457	
	.000000	.249871	.999485	.998844	.997950	.996807	.995422	.993799	.991947	.989872	.987584	.985092	.982406	.979536	.976494	
	.000000	.249865	.999461	.998789	.997854	.996659	.995210	.993514	.991578	.989411	.987023	.984424	.981624	.978635	.975469	
	.000000	.249859	.999435	.998731	.997751	.996500	.994983	.993208	.991183	.988919	.986424	.983711	.980790	.977675	.974378	
	.000000	.249852	.999407	.998669	.997641	.996329	.994740	.992880	.990761	.988391	.985783	.982948	.979900	.976651	.973214	
-20.0	.000000	.249844	.999377	.998602	.997523	.996146	.994478	.992529	.990307	.987826	.985096	.982132	.978947	.975555	.971972	
	.000000	.249836	.999345	.998530	.997396	.995949	.994197	.992150	.989820	.987219	.984360	.981257	.977927	.974384	.970644	
	.000000	.249827	.999310	.998452	.997258	.995736	.993894	.991743	.989296	.986566	.983568	.980318	.976832	.973128	.969223	
	.000000	.249818	.999273	.998368	.997110	.995506	.993566	.991303	.988730	.985862	.982715	.979307	.975656	.971781	.967699	
	.000000	.249808	.999232	.998277	.996949	.995257	.993212	.990828	.988119	.985102	.981796	.978219	.974391	.970332	.966064	
-17.5	.000000	.249797	.999188	.998178	.996774	.994987	.992828	.990312	.987457	.984281	.980803	.977045	.973027	.968774	.964306	
	.000000	.249784	.999139	.998070	.996584	.994693	.992410	.989753	.986740	.983391	.979728	.975775	.971555	.967093	.962413	
	.000000	.249771	.999087	.997952	.996377	.994373	.991956	.989145	.985960	.982425	.978563	.974400	.969963	.965279	.960373	
	.000000	.249757	.999029	.997823	.996150	.994023	.991460	.988481	.985110	.981373	.977297	.972909	.968239	.963316	.958169	
	.000000	.249741	.998966	.997682	.995901	.993640	.990917	.987756	.984183	.980227	.975918	.971287	.966366	.961189	.955785	
-15.0	.000000	.249723	.998896	.997527	.995628	.993219	.990320	.986960	.983167	.978973	.974413	.969520	.964330	.958879	.953202	
	.000000	.249704	.998819	.997355	.995327	.992755	.989664	.986086	.982053	.977600	.972766	.967590	.962111	.956368	.950399	
	.000000	.249683	.998734	.997165	.994993	.992242	.988940	.985122	.980826	.976091	.970961	.965479	.959687	.953631	.947350	
	.000000	.249659	.998639	.996954	.994623	.991673	.988138	.984057	.979472	.974429	.968976	.963162	.957035	.950642	.944029	
	.000000	.249632	.998534	.996719	.994211	.991041	.987247	.982875	.977973	.972593	.966789	.960615	.954125	.947372	.940405	
-12.5	.000000	.249602	.998415	.996455	.993749	.990334	.986253	.981560	.976308	.970558	.964370	.957806	.950926	.943786	.936443	
	.000000	.249569	.998282	.996158	.993231	.989541	.985141	.980090	.974452	.968296	.961689	.954702	.947399	.939846	.932102	
	.000000	.249531	.998131	.995823	.992645	.988648	.983890	.978442	.972377	.965773	.958708	.951260	.943503	.935507	.927338	
	.000000	.249487	.997959	.995442	.991982	.987637	.982478	.976586	.970046	.962949	.955383	.947435	.939187	.930718	.922098	
	.000000	.249438	.997763	.995008	.991225	.986487	.980875	.974486	.967419	.959776	.951661	.943169	.934395	.925421	.916326	
-10.0	.000000	.249381	.997537	.994508	.990358	.985171	.979048	.972100	.964444	.956199	.947481	.938400	.929058	.919549	.909954	
	.000000	.249315	.997275	.993930	.989357	.983658	.976954	.969375	.961061	.952149	.942770	.933050	.923101	.913025	.902908	
	.000000	.249237	.996969	.993256	.988194	.981906	.974538	.966247	.957195	.947543	.937442	.927030	.916434	.905761	.895104	
	.000000	.249146	.996610	.992466	.986833	.979864	.971734	.962634	.952756	.942284	.931392	.920237	.908953	.897658	.886447	
	.000000	.249037	.996182	.991529	.985227	.977464	.968458	.958438	.947630	.936251	.924499	.912545	.900538	.888600	.876829	
- 7.5	.000000	.248907	.995670	.990410	.983315	.974623	.964603	.953531	.941680	.929300	.916613	.903811	.891052	.878460	.866133	
	.000000	.248748	.995048	.989056	.981015	.971228	.960029	.947756	.934734	.921251	.907560	.893867	.880336	.867093	.854229	
	.000000	.248553	.994283	.987400	.978220	.967132	.954557	.940910	.926577	.911891	.897130	.882514	.868210	.854337	.840976	
	.000000	.248308	.993329	.985346	.974779	.962136	.947950	.932734	.916941	.900955	.885075	.869527	.854473	.840017	.826223	
	.000000	.247995	.992119	.982759	.970486	.955971	.939897	.922893	.905494	.888125	.871103	.854647	.838901	.823945	.809815	
- 5.0	.000000	.247589	.990554	.979443	.965049	.948269	.929982	.910959	.891819	.873020	.854876	.837585	.821254	.805925	.791596	
	.000000	.247048	.988485	.975109	.958043	.938511	.917645	.896377	.875402	.855186	.836013	.818028	.801282	.785762	.771418	
	.000000	.246307	.985674	.969309	.948846	.925968	.902133	.878439	.855618	.834100	.814092	.795649	.778739	.763277	.749153	
	.000000	.245254	.981736	.961342	.936517	.909601	.882436	.856247	.831727	.809182	.788676	.770132	.753404	.738321	.724708	
	.000000	.243695	.976005	.950056	.919609	.887920	.857213	.828706	.802891	.779826	.759349	.741202	.725109	.710802	.698043	
- 2.5	.000000	.241262	.967282	.933496	.895861	.858807	.824743	.794546	.768242	.745475	.725776	.708681	.693776	.680709	.669189	
	.000000	.237212	.953247	.908204	.861712	.819343	.782960	.752455	.727017	.705733	.687796	.672546	.659464	.648144	.638268	
	.000000	.229902	.929093	.867835	.811660	.765819	.727947	.701383	.678803	.660537	.645522	.632995	.622403	.613341	.605506	
	.000000	.215428	.883895	.800434	.737923	.694480	.663718	.641100	.623868	.610338	.599448	.590501	.583023	.576681	.571237	
	.000000	.184481	.788956	.684328	.632810	.604024	.585663	.572894	.563481	.556244	.550502	.545831	.541957	.538690	.535897

rA(r,z)															
r	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5
z															
-25.0	.978935 .978123 .977265 .976357 .975394	.976236 .975329 .974369 .973355 .972281	.973413 .972407 .971344 .970221 .969032	.970472 .969366 .968197 .966964 .965659	.967423 .966214 .964939 .963593 .962171	.964271 .962959 .961576 .960118 .958578	.961026 .959610 .958119 .956547 .954890	.957695 .956175 .954575 .952890 .951116	.954284 .952660 .950953 .949156 .947264	.950803 .949075 .947260 .945352 .943345	.947256 .945427 .943505 .941488 .939367	.943653 .941722 .939696 .937570 .935338	.939999 .937968 .935840 .933608 .931266	.936301 .934172 .931943 .929607 .927159	.932564 .930340 .928012 .925576 .923024
-22.5	.974373 .973289 .972137 .970911 .969605	.971142 .969934 .968651 .967288 .965836	.967774 .966440 .965024 .963521 .961923	.964279 .962817 .961268 .959624 .957877	.960669 .959078 .957394 .955609 .953714	.956952 .955233 .953414 .951488 .949446	.953141 .951293 .949340 .947274 .945087	.949244 .947269 .945183 .942979 .940648	.945271 .943171 .940954 .938614 .936142	.941233 .939008 .936663 .934190 .931580	.937137 .934790 .932320 .929717 .926973	.932993 .930527 .927934 .925205 .922331	.928808 .926227 .923515 .920663 .917664	.924592 .921898 .919070 .916100 .912980	.920350 .917547 .914608 .911525 .908289
-20.0	.968212 .966724 .965134 .963431 .961606	.964290 .962640 .960879 .958995 .956979	.960221 .958409 .956475 .954410 .952202	.956021 .954044 .951939 .949694 .947296	.951702 .949564 .947288 .944864 .942279	.947281 .944981 .942537 .939937 .937170	.942769 .940311 .937702 .934931 .931984	.938181 .935568 .932798 .929859 .926739	.933529 .930764 .927837 .924736 .921448	.928825 .925913 .922834 .919576 .916128	.924079 .921025 .917800 .914392 .910789	.919304 .916112 .912747 .909195 .905445	.914508 .911185 .907685 .903996 .900107	.909701 .906252 .902623 .898804 .894783	.904891 .901322 .897572 .893630 .889484
-17.5	.959646 .957540 .955272 .952827 .950187	.954817 .952496 .950002 .947318 .944425	.949839 .947306 .944589 .941669 .938528	.944734 .941992 .939054 .935904 .932522	.939521 .936574 .933423 .930049 .926433	.934220 .931074 .927714 .924124 .920284	.928849 .925509 .921950 .918153 .914099	.923423 .919898 .916147 .912152 .907895	.917960 .914257 .910323 .906141 .901692	.912474 .908601 .904494 .900135 .895506	.906978 .902944 .898673 .894148 .889351	.901484 .897299 .892874 .888193 .883241	.896004 .891676 .887107 .882282 .877185	.890548 .886086 .881382 .876424 .871195	.885125 .880537 .875710 .870628 .865278
-15.0	.947333 .944240 .940886 .937240 .933272	.941303 .937928 .934275 .930316 .926017	.935144 .931495 .927554 .923293 .918679	.928885 .924972 .920755 .916207 .911296	.922553 .918387 .913909 .909089 .903899	.916173 .911767 .907041 .901968 .896517	.909766 .905134 .900176 .894867 .889177	.903355 .898510 .893337 .888012 .881899	.896957 .891914 .886541 .880812 .874703	.890589 .885363 .879806 .873894 .867604	.884265 .878870 .873145 .867068 .860616	.877999 .872449 .866571 .860345 .853749	.871800 .866109 .860094 .853735 .847013	.865679 .859861 .853722 .847246 .840413	.859644 .853711 .847463 .840884 .833955
-12.5	.928946 .924222 .919053 .913390 .907176	.921344 .916256 .910708 .904651 .898030	.913677 .908248 .902348 .895929 .888938	.905986 .900240 .894015 .887266 .879943	.898303 .892264 .885744 .878698 .871080	.890657 .884352 .877565 .870254 .862376	.883075 .876529 .869502 .861957 .853854	.875578 .868815 .861576 .853827 .845531	.868185 .861229 .853804 .845878 .837419	.860910 .853783 .846197 .838122 .829527	.853765 .846491 .838767 .830566 .821861	.846762 .839359 .831518 .823215 .814424	.839907 .832395 .824457 .816071 .807216	.833205 .825603 .817586 .809137 .800235	.826661 .818984 .810906 .802410 .793480
-10.0	.900345 .892826 .884540 .875397 .865300	.890782 .882841 .874131 .864570 .854071	.881317 .873003 .863926 .854012 .843182	.871991 .863352 .853962 .843756 .832662	.862838 .853920 .844269 .833825 .822526	.853885 .844731 .834865 .824234 .812783	.845150 .835802 .825764 .814990 .803434	.836649 .827142 .816971 .806095 .794476	.828391 .818760 .808490 .797548 .785900	.820383 .810657 .800320 .789343 .777697	.812626 .802833 .792457 .781471 .769853	.805122 .795287 .784894 .773923 .762355	.797869 .788012 .777624 .766688 .755189	.790863 .781003 .770638 .759754 .748339	.784099 .774253 .763927 .753110 .741792
- 7.5	.854142 .841808 .828177 .813122 .796517	.842538 .829871 .815967 .800721 .784031	.831354 .818440 .804353 .789009 .772327	.820608 .807522 .793331 .777966 .761366	.810311 .797118 .782887 .767564 .751103	.800461 .787216 .773000 .757770 .741493	.791053 .777803 .763646 .748550 .732490	.782076 .768860 .754798 .739868 .724051	.773515 .760366 .746430 .731689 .716134	.765357 .752301 .738513 .723980 .708699	.757582 .744642 .731020 .716709 .695132	.750174 .737366 .723925 .709846 .695132	.743114 .730453 .717202 .703361 .688935	.736384 .723881 .710829 .697229 .683089	.729967 .717630 .704781 .691425 .677569
- 5.0	.778238 .758178 .736249 .712398 .686621	.765804 .745962 .724449 .701241 .676357	.754238 .734687 .713642 .691101 .667097	.743480 .724272 .703727 .681859 .658710	.733468 .714638 .694612 .673412 .651086	.724145 .705716 .686215 .665669 .644130	.715454 .697439 .678461 .658551 .637762	.707343 .689748 .671286 .651991 .631913	.699764 .682589 .664632 .645928 .625262	.692672 .675914 .658448 .640311 .621549	.686027 .669679 .652690 .635094 .616938	.679792 .663845 .647316 .625708 .612655	.673934 .658378 .642292 .625708 .608668	.668422 .653246 .637586 .621474 .604948	.663228 .648420 .633170 .617508 .601469
- 2.5	.658974 .629587 .598668 .566512 .533482	.649868 .621902 .592653 .562373 .531372	.641708 .615057 .587320 .558718 .529514	.634359 .608924 .582562 .555467 .527864	.627712 .603400 .578292 .552557 .526389	.621673 .598400 .574438 .549936 .525063	.616165 .593854 .570943 .545407 .523864	.611122 .589704 .567759 .545407 .522774	.606491 .585900 .564848 .543436 .521780	.602222 .582403 .562175 .541630 .520870	.598276 .579176 .559712 .539967 .520032	.594619 .576190 .557436 .538433 .519259	.591220 .573419 .555327 .537011 .518544	.588054 .570841 .553366 .535691 .517880	.585097 .568436 .551540 .534462 .517262

		rA(r,z)														
r	z	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0
-25.0		.928797	.925002	.921188	.917358	.913517	.909670	.905822	.901976	.898137	.894307	.890490	.886690	.882908	.879148	.875412
		.926478	.922593	.918690	.914774	.910850	.906924	.902998	.899078	.895168	.891270	.887389	.883526	.879686	.875871	.872082
		.924055	.920076	.916083	.912079	.908071	.904063	.900060	.896065	.892083	.888117	.884171	.880247	.876349	.872478	.868637
		.921520	.917446	.913360	.909268	.905174	.901084	.897002	.892932	.888878	.884844	.880833	.876847	.872891	.868965	.865072
		.918867	.914696	.910517	.906334	.902153	.897980	.893818	.889673	.885547	.881444	.877368	.873322	.869308	.865328	.861385
-22.5		.916091	.911820	.907545	.903270	.899002	.894745	.890503	.886282	.882084	.877913	.873773	.869666	.865595	.861562	.857569
		.913183	.908811	.904439	.900071	.895714	.891372	.887051	.882753	.878483	.874245	.870041	.865874	.861748	.857663	.853622
		.910137	.905662	.901191	.896730	.892283	.887856	.883454	.879081	.874739	.870434	.866167	.861942	.857761	.853625	.849537
		.906944	.902365	.897794	.893238	.888701	.884190	.879707	.875258	.870846	.866474	.862146	.857863	.853629	.849444	.845311
		.903597	.898912	.894241	.889589	.884962	.880365	.875803	.871278	.866796	.862360	.857971	.853632	.849346	.845114	.840938
-20.0		.900086	.895294	.890521	.885774	.881057	.876375	.871733	.867135	.862584	.858084	.853636	.849244	.844908	.840631	.836415
		.896403	.891503	.886628	.881785	.876978	.872212	.867492	.862821	.858203	.853641	.849136	.844692	.840309	.835989	.831734
		.892538	.887529	.882552	.877613	.872716	.867867	.863070	.858329	.853645	.849023	.844464	.839970	.835543	.831184	.826893
		.888480	.883362	.878283	.873249	.868264	.863333	.858461	.853650	.848904	.844224	.839613	.835073	.830604	.826208	.821886
		.884218	.878992	.873811	.868683	.863611	.858601	.853656	.848778	.843972	.839238	.834578	.829994	.825488	.821058	.816707
-17.5		.879742	.874407	.869126	.863906	.858749	.853662	.848646	.843705	.838841	.834056	.829351	.824728	.820187	.815728	.811352
		.875039	.869597	.864218	.858907	.853668	.848506	.843423	.838422	.833504	.828672	.823927	.819268	.814697	.810213	.805817
		.870096	.864549	.859074	.853675	.848357	.843124	.837978	.832921	.827954	.823079	.818297	.813608	.809011	.804507	.800095
		.864902	.859251	.853683	.848200	.842807	.837507	.832302	.827193	.822182	.817270	.812456	.807741	.803125	.798606	.794183
		.859441	.853691	.848033	.842471	.837007	.831645	.826386	.821231	.816182	.811237	.806398	.801663	.797032	.792504	.788076
-15.0		.853701	.847855	.842112	.836475	.830947	.825528	.820221	.815027	.809944	.804974	.800115	.795367	.790727	.786196	.781770
		.847666	.841730	.835908	.830202	.824614	.819146	.813798	.808571	.803463	.798473	.793602	.788847	.784206	.779678	.775260
		.841322	.835302	.829407	.823639	.818000	.812490	.807108	.801855	.796729	.791729	.786852	.782098	.777463	.772946	.768543
		.834653	.828556	.822597	.816775	.811093	.805549	.800142	.794872	.789736	.784733	.779860	.775115	.770494	.765995	.761615
		.827643	.821479	.815464	.809598	.803882	.798314	.792892	.787614	.782478	.777481	.772620	.767893	.763294	.758822	.754473
-12.5		.820278	.814056	.807996	.802097	.796357	.790775	.785348	.780073	.774947	.769967	.765128	.760427	.755861	.751424	.747114
		.812541	.806273	.800180	.794259	.788508	.782924	.777504	.772243	.767138	.762185	.757378	.752715	.748189	.743798	.739536
		.804417	.798117	.792004	.786075	.780326	.774753	.769352	.764118	.759045	.754130	.749368	.744752	.740278	.735942	.731738
		.795890	.789573	.783456	.777533	.771801	.766253	.760885	.755691	.750664	.745800	.741093	.736536	.732125	.727854	.723718
		.786947	.780630	.774525	.768625	.762925	.757418	.752098	.746958	.741991	.737190	.732551	.728066	.723729	.719534	.715476
-10.0		.777572	.771275	.765200	.759342	.753692	.748242	.742986	.737915	.733022	.728299	.723741	.719340	.715088	.710981	.707012
		.767753	.761497	.755474	.749676	.744095	.738720	.733545	.728559	.723756	.719126	.714662	.710358	.706205	.702197	.698327
		.757480	.751287	.745338	.739622	.734129	.728849	.723773	.718890	.714192	.709670	.705315	.701121	.697079	.693183	.689424
		.746742	.740638	.734787	.729175	.723793	.718627	.713669	.708906	.704330	.699932	.695702	.691632	.687714	.683941	.680305
		.735532	.729545	.723817	.718334	.713084	.708054	.703233	.698610	.694174	.689915	.685825	.681894	.678113	.674476	.670975
-7.5		.723846	.718004	.712426	.707097	.702004	.697132	.692469	.688005	.683726	.679624	.675688	.671910	.668281	.664792	.661437
		.711681	.706015	.700617	.695468	.690556	.685865	.681382	.677095	.672992	.669063	.665298	.661688	.658223	.654896	.651699
		.699039	.693582	.688392	.683452	.678745	.674258	.669976	.665887	.661979	.658240	.654662	.651233	.647947	.644793	.641766
		.685926	.680710	.675760	.671055	.666581	.662321	.658262	.654391	.650695	.647164	.643787	.640556	.637461	.634493	.631647
		.672351	.667411	.662731	.658291	.654074	.650066	.646251	.642617	.639152	.635845	.632686	.629665	.626774	.624005	.621351
-5.0		.658328	.653698	.649319	.645172	.641238	.637505	.633956	.630579	.627362	.624296	.621369	.618572	.615899	.613340	.610888
		.643876	.639591	.635543	.631716	.628092	.624655	.621392	.618291	.615341	.612530	.609849	.607291	.604846	.602508	.600270
		.629019	.625111	.621425	.617945	.614653	.611536	.608579	.605772	.603103	.600563	.598143	.595835	.593630	.591523	.589508
		.613786	.610286	.606991	.603883	.600947	.598169	.595538	.593041	.590669	.588414	.586266	.584219	.582266	.580400	.578615
		.598210	.595149	.592271	.589558	.586999	.584580	.582290	.580119	.578059	.576100	.574237	.572462	.570769	.569152	.567607
-2.5		.582330	.579735	.577296	.575001	.572838	.570794	.568861	.567030	.565293	.563643	.562074	.560580	.559155	.557796	.556498
		.566188	.564083	.562106	.560246	.558495	.556841	.555278	.553799	.552396	.551064	.549798	.548593	.547444	.546349	.545302
		.549833	.548236	.546738	.545329	.544003	.542752	.541570	.540452	.539392	.538386	.537430	.536520	.535654	.534827	.534038
		.533315	.532241	.531235	.530289	.529399	.528560	.527767	.527017	.526307	.525633	.524992	.524383	.523803	.523249	.522721
		.516685	.516146	.515640	.515165	.514719	.514297	.513900	.513523	.513167	.512829	.512508	.512202	.511912	.511634	.511370

rA(r,z)															
r	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.5	29.0	29.5
z															
-25.0	.871702 .868322 .864828 .861215 .857480	.868020 .864593 .861053 .857395 .853616	.864368 .860897 .857313 .853613 .849793	.860748 .857235 .853611 .849872 .846014	.857160 .853609 .849947 .846171 .842278	.853606 .850019 .846322 .842513 .838588	.850088 .846467 .842738 .838898 .834943	.846606 .842954 .839195 .835326 .831345	.843162 .839480 .835694 .831799 .827793	.839755 .836047 .832235 .828317 .824289	.836386 .832654 .828820 .824880 .820833	.833057 .829303 .825447 .821489 .817424	.829768 .825993 .822119 .818143 .814063	.826518 .822725 .818834 .814843 .810750	.823308 .819499 .815593 .811589 .807484
-22.5	.853619 .849626 .845499 .841231 .836819	.849712 .845678 .841511 .837206 .832759	.845850 .841778 .837575 .833235 .828756	.842034 .837927 .833691 .829321 .824854	.838265 .834127 .829861 .825463 .820931	.834544 .830377 .826084 .821662 .817108	.830871 .826679 .822362 .817919 .813345	.827248 .823032 .818695 .814232 .809643	.823674 .819437 .815082 .810603 .806000	.820150 .815895 .811523 .807032 .802417	.816675 .812405 .808020 .803517 .798894	.813251 .808967 .804571 .800059 .795429	.809676 .805581 .801176 .796657 .792023	.806552 .802248 .797835 .793311 .788675	.803277 .798965 .794547 .790021 .785384
-20.0	.832259 .827544 .822672 .817636 .812434	.828165 .823420 .818520 .813461 .808238	.824133 .819362 .814439 .809360 .804120	.820165 .815371 .810428 .805332 .800080	.816259 .811446 .806486 .801378 .796116	.812417 .807587 .802615 .797496 .792228	.808638 .803795 .798812 .793687 .788416	.804922 .800068 .795078 .789948 .784677	.801269 .796407 .791412 .786281 .781012	.797678 .792810 .787813 .782683 .777418	.794148 .789278 .784281 .779154 .773896	.790680 .785809 .780814 .775693 .770444	.787272 .782402 .777411 .772298 .767059	.783925 .779058 .774073 .768968 .763743	.780636 .775774 .770797 .765703 .760492
-17.5	.807059 .801507 .795774 .789857 .783749	.802847 .797284 .791544 .785624 .779520	.798717 .793146 .787403 .781485 .775388	.794668 .789092 .783349 .777437 .771351	.790699 .785122 .779383 .773478 .767406	.786809 .781234 .775501 .769608 .763552	.782997 .777427 .771703 .765824 .759788	.779262 .773699 .767988 .762125 .756110	.775602 .770050 .764353 .758509 .752517	.772017 .766477 .760796 .754973 .749006	.768505 .762979 .757317 .751516 .745577	.765065 .759555 .753913 .748137 .742226	.761695 .756203 .750583 .744833 .738952	.758394 .752922 .747325 .741602 .735752	.755161 .749710 .744137 .738443 .732626
-15.0	.777449 .770951 .764253 .757351 .750243	.773229 .766747 .760072 .753200 .746129	.769110 .762647 .755997 .749158 .742127	.765089 .758648 .752027 .745223 .738234	.761163 .754748 .748158 .741391 .734447	.757331 .750943 .744387 .737660 .730762	.753591 .747233 .740711 .734026 .727176	.749939 .743613 .737129 .730487 .723686	.746375 .740082 .733637 .727039 .720289	.742894 .736637 .730232 .723680 .716981	.739497 .733275 .726912 .720408 .713761	.736179 .729996 .723675 .717218 .710624	.732939 .726795 .720518 .714109 .707568	.729775 .723671 .717438 .711078 .704591	.726685 .720621 .714434 .708123 .701690
-12.5	.742927 .735400 .727662 .719711 .711548	.738858 .731384 .723708 .715829 .707747	.734903 .727486 .719874 .712067 .704066	.731060 .723700 .716153 .708420 .700501	.727325 .720023 .712543 .704884 .697048	.723693 .716451 .709038 .701454 .693700	.720161 .712981 .705636 .698127 .690455	.716727 .709608 .702332 .694898 .687308	.713386 .706330 .699122 .691763 .684256	.710135 .703142 .696003 .688720 .681294	.706972 .700042 .692972 .685764 .678418	.703893 .697027 .690026 .682892 .675626	.700896 .694093 .687161 .680101 .672915	.697977 .691238 .684374 .677388 .670280	.695135 .688459 .681663 .674749 .667719
-10.0	.703174 .694590 .685798 .676801 .667603	.699463 .690979 .682297 .673420 .664353	.695873 .687489 .678916 .670158 .661220	.692399 .684114 .675650 .667009 .658197	.689035 .680849 .672492 .663968 .655280	.685778 .677690 .669439 .661029 .652463	.682623 .674632 .666486 .658188 .649742	.679565 .671671 .663628 .655440 .647111	.676601 .668801 .660860 .652781 .644567	.673726 .666021 .658180 .650207 .642106	.670938 .663325 .655582 .647714 .639724	.668231 .660710 .653065 .645299 .637417	.665604 .658173 .650623 .642958 .635182	.663053 .655711 .648255 .640688 .633016	.660575 .653320 .645956 .638487 .630915
- 7.5	.658209 .648625 .638857 .628915 .618805	.655100 .645667 .636061 .626289 .616360	.652105 .642820 .633371 .623766 .614012	.649218 .640077 .630782 .621338 .611754	.646434 .637434 .628287 .619001 .609581	.643747 .634885 .625883 .616749 .607490	.641152 .632425 .623565 .614579 .605474	.638646 .629049 .620137 .611248 .603532	.636224 .627555 .619167 .610466 .601658	.633881 .625338 .617081 .608516 .599850	.631615 .623394 .615064 .606632 .598103	.629422 .621319 .613114 .604810 .596415	.627298 .619311 .611227 .603049 .594784	.625240 .617367 .609400 .601344 .593206	.623246 .615483 .607631 .599694 .591678
- 5.0	.608538 .598125 .587578 .576908 .566129	.606284 .596069 .585728 .575272 .564714	.604119 .594096 .583954 .573704 .563358	.602038 .592200 .582250 .572199 .562057	.600038 .590379 .580614 .570753 .560807	.598113 .588626 .578940 .569364 .559607	.596259 .586940 .577526 .568028 .558453	.594472 .585315 .576069 .566742 .557343	.592750 .583750 .574664 .565503 .556274	.591088 .582240 .573310 .564309 .555244	.589484 .580782 .572004 .563157 .554250	.587935 .579375 .570743 .562046 .553291	.586437 .578016 .569525 .560973 .552366	.584989 .576701 .568348 .559936 .551472	.583588 .575430 .567210 .558934 .550608
- 2.5	.555256 .544302 .533284 .522217 .511117	.554067 .543345 .532562 .521734 .510875	.552928 .542428 .531872 .521272 .510643	.551836 .541549 .531209 .520829 .510421	.550788 .540706 .530574 .520404 .510208	.549781 .539896 .529964 .519996 .510004	.548813 .538369 .528378 .518865 .509808	.547882 .537649 .527749 .518179 .509619	.546986 .536955 .527246 .517854 .509437	.546122 .536955 .527246 .517854 .509262	.545290 .536286 .527246 .517854 .509094	.544487 .535640 .526760 .517854 .508931	.543712 .535018 .526291 .517541 .508775	.542963 .534416 .525839 .517239 .508623	.542239 .533835 .525402 .516947 .508477

		rA(r,z)														
r	z	.0	.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
0	.0	.000000	.125000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000
	.000000	.065519	.211044	.315672	.367190	.395976	.414337	.427106	.436519	.443756	.449498	.454169	.458043	.461310	.464103	
	.000000	.034572	.116105	.199566	.262077	.305520	.336282	.358900	.376132	.389662	.400552	.409499	.416977	.423319	.428763	
	.000000	.020098	.070907	.132165	.188340	.234181	.270253	.298617	.321197	.339463	.354478	.367005	.377597	.386659	.394494	
	.000000	.012788	.046753	.091796	.138288	.180657	.217040	.247545	.272983	.294267	.312204	.327454	.340536	.351856	.361732	
2.5	.000000	.008738	.032718	.066504	.104139	.141193	.175257	.205454	.231758	.254525	.274224	.291319	.306224	.319291	.330811	
	.000000	.006305	.023995	.049944	.080391	.112080	.142787	.171294	.197109	.220174	.240651	.258798	.274891	.289198	.301957	
	.000000	.004746	.018264	.038658	.063483	.090399	.117564	.143753	.168273	.190818	.211324	.229868	.246596	.261679	.275292	
	.000000	.003693	.014326	.030691	.051154	.074032	.097867	.121561	.144382	.165900	.185908	.204351	.221261	.236723	.250847	
	.000000	.002952	.011515	.024891	.041957	.061489	.082355	.103623	.124598	.144814	.163987	.181972	.198718	.214238	.228582	
5.0	.000000	.002411	.009446	.020557	.034951	.051731	.070018	.089041	.108181	.126980	.145124	.162415	.178746	.194075	.208404	
	.000000	.002005	.007881	.017241	.029514	.044029	.060103	.077107	.094506	.111875	.128897	.145353	.161099	.176055	.190185	
	.000000	.001692	.006671	.014654	.025221	.037864	.052050	.067266	.083059	.099045	.114925	.130473	.145527	.159983	.173777	
	.000000	.001447	.005717	.012600	.021780	.032868	.045443	.059090	.073423	.088109	.102870	.117486	.131790	.145663	.159024	
	.000000	.001252	.004952	.010944	.018985	.028772	.039971	.052244	.065266	.078749	.092440	.106133	.119664	.132907	.145771	
7.5	.000000	.001093	.004330	.009590	.016685	.025377	.035397	.046469	.058320	.070700	.083387	.096188	.108948	.121540	.133867	
	.000000	.000962	.003818	.008470	.014773	.022536	.031542	.041562	.052370	.063749	.075501	.087455	.099462	.111400	.123171	
	.000000	.000854	.003390	.007534	.013167	.020136	.028266	.037366	.047244	.057716	.068608	.079763	.091047	.102342	.113553	
	.000000	.000763	.003031	.006743	.011806	.018094	.025462	.033753	.042805	.052457	.062558	.072970	.083566	.094239	.104896	
	.000000	.000685	.002725	.006070	.010643	.016342	.023046	.030625	.038939	.047851	.057230	.066950	.076899	.086975	.097092	
10.0	.000000	.000619	.002463	.005492	.009642	.014829	.020952	.027900	.035556	.043801	.052519	.061600	.070942	.080451	.090046	
	.000000	.000562	.002237	.004992	.008775	.013513	.019125	.025514	.032581	.040224	.048339	.056831	.065605	.074579	.083674	
	.000000	.000513	.002041	.004557	.008018	.012363	.017522	.023414	.029954	.037051	.044617	.052565	.060813	.069282	.077902	
	.000000	.000469	.001869	.004177	.007355	.011352	.016110	.021558	.027623	.034227	.041292	.048740	.056497	.064493	.072662	
	.000000	.000431	.001718	.003842	.006769	.010459	.014859	.019910	.025548	.031704	.038311	.045298	.052601	.060154	.067898	
12.5	.000000	.000398	.001585	.003545	.006251	.009666	.013747	.018440	.023692	.029442	.035630	.042194	.049074	.056214	.063557	
	.000000	.000368	.001466	.003281	.005789	.008959	.012753	.017125	.022027	.027407	.033211	.039385	.045875	.052628	.059595	
	.000000	.000341	.001361	.003046	.005377	.008327	.011862	.015943	.020528	.025571	.031024	.036838	.042965	.049358	.055971	
	.000000	.000317	.001266	.002835	.005007	.007758	.011060	.014878	.019174	.023909	.029039	.034521	.040313	.046369	.052650	
	.000000	.000296	.001181	.002645	.004673	.007245	.010336	.013914	.017947	.022400	.027234	.032410	.037889	.043632	.049601	
15.0	.000000	.000277	.001104	.002473	.004372	.006781	.009680	.013040	.016833	.021027	.025587	.030480	.035670	.041121	.046798	
	.000000	.000259	.001034	.002318	.004099	.006360	.009083	.012244	.015817	.019773	.024082	.028713	.033634	.038811	.044215	
	.000000	.000243	.000971	.002176	.003850	.005977	.008540	.011519	.014890	.018627	.022703	.027091	.031761	.036684	.041831	
	.000000	.000229	.000913	.002048	.003623	.005627	.008044	.010855	.014040	.017575	.021437	.025600	.030037	.034721	.039627	
	.000000	.000215	.000861	.001930	.003416	.005307	.007590	.010247	.013260	.016609	.020272	.024225	.028445	.032907	.037587	
17.5	.000000	.000203	.000812	.001822	.003226	.005013	.007172	.009687	.012543	.015719	.019197	.022955	.026973	.031226	.035694	
	.000000	.000192	.000768	.001723	.003051	.004743	.006788	.009172	.011881	.014898	.018204	.021781	.025609	.029668	.033936	
	.000000	.000182	.000727	.001632	.002890	.004494	.006434	.008697	.011270	.014138	.017285	.020693	.024344	.028219	.032301	
	.000000	.000173	.000690	.001548	.002742	.004264	.006106	.008257	.010704	.013434	.016432	.019682	.023168	.026872	.030777	
	.000000	.000164	.000655	.001470	.002604	.004051	.005803	.007850	.010180	.012781	.015640	.018743	.022073	.025616	.029356	
20.0	.000000	.000156	.000623	.001398	.002477	.003854	.005522	.007471	.009693	.012174	.014904	.017868	.021053	.024444	.028028	
	.000000	.000148	.000593	.001331	.002358	.003671	.005260	.007120	.009239	.011609	.014217	.017052	.020100	.023349	.026786	
	.000000	.000141	.000565	.001268	.002248	.003500	.005017	.006792	.008817	.011081	.013576	.016289	.019210	.022325	.025622	
	.000000	.000135	.000539	.001210	.002146	.003341	.004790	.006486	.008422	.010589	.012977	.015576	.018376	.021365	.024531	
	.000000	.000129	.000515	.001156	.002050	.003192	.004578	.006201	.008053	.010128	.012416	.014908	.017594	.020464	.023506	
22.5	.000000	.000123	.000492	.001105	.001961	.003054	.004380	.005933	.007708	.009696	.011890	.014281	.016860	.019618	.022543	
	.000000	.000118	.000471	.001058	.001877	.002924	.004194	.005683	.007384	.009291	.011397	.013693	.016171	.018822	.021637	
	.000000	.000113	.000451	.001014	.001798	.002802	.004020	.005448	.007080	.008911	.010933	.013140	.015522	.018073	.020783	
	.000000	.000108	.000433	.000972	.001725	.002687	.003856	.005227	.006795	.008553	.010497	.012619	.014911	.017367	.019977	
	.000000	.000104	.000415	.000933	.001655	.002580	.003702	.005019	.006526	.008217	.010086	.012128	.014335	.016701	.019217

		rA(r,z)														
r	z	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5
.0	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000
	.466518	.468628	.470486	.472136	.473611	.474937	.476136	.477226	.478220	.479130	.479968	.480741	.481456	.482120	.482738	
	.433488	.437627	.441282	.444533	.447443	.450064	.452436	.454593	.456564	.458370	.460033	.461567	.462989	.464309	.465538	
	.401332	.407347	.412680	.417438	.421708	.425562	.429057	.432241	.435152	.437825	.440288	.442564	.444673	.446634	.448460	
	.370413	.378098	.384943	.391076	.396600	.401600	.406146	.410296	.414100	.417597	.420824	.423810	.426581	.429159	.431564	
2.5	.341026	.350132	.358292	.365641	.372288	.378327	.383835	.388878	.393509	.397778	.401724	.405381	.408780	.411946	.414903	
	.313379	.323643	.332903	.341290	.348914	.355870	.362238	.368087	.373474	.378451	.383062	.387345	.391332	.395052	.398531	
	.287602	.298759	.308899	.318141	.326588	.334331	.341449	.348009	.354072	.359689	.364906	.369762	.374292	.378526	.382492	
	.263751	.275551	.286358	.296273	.305388	.313785	.321539	.328714	.335368	.341552	.347310	.352684	.357708	.362414	.366830	
	.241822	.254038	.265313	.275728	.285362	.294284	.302561	.310252	.317411	.324086	.330321	.336155	.341622	.346754	.351580	
5.0	.221762	.234196	.245762	.256520	.266532	.275855	.284546	.292657	.300236	.307328	.313973	.320208	.326066	.331578	.336772	
	.203483	.215969	.227673	.238634	.248897	.258507	.267510	.275949	.283866	.291301	.298291	.304868	.311065	.316911	.322431	
	.186878	.199279	.210991	.222034	.232436	.242230	.251450	.260132	.268311	.276020	.283291	.290154	.296639	.302771	.308575	
	.171823	.184033	.195647	.206669	.217113	.227000	.236354	.245202	.253570	.261487	.268980	.276075	.282798	.289171	.295219	
	.158192	.170129	.181560	.192478	.202882	.212784	.222197	.231140	.239634	.247699	.255358	.262634	.269547	.276119	.282370	
7.5	.145858	.157462	.168646	.179392	.189689	.199539	.208947	.217924	.226485	.234643	.242418	.249826	.256886	.263616	.270033	
	.134700	.145929	.156818	.167338	.177474	.187217	.196566	.205524	.214100	.222303	.230147	.237645	.244811	.251661	.258208	
	.124603	.135430	.145988	.156244	.166175	.175766	.185010	.193905	.202452	.210657	.218529	.226077	.233312	.240246	.246890	
	.115460	.125869	.136074	.146038	.155731	.165135	.174236	.183029	.191510	.199680	.207543	.215106	.222376	.229362	.236073	
	.107174	.117159	.126997	.136648	.146080	.155269	.164198	.172858	.181240	.189343	.197167	.204713	.211988	.218997	.225747	
10.0	.099655	.109218	.118683	.128009	.137162	.146115	.154850	.163351	.171609	.179617	.187374	.194878	.202131	.209137	.215901	
	.092824	.101970	.111062	.120057	.128920	.137624	.146146	.154469	.162581	.170473	.178139	.185576	.192784	.199765	.206520	
	.086610	.095349	.104071	.112734	.121302	.129746	.138043	.146173	.154122	.161878	.169434	.176785	.183929	.190863	.197590	
	.080947	.089292	.097652	.105985	.114256	.122435	.130498	.138424	.146196	.153803	.161233	.168482	.175543	.182414	.189094	
	.075778	.083744	.091752	.099760	.107736	.115648	.123471	.131185	.138771	.146217	.153509	.160641	.167605	.174397	.181016	
12.5	.071054	.078656	.086323	.094014	.101697	.109343	.116925	.124422	.131815	.139090	.146235	.153238	.160093	.166795	.173339	
	.066728	.073983	.081321	.088704	.096101	.103483	.110823	.118101	.125297	.132396	.139384	.146251	.152987	.159587	.166045	
	.062760	.069684	.076707	.083793	.090911	.098032	.105133	.112191	.119188	.126106	.132932	.139655	.146265	.152754	.159116	
	.059114	.065725	.072446	.079245	.086091	.092959	.099824	.106663	.113459	.120194	.126855	.133429	.139906	.146278	.152537	
	.055760	.062072	.068505	.075028	.081613	.088233	.094866	.101490	.108086	.114637	.121130	.127551	.133891	.140139	.146289	
15.0	.052667	.058697	.064856	.071115	.077447	.083827	.090234	.096645	.103043	.109411	.115735	.122001	.128200	.134321	.140356	
	.049813	.055575	.061472	.067478	.073567	.079716	.085901	.092105	.098308	.104494	.110649	.116759	.122815	.128805	.134722	
	.047173	.052682	.058331	.064096	.069951	.075876	.081847	.087848	.093859	.099865	.105852	.111807	.117718	.123576	.129372	
	.044728	.049998	.055411	.060946	.066577	.072286	.078050	.083853	.089677	.095506	.101327	.107126	.112893	.118618	.124290	
	.042460	.047504	.052694	.058008	.063426	.068926	.074491	.080102	.085743	.091399	.097056	.102701	.108324	.113914	.119463	
17.5	.040354	.045183	.050161	.055266	.060479	.065780	.071151	.076577	.082040	.087526	.093022	.098516	.103996	.109452	.114875	
	.038394	.043021	.047798	.052704	.057721	.062830	.068016	.073261	.078552	.083872	.089211	.094555	.099893	.105217	.110516	
	.036569	.041005	.045590	.050306	.055136	.060063	.065069	.070141	.075264	.080424	.085608	.090805	.096004	.101196	.106370	
	.034866	.039121	.043525	.048061	.052712	.057463	.062298	.067202	.072163	.077166	.082200	.087253	.092315	.097377	.102428	
	.033276	.037360	.041591	.045956	.050436	.055019	.059689	.064432	.069236	.074087	.078975	.083888	.088815	.093748	.098678	
20.0	.031788	.035710	.039779	.043979	.048298	.052719	.057231	.061819	.066471	.071175	.075921	.080696	.085492	.090299	.095109	
	.030395	.034164	.038077	.042123	.046286	.050554	.054913	.059352	.063858	.068420	.073027	.077669	.082336	.087020	.091711	
	.029089	.032712	.036479	.040376	.044391	.048512	.052726	.057021	.061386	.065810	.070283	.074795	.079337	.083900	.088475	
	.027863	.031349	.034976	.038732	.042606	.046586	.050660	.054817	.059046	.063337	.067680	.072066	.076485	.080930	.085392	
	.026711	.030066	.033560	.037183	.040922	.044767	.048707	.052731	.056829	.060992	.065210	.069473	.073773	.078102	.082453	
22.5	.025627	.028858	.032226	.035721	.039331	.043048	.046859	.050756	.054729	.058767	.062863	.067007	.071192	.075408	.079650	
	.024606	.027719	.030968	.034341	.037829	.041422	.045110	.048884	.052736	.056655	.060633	.064662	.068734	.072841	.076976	
	.023643	.026645	.029779	.033036	.036407	.039882	.043453	.047110	.050844	.054648	.058512	.062430	.066392	.070393	.074424	
	.022735	.025631	.028656	.031802	.035061	.038424	.041881	.045425	.049047	.052740	.056495	.060304	.064160	.068057	.071988	
	.021877	.024671	.027593	.030634	.033786	.037041	.040390	.043825	.047340	.050925	.054573	.058278	.062032	.065828	.069660	

		rA(r,z)														
r	z	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5	22.0
0		.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000
		.483315	.483854	.484360	.484835	.485281	.485703	.486100	.486477	.486833	.487171	.487492	.487798	.488088	.488366	.488630
		.466685	.467759	.468765	.469711	.470601	.471440	.472233	.472983	.473693	.474367	.475008	.475617	.476197	.476751	.477279
		.450167	.451764	.453262	.454671	.455997	.457248	.458430	.459548	.460608	.461614	.462570	.463480	.464346	.465173	.465962
		.433812	.435917	.437894	.439754	.441505	.443159	.444722	.446201	.447604	.448936	.450202	.451407	.452556	.453651	.454698
2.5		.417670	.420265	.422704	.424999	.427162	.429206	.431139	.432970	.434707	.436357	.437926	.439420	.440845	.442204	.443502
		.401790	.404851	.407729	.410442	.413001	.415420	.417710	.419881	.421941	.423900	.425763	.427538	.429231	.430848	.432393
		.386214	.389714	.393009	.396117	.399053	.401831	.404462	.406959	.409331	.411586	.413734	.415781	.417734	.419600	.421385
		.370981	.374889	.378575	.382055	.385347	.388464	.391421	.394228	.396897	.399437	.401857	.404165	.406370	.408477	.410492
		.356124	.360409	.364457	.368284	.371908	.375345	.378608	.381709	.384659	.387470	.390151	.392709	.395154	.397492	.399730
5.0		.341672	.346302	.350681	.354828	.358762	.362495	.366044	.369421	.372638	.375704	.378631	.381428	.384101	.386660	.389112
		.327649	.332589	.337269	.341709	.345926	.349934	.353749	.357383	.360848	.364155	.367314	.370335	.373226	.375995	.378649
		.314074	.319290	.324240	.328945	.333419	.337679	.341738	.345609	.349305	.352836	.356213	.359444	.362539	.365507	.368353
		.300961	.306418	.311608	.316548	.321255	.325742	.330024	.334113	.338021	.341760	.345338	.348767	.352053	.355207	.358234
		.288319	.293985	.299383	.304532	.309444	.314135	.318618	.322905	.327008	.330937	.334702	.338312	.341777	.345104	.348301
7.5		.276154	.281996	.287574	.292903	.297996	.302868	.307531	.311995	.316274	.320376	.324312	.328090	.331719	.335208	.338563
		.264468	.270455	.276163	.281666	.286916	.291946	.296767	.301390	.305826	.310085	.314175	.318106	.321887	.325524	.329025
		.253258	.259362	.265213	.270825	.276207	.281373	.286331	.291094	.295670	.300068	.304298	.308368	.312286	.316059	.319695
		.242520	.248713	.254662	.260378	.265871	.271151	.276227	.281110	.285808	.290330	.294685	.298879	.302921	.306817	.310576
		.232247	.238503	.244526	.250324	.255905	.261280	.266455	.271441	.276244	.280874	.285338	.289642	.293795	.297803	.301673
10.0		.222428	.228725	.234800	.240658	.246308	.251758	.257014	.262085	.266978	.271701	.276259	.280660	.284912	.289019	.292988
		.213053	.219370	.225475	.231375	.237075	.242582	.247902	.253042	.258009	.262810	.267449	.271934	.276271	.280466	.284524
		.204110	.210427	.216544	.222467	.228199	.233747	.239115	.244309	.249336	.254200	.258907	.263464	.267875	.272146	.276282
		.195583	.201883	.207996	.213925	.219674	.225247	.230648	.235882	.240955	.245870	.250632	.255248	.259722	.264058	.268262
		.187459	.193727	.199820	.205741	.211492	.217076	.222496	.227757	.232862	.237815	.242622	.247285	.251811	.256202	.260464
12.5		.179722	.185944	.192004	.197903	.203643	.209225	.214652	.219927	.225053	.230033	.234872	.239573	.244139	.248576	.252886
		.172357	.178521	.184536	.190402	.196118	.201686	.207108	.212386	.217522	.222519	.227380	.232107	.236706	.241178	.245527
		.165347	.171444	.177403	.183225	.188907	.194451	.199858	.205128	.210264	.215267	.220140	.224885	.229506	.234005	.238385
		.158678	.164698	.170593	.176361	.182000	.187510	.192892	.198145	.203271	.208271	.213148	.217902	.222537	.227054	.231457
		.152334	.158270	.164092	.169798	.175386	.180854	.186202	.191429	.196537	.201527	.206398	.211153	.215794	.220322	.224740
15.0		.146299	.152145	.157888	.163525	.169053	.174472	.179779	.184973	.190056	.195026	.199885	.204633	.209273	.213804	.218230
		.140559	.146309	.151967	.157529	.162993	.168355	.173614	.178769	.183818	.188763	.193602	.198337	.202968	.207496	.211924
		.135098	.140749	.146317	.151800	.157193	.162493	.167698	.172807	.177818	.182730	.187544	.192259	.196875	.201394	.205817
		.129904	.135451	.140926	.146325	.151643	.156876	.162022	.167079	.172046	.176921	.181703	.186392	.190989	.195493	.199905
		.124961	.130403	.135782	.141093	.146332	.151494	.156577	.161578	.166496	.171328	.176073	.180732	.185303	.189787	.194183
17.5		.120258	.125593	.130874	.136094	.141251	.146338	.151354	.156295	.161159	.165944	.170649	.175272	.179813	.184272	.188648
		.115782	.121008	.126189	.131317	.136389	.141399	.146344	.151222	.156028	.160762	.165422	.170006	.174512	.178942	.183293
		.111520	.116638	.121717	.126751	.131736	.136667	.141539	.146350	.151096	.155776	.160387	.164927	.169396	.173792	.178114
		.107462	.112471	.117448	.122387	.127284	.132133	.136930	.141671	.146355	.150977	.155536	.160030	.164457	.168816	.173107
		.103597	.108497	.113372	.118215	.123022	.127788	.132508	.137179	.141797	.146359	.150864	.155308	.159691	.164010	.168266
20.0		.099914	.104706	.109479	.114226	.118943	.123625	.128267	.132865	.137416	.141916	.146364	.150756	.155092	.159369	.163585
		.096403	.101088	.105759	.110411	.115038	.119635	.124197	.128722	.133204	.137640	.142029	.146368	.150654	.154886	.159062
		.093056	.097635	.102206	.106762	.111299	.115810	.120293	.124742	.129154	.133526	.137854	.142137	.146371	.150556	.154689
		.089863	.094338	.098809	.103270	.107717	.112144	.116546	.120919	.125261	.129566	.133833	.138058	.142239	.146375	.150463
		.086817	.091189	.095561	.099929	.104286	.108628	.112949	.117247	.121517	.125755	.129959	.134126	.138252	.142337	.146378
22.5		.083909	.088180	.092455	.096730	.100998	.105255	.109497	.113718	.117916	.122087	.126227	.130334	.134405	.138438	.142431
		.081133	.085304	.089483	.093666	.097847	.102020	.106182	.110327	.114453	.118556	.122632	.126678	.130692	.134672	.138615
		.078480	.082554	.086640	.090732	.094826	.098916	.102998	.107068	.111122	.115156	.119167	.123153	.127109	.131035	.134928
		.075945	.079924	.083917	.087921	.091929	.095937	.099940	.103935	.107917	.111882	.115829	.119753	.123652	.127522	.131363
		.073522	.077407	.081310	.085226	.089150	.093076	.097002	.100922	.104832	.108730	.112611	.116474	.120314	.124129	.127918

		rA(r,z)														
r	z	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.5	29.0	29.5
.0	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000
	.488883	.489125	.489357	.489579	.489792	.489996	.490192	.490381	.490563	.490738	.490906	.491069	.491225	.491225	.491377	.491523
	.477783	.478266	.478728	.479171	.479596	.480004	.480396	.480773	.481135	.481485	.481821	.482146	.482459	.482761	.483053	.483353
	.466716	.467438	.468128	.468791	.469426	.470036	.470622	.471186	.471728	.472251	.472754	.473240	.473709	.474161	.474598	.475016
	.455698	.456655	.457572	.458451	.459294	.460104	.460882	.461631	.462351	.463045	.463714	.464360	.464982	.465584	.466165	.466725
2.5	.444744	.445933	.447072	.448164	.449212	.450219	.451187	.452118	.453014	.453878	.454710	.455513	.456288	.457037	.457761	.458461
	.433871	.435286	.436642	.437943	.439193	.440393	.441547	.442657	.443726	.444756	.445750	.446709	.447634	.448528	.449392	.450225
	.423092	.424728	.426296	.427801	.429247	.430636	.431972	.433258	.434497	.435691	.436843	.437954	.439027	.440064	.441066	.442035
	.412422	.414272	.416046	.417750	.419386	.420960	.422474	.423931	.425336	.426690	.427996	.429257	.430475	.431652	.432790	.433890
	.401875	.403931	.405904	.407800	.409621	.411374	.413060	.414685	.416250	.417760	.419218	.420625	.421984	.423299	.424570	.425806
5.0	.391462	.393716	.395881	.397962	.399962	.401887	.403741	.405528	.407250	.408912	.410516	.412065	.413563	.415011	.416412	.417775
	.381195	.383640	.385988	.388246	.390419	.392510	.394526	.396468	.398342	.400150	.401897	.403585	.405216	.406794	.408322	.409800
	.371085	.373711	.376234	.378662	.380999	.383251	.385421	.387514	.389534	.391484	.393368	.395190	.396951	.398656	.400306	.401900
	.361143	.363939	.366629	.369218	.371713	.374117	.376435	.378673	.380833	.382919	.384936	.386886	.388773	.390600	.392369	.394080
	.351375	.354333	.357180	.359923	.362566	.365115	.367575	.369951	.372245	.374462	.376606	.378681	.380689	.382633	.384517	.386337
7.5	.341791	.344900	.347895	.350782	.353566	.356253	.358848	.361354	.363776	.366119	.368385	.370578	.372702	.374760	.376754	.378685
	.332397	.335647	.338780	.341803	.344720	.347537	.350258	.352889	.355433	.357894	.360276	.362583	.364818	.366984	.369085	.371120
	.323199	.326580	.329842	.332991	.336032	.338971	.341812	.344560	.347219	.349793	.352286	.354701	.357042	.359312	.361513	.363645
	.314202	.317703	.321084	.324350	.327508	.330561	.333514	.336372	.339140	.341820	.344418	.346935	.349377	.351745	.354044	.356275
	.305410	.309021	.312511	.315886	.319151	.322310	.325368	.328329	.331199	.333979	.336675	.339290	.341827	.344289	.346680	.349000
10.0	.296826	.300537	.304127	.307601	.310965	.314222	.317377	.320435	.323399	.326274	.329062	.331768	.334396	.336947	.339425	.341830
	.288452	.292253	.295934	.299499	.302952	.306300	.309545	.312692	.315744	.318706	.321582	.324374	.327085	.329720	.332281	.334760
	.280289	.284171	.287933	.291580	.295116	.298546	.301873	.305102	.308237	.311280	.314236	.317108	.319899	.322612	.325251	.327816
	.272338	.276292	.280126	.283847	.287457	.290962	.294364	.297668	.300878	.303997	.307028	.309974	.312839	.315626	.318337	.320973
	.264600	.268616	.272514	.276300	.279977	.283549	.287019	.290392	.293670	.296858	.299958	.302973	.305907	.308762	.311541	.314245
12.5	.257073	.261142	.265097	.268940	.272675	.276307	.279839	.283273	.286614	.289865	.293028	.296107	.299104	.302023	.304865	.307629
	.249757	.253871	.257873	.261766	.265553	.269238	.272824	.276314	.279711	.283019	.286239	.289376	.292432	.295409	.298310	.301135
	.242649	.246800	.250842	.254777	.258609	.262340	.265974	.269513	.272961	.276320	.279592	.282782	.285891	.288922	.291877	.294756
	.235747	.239928	.244003	.247973	.251842	.255613	.259289	.262871	.266363	.269768	.273088	.276325	.279482	.282562	.285566	.288495
	.229049	.233253	.237353	.241352	.245252	.249057	.252767	.256387	.259918	.263363	.266725	.270004	.273205	.276329	.279379	.282354
15.0	.222551	.226771	.230890	.234911	.238837	.242669	.246409	.250061	.253625	.257106	.260503	.263821	.267061	.270225	.273315	.276329
	.216251	.220480	.224612	.228649	.232594	.236448	.240212	.243890	.247483	.250994	.254423	.257774	.261048	.264248	.267374	.270425
	.210143	.214376	.218515	.222563	.226522	.230392	.234176	.237875	.241491	.245027	.248484	.251863	.255167	.258398	.261557	.264645
	.204226	.208456	.212597	.216651	.220617	.224499	.228297	.232012	.235647	.239204	.242683	.246087	.249417	.252675	.255863	.258980
	.198493	.202716	.206854	.210908	.214878	.218766	.222573	.226301	.229950	.233523	.237021	.240445	.243796	.247078	.250290	.253433
17.5	.192941	.197153	.201283	.205332	.209301	.213191	.217003	.220738	.224398	.227983	.231495	.234935	.238305	.241606	.244839	.248000
	.187566	.191762	.195880	.199920	.203884	.207772	.211584	.215323	.218988	.222582	.226104	.229556	.232941	.236257	.239508	.242690
	.182364	.186539	.190640	.194668	.198622	.202504	.206314	.210052	.213719	.217317	.220846	.224307	.227702	.231032	.234297	.237497
	.177328	.181480	.185561	.189572	.193514	.197385	.201188	.204922	.208588	.212187	.215719	.219186	.222589	.225927	.229203	.232416
	.172456	.176580	.180638	.184629	.188554	.192413	.196205	.199932	.203593	.207190	.210722	.214191	.217598	.220942	.224226	.227445
20.0	.167741	.171835	.175867	.179835	.183741	.187583	.191362	.195078	.198731	.202322	.205852	.209320	.212728	.216075	.219364	.222590
	.163181	.167241	.171244	.175186	.179069	.182892	.186655	.190357	.194000	.197583	.201106	.204571	.207977	.211325	.214616	.217845
	.158769	.162794	.166765	.170679	.174537	.178338	.182081	.185768	.189397	.192968	.196483	.199941	.203343	.206689	.209979	.213208
	.154501	.158489	.162425	.166309	.170139	.173916	.177638	.181305	.184918	.188477	.191980	.195429	.198824	.202165	.205453	.208685
	.150374	.154322	.158222	.162073	.165873	.169623	.173321	.176968	.180563	.184105	.187595	.191033	.194419	.197752	.201035	.204261
22.5	.146381	.150288	.154150	.157966	.161735	.165456	.169129	.172752	.176326	.179850	.183325	.186749	.190124	.193448	.196723	.199950
	.142520	.146384	.150207	.153986	.157722	.161412	.165057	.168655	.172207	.175711	.179167	.182576	.185937	.189250	.192516	.195735
	.138785	.142605	.146387	.150128	.153829	.157487	.161102	.164674	.168201	.171683	.175120	.178511	.181857	.185157	.188411	.191619
	.135172	.138947	.142687	.146389	.150053	.153678	.157262	.160805	.164306	.167765	.171180	.174553	.177881	.181166	.184407	.187603
	.131678	.135407	.139103	.142765	.146391	.149981	.153533	.157046	.160520	.163953	.167346	.170697	.174007	.177275	.180501	.183683

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TABLE II

$$r = 0(0.1) 10.4$$

$$z = -10.0(0.1) 9.9$$

		$H_r(r,z)$														
r	z	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
-10.0	.000000	.000049	.000098	.000148	.000197	.000245	.000294	.000342	.000390	.000438	.000485	.000532	.000579	.000625	.000670	
	.000000	.000051	.000101	.000152	.000203	.000253	.000303	.000353	.000402	.000451	.000500	.000548	.000596	.000643	.000690	
	.000000	.000052	.000105	.000157	.000209	.000261	.000312	.000363	.000414	.000465	.000515	.000565	.000614	.000663	.000711	
	.000000	.000054	.000108	.000162	.000215	.000269	.000322	.000375	.000427	.000479	.000531	.000582	.000633	.000683	.000732	
	.000000	.000056	.000111	.000167	.000222	.000277	.000332	.000386	.000440	.000494	.000547	.000600	.000652	.000704	.000755	
- 9.5	.000000	.000057	.000115	.000172	.000229	.000286	.000342	.000398	.000454	.000510	.000564	.000619	.000673	.000726	.000778	
	.000000	.000059	.000118	.000177	.000236	.000295	.000353	.000411	.000469	.000526	.000582	.000638	.000694	.000748	.000802	
	.000000	.000061	.000122	.000183	.000244	.000304	.000364	.000424	.000484	.000542	.000601	.000659	.000716	.000772	.000828	
	.000000	.000063	.000126	.000189	.000252	.000314	.000376	.000438	.000499	.000560	.000620	.000680	.000739	.000797	.000854	
	.000000	.000065	.000130	.000195	.000260	.000324	.000389	.000452	.000516	.000578	.000640	.000702	.000763	.000823	.000882	
- 9.0	.000000	.000067	.000135	.000202	.000269	.000335	.000401	.000467	.000533	.000597	.000661	.000725	.000788	.000849	.000910	
	.000000	.000070	.000139	.000208	.000278	.000346	.000415	.000483	.000550	.000617	.000683	.000749	.000814	.000877	.000940	
	.000000	.000072	.000144	.000216	.000287	.000358	.000429	.000499	.000569	.000638	.000706	.000774	.000841	.000907	.000972	
	.000000	.000074	.000149	.000223	.000297	.000370	.000444	.000516	.000588	.000660	.000730	.000800	.000869	.000937	.001004	
	.000000	.000077	.000154	.000231	.000307	.000383	.000459	.000534	.000609	.000682	.000755	.000828	.000899	.000969	.001038	
- 8.5	.000000	.000080	.000159	.000239	.000318	.000397	.000475	.000553	.000630	.000706	.000782	.000856	.000930	.001003	.001074	
	.000000	.000083	.000165	.000247	.000329	.000411	.000492	.000572	.000652	.000731	.000809	.000886	.000962	.001037	.001111	
	.000000	.000086	.000171	.000256	.000341	.000426	.000510	.000593	.000675	.000757	.000838	.000918	.000996	.001074	.001150	
	.000000	.000089	.000177	.000266	.000354	.000441	.000528	.000614	.000700	.000785	.000868	.000951	.001032	.001112	.001191	
	.000000	.000092	.000184	.000275	.000367	.000457	.000547	.000637	.000725	.000813	.000900	.000985	.001069	.001152	.001234	
- 8.0	.000000	.000095	.000191	.000286	.000380	.000474	.000568	.000661	.000752	.000843	.000933	.001021	.001109	.001194	.001279	
	.000000	.000099	.000198	.000296	.000395	.000492	.000589	.000685	.000781	.000875	.000968	.001059	.001150	.001238	.001326	
	.000000	.000103	.000205	.000308	.000410	.000511	.000612	.000711	.000810	.000908	.001004	.001099	.001193	.001285	.001375	
	.000000	.000107	.000213	.000320	.000426	.000531	.000635	.000739	.000841	.000943	.001043	.001141	.001238	.001333	.001427	
	.000000	.000111	.000222	.000332	.000442	.000552	.000660	.000768	.000874	.000979	.001083	.001185	.001286	.001384	.001481	
- 7.5	.000000	.000115	.000231	.000345	.000460	.000573	.000686	.000798	.000908	.001018	.001125	.001231	.001336	.001438	.001538	
	.000000	.000120	.000240	.000359	.000478	.000596	.000714	.000830	.000945	.001058	.001170	.001280	.001388	.001494	.001598	
	.000000	.000125	.000250	.000374	.000498	.000621	.000743	.000864	.000983	.001101	.001217	.001331	.001443	.001553	.001661	
	.000000	.000130	.000260	.000390	.000518	.000646	.000773	.000899	.001023	.001146	.001266	.001385	.001502	.001616	.001728	
	.000000	.000136	.000271	.000406	.000540	.000673	.000806	.000936	.001066	.001193	.001319	.001442	.001563	.001682	.001798	
- 7.0	.000000	.000141	.000283	.000423	.000563	.000702	.000840	.000976	.001111	.001243	.001374	.001502	.001628	.001751	.001871	
	.000000	.000147	.000295	.000441	.000587	.000732	.000876	.001018	.001158	.001296	.001432	.001566	.001696	.001824	.001949	
	.000000	.000154	.000308	.000461	.000613	.000764	.000914	.001062	.001208	.001352	.001494	.001632	.001769	.001902	.002031	
	.000000	.000161	.000321	.000481	.000640	.000798	.000954	.001109	.001261	.001411	.001559	.001703	.001845	.001983	.002118	
	.000000	.000168	.000336	.000503	.000669	.000834	.000997	.001158	.001317	.001474	.001627	.001778	.001926	.002070	.002210	
- 6.5	.000000	.000176	.000351	.000526	.000699	.000872	.001042	.001210	.001377	.001540	.001700	.001857	.002011	.002161	.002307	
	.000000	.000184	.000367	.000550	.000732	.000912	.001090	.001266	.001440	.001610	.001778	.001941	.002102	.002258	.002410	
	.000000	.000193	.000385	.000576	.000766	.000955	.001141	.001325	.001506	.001685	.001859	.002031	.002197	.002360	.002518	
	.000000	.000202	.000403	.000604	.000803	.001000	.001195	.001388	.001578	.001764	.001946	.002125	.002299	.002469	.002633	
	.000000	.000212	.000423	.000633	.000842	.001048	.001253	.001455	.001653	.001848	.002039	.002225	.002407	.002584	.002756	
- 6.0	.000000	.000222	.000444	.000664	.000883	.001100	.001314	.001526	.001734	.001938	.002137	.002332	.002522	.002707	.002886	
	.000000	.000233	.000466	.000697	.000927	.001155	.001380	.001601	.001819	.002033	.002242	.002446	.002644	.002837	.003023	
	.000000	.000245	.000490	.000733	.000974	.001214	.001450	.001682	.001911	.002135	.002353	.002567	.002774	.002976	.003170	
	.000000	.000258	.000515	.000771	.001025	.001276	.001524	.001768	.002008	.002243	.002472	.002696	.002913	.003123	.003326	
	.000000	.000271	.000542	.000812	.001079	.001343	.001604	.001861	.002112	.002359	.002599	.002833	.003061	.003280	.003492	
- 5.5	.000000	.000286	.000571	.000855	.001136	.001415	.001689	.001959	.002224	.002483	.002735	.002980	.003218	.003448	.003670	
	.000000	.000302	.000603	.000902	.001198	.001492	.001781	.002065	.002343	.002615	.002880	.003138	.003387	.003628	.003859	
	.000000	.000319	.000636	.000952	.001265	.001574	.001879	.002178	.002471	.002757	.003036	.003306	.003567	.003819	.004061	
	.000000	.000337	.000672	.001006	.001336	.001662	.001984	.002299	.002608	.002909	.003202	.003486	.003760	.004024	.004278	
	.000000	.000356	.000711	.001063	.001413	.001758	.002097	.002430	.002755	.003073	.003381	.003679	.003967	.004244	.004509

		$H_T(r, z)$														
z	r	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-10.0		.000715	.000759	.000803	.000846	.000888	.000930	.000971	.001011	.001050	.001089	.001127	.001163	.001199	.001234	.001269
		.000736	.000782	.000827	.000871	.000914	.000957	.000999	.001040	.001081	.001120	.001159	.001196	.001233	.001269	.001304
		.000758	.000805	.000851	.000897	.000941	.000985	.001028	.001071	.001112	.001152	.001192	.001231	.001268	.001305	.001341
		.000781	.000829	.000877	.000924	.000970	.001015	.001059	.001102	.001145	.001186	.001227	.001266	.001305	.001343	.001379
		.000805	.000855	.000903	.000952	.000999	.001045	.001090	.001135	.001178	.001221	.001263	.001303	.001343	.001381	.001419
- 9.5		.000830	.000881	.000931	.000981	.001029	.001077	.001123	.001169	.001214	.001257	.001300	.001342	.001382	.001421	.001460
		.000856	.000908	.000960	.001011	.001061	.001110	.001157	.001204	.001250	.001295	.001339	.001381	.001423	.001463	.001502
		.000883	.000937	.000990	.001042	.001093	.001144	.001193	.001241	.001288	.001334	.001379	.001423	.001465	.001507	.001547
		.000911	.000966	.001021	.001075	.001128	.001179	.001230	.001280	.001328	.001375	.001421	.001466	.001509	.001552	.001593
		.000940	.000997	.001054	.001109	.001163	.001216	.001269	.001319	.001369	.001417	.001465	.001511	.001555	.001598	.001640
- 9.0		.000970	.001030	.001088	.001145	.001200	.001255	.001309	.001361	.001412	.001462	.001510	.001557	.001603	.001647	.001690
		.001002	.001063	.001123	.001182	.001239	.001295	.001350	.001404	.001457	.001508	.001557	.001606	.001652	.001698	.001742
		.001035	.001098	.001160	.001220	.001280	.001337	.001394	.001449	.001503	.001556	.001606	.001656	.001704	.001750	.001795
		.001070	.001135	.001198	.001261	.001322	.001381	.001439	.001496	.001552	.001605	.001658	.001708	.001758	.001805	.001851
		.001106	.001173	.001239	.001303	.001366	.001427	.001487	.001545	.001602	.001657	.001711	.001763	.001813	.001862	.001909
- 8.5		.001144	.001213	.001281	.001347	.001411	.001475	.001536	.001596	.001655	.001712	.001767	.001820	.001872	.001922	.001970
		.001184	.001255	.001324	.001393	.001459	.001525	.001588	.001650	.001710	.001768	.001825	.001879	.001932	.001983	.002033
		.001225	.001298	.001370	.001441	.001510	.001577	.001642	.001706	.001767	.001827	.001885	.001941	.001996	.002048	.002098
		.001268	.001344	.001418	.001491	.001562	.001631	.001698	.001764	.001827	.001889	.001948	.002006	.002062	.002115	.002167
		.001314	.001392	.001469	.001544	.001617	.001688	.001757	.001825	.001890	.001953	.002014	.002073	.002130	.002185	.002238
- 8.0		.001361	.001442	.001521	.001599	.001674	.001747	.001819	.001888	.001955	.002020	.002083	.002144	.002202	.002258	.002312
		.001411	.001495	.001576	.001656	.001734	.001810	.001883	.001955	.002024	.002091	.002155	.002217	.002277	.002335	.002390
		.001463	.001550	.001634	.001717	.001797	.001875	.001951	.002024	.002095	.002164	.002230	.002294	.002355	.002414	.002471
		.001518	.001608	.001695	.001780	.001863	.001943	.002022	.002097	.002170	.002241	.002309	.002375	.002437	.002497	.002555
		.001576	.001668	.001758	.001846	.001932	.002015	.002096	.002174	.002249	.002322	.002391	.002458	.002523	.002584	.002643
- 7.5		.001636	.001732	.001825	.001916	.002005	.002090	.002173	.002254	.002331	.002406	.002478	.002546	.002612	.002675	.002735
		.001700	.001799	.001895	.001989	.002081	.002169	.002255	.002338	.002417	.002494	.002568	.002638	.002706	.002770	.002832
		.001766	.001869	.001969	.002066	.002161	.002252	.002340	.002426	.002508	.002587	.002662	.002735	.002804	.002870	.002932
		.001837	.001945	.002047	.002147	.002245	.002339	.002430	.002518	.002602	.002684	.002761	.002835	.002906	.002974	.003038
		.001911	.002021	.002128	.002232	.002333	.002430	.002524	.002615	.002702	.002785	.002865	.002941	.003014	.003083	.003148
- 7.0		.001989	.002103	.002214	.002322	.002426	.002527	.002624	.002717	.002806	.002892	.002974	.003052	.003126	.003197	.003263
		.002071	.002190	.002305	.002416	.002524	.002628	.002728	.002824	.002916	.003004	.003088	.003168	.003244	.003316	.003384
		.002158	.002281	.002400	.002515	.002627	.002734	.002837	.002937	.003031	.003122	.003208	.003290	.003368	.003442	.003511
		.002250	.002377	.002501	.002620	.002735	.002846	.002953	.003055	.003153	.003246	.003335	.003419	.003498	.003573	.003643
		.002346	.002479	.002607	.002731	.002850	.002965	.003075	.003180	.003280	.003376	.003467	.003553	.003634	.003711	.003782
- 6.5		.002449	.002586	.002719	.002847	.002971	.003089	.003203	.003311	.003415	.003513	.003607	.003695	.003778	.003856	.003928
		.002557	.002700	.002838	.002971	.003098	.003221	.003338	.003450	.003557	.003658	.003753	.003843	.003928	.004007	.004082
		.002672	.002820	.002963	.003101	.003233	.003360	.003481	.003596	.003706	.003810	.003908	.004000	.004086	.004167	.004242
		.002793	.002947	.003096	.003239	.003376	.003507	.003632	.003751	.003863	.003970	.004070	.004165	.004253	.004335	.004411
		.002922	.003082	.003236	.003385	.003526	.003662	.003791	.003914	.004030	.004139	.004242	.004338	.004428	.004511	.004589
- 6.0		.003058	.003225	.003385	.003539	.003686	.003826	.003959	.004086	.004205	.004317	.004422	.004521	.004612	.004697	.004775
		.003204	.003377	.003543	.003703	.003855	.004000	.004138	.004268	.004390	.004505	.004613	.004714	.004807	.004892	.004971
		.003356	.003538	.003711	.003877	.004035	.004184	.004326	.004460	.004586	.004704	.004814	.004917	.005011	.005098	.005178
		.003522	.003710	.003890	.004061	.004225	.004380	.004526	.004664	.004794	.004915	.005027	.005131	.005227	.005315	.005395
		.003697	.003892	.004079	.004258	.004427	.004587	.004738	.004880	.005013	.005137	.005252	.005358	.005455	.005543	.005624
- 5.5		.003883	.004087	.004281	.004466	.004642	.004807	.004963	.005109	.005246	.005372	.005489	.005597	.005695	.005784	.005865
		.004081	.004294	.004496	.004688	.004870	.005041	.005202	.005352	.005492	.005621	.005740	.005850	.005949	.006038	.006118
		.004293	.004515	.004725	.004925	.005113	.005290	.005456	.005610	.005753	.005885	.006006	.006117	.006217	.006306	.006386
		.004520	.004751	.004970	.005177	.005372	.005555	.005725	.005884	.006031	.006165	.006288	.006400	.006500	.006590	.006669
		.004762	.005003	.005231	.005446	.005648	.005837	.006012	.006175	.006325	.006462	.006587	.006699	.006800	.006889	.006967

$H_r(r, z)$

r	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
z															
-10.0	.001302 .001338 .001376 .001415 .001455	.001334 .001371 .001410 .001449 .001490	.001366 .001403 .001442 .001483 .001524	.001396 .001435 .001474 .001515 .001558	.001426 .001465 .001505 .001546 .001590	.001455 .001494 .001535 .001577 .001620	.001482 .001522 .001563 .001606 .001650	.001509 .001549 .001591 .001634 .001679	.001535 .001576 .001618 .001661 .001706	.001560 .001601 .001643 .001687 .001733	.001584 .001625 .001668 .001712 .001758	.001607 .001649 .001692 .001736 .001782	.001629 .001671 .001714 .001759 .001805	.001650 .001692 .001736 .001781 .001828	.001670 .001713 .001757 .001802 .001849
- 9.5	.001497 .001540 .001585 .001632 .001681	.001533 .001577 .001623 .001671 .001720	.001568 .001613 .001659 .001708 .001758	.001602 .001647 .001695 .001744 .001795	.001634 .001680 .001728 .001778 .001830	.001666 .001712 .001761 .001811 .001863	.001696 .001743 .001792 .001843 .001896	.001725 .001773 .001822 .001874 .001927	.001753 .001801 .001851 .001903 .001956	.001780 .001828 .001879 .001931 .001985	.001805 .001854 .001905 .001957 .002012	.001830 .001879 .001930 .001983 .002037	.001853 .001903 .001954 .002007 .002062	.001876 .001925 .001977 .002030 .002085	.001897 .001947 .001998 .002052 .002107
- 9.0	.001731 .001784 .001839 .001895 .001954	.001772 .001825 .001880 .001938 .001998	.001810 .001864 .001921 .001979 .002040	.001847 .001902 .001959 .002019 .002080	.001883 .001939 .001996 .002056 .002119	.001918 .001974 .002032 .002092 .002155	.001950 .002007 .002066 .002127 .002190	.001982 .002039 .002098 .002160 .002224	.002012 .002070 .002129 .002191 .002255	.002041 .002099 .002159 .002221 .002285	.002068 .002126 .002187 .002249 .002314	.002094 .002152 .002213 .002276 .002341	.002118 .002177 .002238 .002301 .002366	.002142 .002200 .002261 .002324 .002389	.002164 .002222 .002283 .002346 .002412
- 8.5	.002016 .002080 .002147 .002216 .002288	.002060 .002125 .002193 .002263 .002337	.002103 .002169 .002237 .002309 .002383	.002144 .002211 .002280 .002352 .002427	.002183 .002250 .002320 .002393 .002469	.002221 .002288 .002359 .002432 .002508	.002256 .002324 .002395 .002469 .002546	.002290 .002359 .002430 .002504 .002581	.002322 .002391 .002463 .002537 .002615	.002352 .002422 .002494 .002569 .002646	.002381 .002451 .002523 .002598 .002675	.002408 .002478 .002550 .002625 .002703	.002433 .002503 .002576 .002651 .002728	.002457 .002527 .002599 .002674 .002752	.002479 .002549 .002621 .002696 .002774
- 8.0	.002364 .002442 .002524 .002610 .002699	.002413 .002493 .002576 .002662 .002752	.002460 .002540 .002624 .002712 .002803	.002505 .002586 .002671 .002759 .002851	.002547 .002629 .002714 .002803 .002896	.002587 .002670 .002756 .002845 .002938	.002625 .002708 .002795 .002884 .002978	.002661 .002745 .002831 .002921 .003015	.002695 .002779 .002865 .002955 .003049	.002727 .002810 .002897 .002987 .003081	.002756 .002840 .002927 .003017 .003111	.002784 .002867 .002954 .003044 .003138	.002809 .002893 .002979 .003069 .003163	.002832 .002916 .003002 .003092 .003185	.002854 .002937 .003023 .003113 .003205
- 7.5	.002792 .002890 .002992 .003098 .003210	.002847 .002945 .003048 .003155 .003268	.002898 .002997 .003101 .003209 .003322	.002946 .003046 .003151 .003260 .003373	.002992 .003093 .003197 .003307 .003421	.003035 .003136 .003241 .003351 .003465	.003075 .003176 .003282 .003391 .003506	.003112 .003214 .003319 .003429 .003544	.003147 .003248 .003354 .003464 .003578	.003179 .003280 .003386 .003495 .003609	.003208 .003309 .003415 .003524 .003638	.003235 .003336 .003441 .003550 .003663	.003260 .003360 .003465 .003573 .003686	.003282 .003382 .003486 .003593 .003705	.003301 .003401 .003504 .003611 .003722
- 7.0	.003326 .003448 .003576 .003709 .003849	.003385 .003508 .003636 .003771 .003912	.003440 .003564 .003693 .003828 .003970	.003492 .003616 .003746 .003881 .004023	.003540 .003664 .003794 .003930 .004072	.003584 .003709 .003839 .003975 .004116	.003625 .003750 .003880 .004015 .004157	.003663 .003787 .003917 .004052 .004193	.003697 .003821 .003950 .004085 .004225	.003728 .003852 .003980 .004114 .004254	.003756 .003879 .004007 .004140 .004279	.003781 .003903 .004030 .004163 .004300	.003803 .003924 .004050 .004182 .004318	.003821 .003942 .004067 .004197 .004332	.003838 .003957 .004081 .004210 .004344
- 6.5	.003996 .004150 .004312 .004482 .004660	.004059 .004214 .004376 .004546 .004725	.004118 .004273 .004435 .004605 .004784	.004171 .004326 .004489 .004659 .004837	.004220 .004375 .004537 .004707 .004885	.004264 .004419 .004581 .004750 .004927	.004304 .004459 .004620 .004788 .004964	.004340 .004494 .004654 .004821 .004996	.004372 .004524 .004684 .004850 .005023	.004399 .004551 .004709 .004873 .005045	.004423 .004573 .004730 .004893 .005063	.004443 .004592 .004747 .004908 .005076	.004460 .004607 .004760 .004920 .005086	.004473 .004618 .004770 .004927 .005091	.004482 .004626 .004776 .004931 .005093
- 6.0	.004847 .005043 .005250 .005467 .005696	.004912 .005108 .005315 .005532 .005760	.004971 .005167 .005373 .005589 .005816	.005024 .005219 .005424 .005640 .005865	.005071 .005265 .005469 .005683 .005907	.005112 .005305 .005508 .005720 .005942	.005148 .005340 .005541 .005751 .005971	.005178 .005369 .005568 .005776 .005993	.005203 .005392 .005589 .005795 .006009	.005224 .005410 .005605 .005816 .006020	.005240 .005424 .005616 .005819 .006025	.005251 .005433 .005622 .005818 .006025	.005258 .005437 .005624 .005818 .006020	.005261 .005438 .005621 .005812 .006010	.005260 .005434 .005614 .005802 .005997
- 5.5	.005936 .006189 .006456 .006737 .007034	.006000 .006252 .006517 .006796 .007090	.006055 .006305 .006569 .006846 .007137	.006102 .006351 .006612 .006886 .007174	.006142 .006389 .006647 .006918 .007203	.006175 .006419 .006674 .006942 .007222	.006201 .006442 .006694 .006958 .007234	.006220 .006458 .006706 .006966 .007238	.006233 .006467 .006712 .006968 .007235	.006241 .006471 .006712 .006963 .007224	.006242 .006469 .006705 .006951 .007208	.006238 .006461 .006693 .006934 .007186	.006230 .006448 .006676 .006912 .007158	.006216 .006431 .006653 .006885 .007125	.006199 .006409 .006627 .006853 .007088

$H_T(r, z)$															
r	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
z															
-10.0	.001690 .001732 .001776 .001822 .001868	.001708 .001751 .001795 .001840 .001887	.001726 .001768 .001813 .001858 .001905	.001742 .001785 .001829 .001875 .001922	.001758 .001801 .001845 .001891 .001938	.001773 .001816 .001860 .001906 .001953	.001787 .001830 .001874 .001920 .001967	.001800 .001843 .001887 .001933 .001980	.001813 .001855 .001900 .001945 .001992	.001824 .001867 .001911 .001956 .002003	.001835 .001878 .001922 .001967 .002013	.001845 .001888 .001931 .001976 .002023	.001854 .001897 .001940 .001985 .002031	.001863 .001905 .001948 .001993 .002039	.001871 .001913 .001956 .002000 .002046
- 9.5	.001917 .001967 .002019 .002072 .002127	.001936 .001986 .002038 .002091 .002146	.001954 .002004 .002056 .002109 .002164	.001971 .002021 .002073 .002126 .002181	.001987 .002037 .002088 .002142 .002197	.002002 .002052 .002103 .002156 .002211	.002015 .002065 .002117 .002170 .002225	.002028 .002078 .002130 .002182 .002237	.002040 .002090 .002141 .002194 .002248	.002051 .002101 .002152 .002204 .002258	.002061 .002111 .002161 .002214 .002267	.002070 .002120 .002170 .002222 .002276	.002079 .002128 .002178 .002230 .002283	.002086 .002135 .002185 .002236 .002289	.002093 .002141 .002191 .002242 .002294
- 9.0	.002184 .002243 .002304 .002367 .002432	.002203 .002262 .002323 .002386 .002451	.002221 .002280 .002341 .002404 .002469	.002238 .002297 .002358 .002420 .002485	.002254 .002312 .002373 .002435 .002500	.002268 .002326 .002387 .002449 .002513	.002281 .002339 .002400 .002462 .002525	.002293 .002351 .002411 .002473 .002536	.002304 .002362 .002421 .002483 .002546	.002314 .002371 .002431 .002491 .002554	.002323 .002380 .002439 .002499 .002561	.002331 .002387 .002446 .002506 .002567	.002337 .002394 .002451 .002511 .002572	.002343 .002399 .002456 .002515 .002576	.002348 .002403 .002460 .002519 .002579
- 8.5	.002500 .002569 .002641 .002716 .002793	.002518 .002588 .002660 .002735 .002812	.002536 .002605 .002677 .002751 .002828	.002552 .002621 .002693 .002766 .002843	.002566 .002635 .002706 .002780 .002856	.002580 .002648 .002719 .002792 .002867	.002591 .002660 .002730 .002802 .002877	.002602 .002670 .002739 .002811 .002886	.002611 .002678 .002747 .002819 .002893	.002619 .002686 .002754 .002825 .002898	.002626 .002692 .002760 .002830 .002902	.002631 .002697 .002764 .002834 .002905	.002636 .002700 .002767 .002836 .002907	.002639 .002703 .002769 .002837 .002907	.002641 .002705 .002770 .002837 .002907
- 8.0	.002874 .002956 .003042 .003131 .003223	.002891 .002974 .003059 .003148 .003239	.002907 .002989 .003074 .003162 .003253	.002922 .003003 .003088 .003175 .003265	.002934 .003015 .003099 .003186 .003275	.002945 .003026 .003109 .003195 .003283	.002954 .003034 .003117 .003202 .003290	.002962 .003041 .003123 .003207 .003294	.002969 .003047 .003128 .003214 .003297	.002973 .003051 .003131 .003214 .003299	.002977 .003054 .003133 .003214 .003298	.002979 .003055 .003133 .003214 .003297	.002980 .003055 .003132 .003212 .003294	.002980 .003054 .003130 .003209 .003289	.002978 .003051 .003127 .003204 .003284
- 7.5	.003319 .003418 .003520 .003627 .003737	.003334 .003432 .003534 .003640 .003749	.003347 .003445 .003546 .003650 .003758	.003359 .003455 .003555 .003658 .003766	.003368 .003463 .003562 .003665 .003770	.003375 .003470 .003568 .003669 .003773	.003380 .003474 .003571 .003671 .003774	.003384 .003477 .003572 .003671 .003773	.003386 .003477 .003572 .003669 .003770	.003386 .003477 .003570 .003666 .003765	.003385 .003474 .003566 .003661 .003759	.003382 .003470 .003561 .003654 .003751	.003378 .003465 .003554 .003646 .003741	.003373 .003458 .003546 .003637 .003730	.003366 .003450 .003537 .003626 .003718
- 7.0	.003851 .003969 .004092 .004220 .004352	.003862 .003979 .004101 .004227 .004357	.003870 .003986 .004106 .004231 .004360	.003876 .003991 .004110 .004232 .004359	.003880 .003993 .004110 .004231 .004357	.003881 .003993 .004109 .004228 .004352	.003881 .003991 .004105 .004223 .004344	.003878 .003987 .004099 .004215 .004334	.003874 .003981 .004091 .004205 .004323	.003867 .003973 .004082 .004194 .004309	.003859 .003963 .004070 .004180 .004294	.003850 .003952 .004057 .004165 .004277	.003839 .003939 .004042 .004148 .004258	.003826 .003924 .004026 .004130 .004237	.003812 .003909 .004008 .004111 .004216
- 6.5	.004489 .004631 .004779 .004932 .005091	.004492 .004633 .004778 .004929 .005085	.004493 .004631 .004775 .004923 .005077	.004491 .004627 .004768 .004914 .005065	.004486 .004620 .004759 .004903 .005051	.004479 .004611 .004747 .004888 .005034	.004470 .004599 .004733 .004872 .005014	.004458 .004585 .004717 .004853 .004993	.004444 .004569 .004698 .004831 .004969	.004428 .004551 .004678 .004808 .004943	.004411 .004531 .004655 .004783 .004915	.004391 .004509 .004631 .004756 .004885	.004370 .004486 .004605 .004728 .004854	.004348 .004461 .004578 .004698 .004821	.004324 .004435 .004549 .004666 .004787
- 6.0	.005255 .005426 .005604 .005788 .005979	.005247 .005415 .005590 .005770 .005957	.005236 .005401 .005572 .005749 .005932	.005222 .005384 .005551 .005724 .005904	.005204 .005363 .005527 .005697 .005873	.005185 .005340 .005501 .005667 .005838	.005162 .005314 .005472 .005634 .005802	.005137 .005286 .005440 .005599 .005763	.005110 .005256 .005407 .005562 .005721	.005081 .005224 .005371 .005522 .005678	.005050 .005190 .005333 .005481 .005633	.005017 .005154 .005294 .005438 .005586	.004983 .005116 .005253 .005394 .005538	.004947 .005077 .005211 .005348 .005489	.004910 .005037 .005167 .005301 .005438
- 5.5	.006177 .006382 .006596 .006817 .007046	.006151 .006352 .006561 .006777 .007000	.006122 .006319 .006522 .006733 .006951	.006090 .006282 .006480 .006686 .006898	.006054 .006241 .006435 .006635 .006842	.006016 .006199 .006387 .006582 .006784	.005975 .006153 .006337 .006527 .006723	.005931 .006105 .006285 .006469 .006659	.005886 .006055 .006230 .006410 .006594	.005838 .006004 .006173 .006348 .006528	.005789 .005950 .006115 .006285 .006459	.005738 .005895 .006056 .006221 .006390	.005686 .005838 .005995 .006155 .006319	.005633 .005781 .005933 .006088 .006248	.005578 .005722 .005870 .006021 .006175

		$H_T(r,z)$															
r		6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	
z																	
-10.0		.001878	.001884	.001890	.001895	.001899	.001903	.001906	.001909	.001911	.001912	.001913	.001913	.001913	.001913	.001911	
		.001919	.001926	.001931	.001936	.001940	.001944	.001946	.001949	.001950	.001951	.001952	.001952	.001951	.001950	.001949	
		.001963	.001968	.001974	.001978	.001982	.001985	.001988	.001990	.001991	.001992	.001992	.001991	.001990	.001989	.001987	
		.002007	.002012	.002017	.002021	.002025	.002028	.002030	.002032	.002032	.002033	.002033	.002032	.002030	.002029	.002026	
		.002052	.002057	.002062	.002066	.002069	.002072	.002073	.002075	.002075	.002075	.002074	.002073	.002071	.002069	.002066	
- 9.5		.002099	.002104	.002108	.002112	.002114	.002116	.002118	.002119	.002119	.002118	.002117	.002115	.002113	.002111	.002107	
		.002147	.002151	.002155	.002158	.002161	.002162	.002163	.002164	.002163	.002163	.002161	.002159	.002156	.002153	.002149	
		.002196	.002200	.002204	.002206	.002208	.002210	.002210	.002209	.002208	.002206	.002206	.002203	.002200	.002196	.002192	
		.002246	.002250	.002253	.002256	.002257	.002258	.002258	.002256	.002254	.002252	.002252	.002249	.002245	.002241	.002236	
		.002298	.002302	.002305	.002306	.002307	.002308	.002307	.002306	.002304	.002302	.002299	.002295	.002291	.002286	.002281	
- 9.0		.002352	.002355	.002357	.002358	.002359	.002359	.002358	.002356	.002354	.002351	.002347	.002343	.002338	.002332	.002326	
		.002407	.002409	.002411	.002412	.002412	.002411	.002409	.002407	.002404	.002401	.002396	.002391	.002386	.002380	.002373	
		.002463	.002465	.002466	.002467	.002466	.002465	.002462	.002460	.002456	.002452	.002447	.002441	.002435	.002428	.002421	
		.002521	.002523	.002523	.002523	.002522	.002520	.002517	.002513	.002509	.002504	.002498	.002492	.002485	.002478	.002470	
		.002581	.002582	.002582	.002581	.002579	.002576	.002573	.002568	.002563	.002558	.002551	.002544	.002537	.002528	.002520	
- 8.5		.002642	.002642	.002642	.002640	.002637	.002634	.002630	.002625	.002619	.002613	.002605	.002598	.002589	.002580	.002571	
		.002705	.002705	.002703	.002701	.002697	.002693	.002688	.002683	.002676	.002669	.002661	.002652	.002643	.002633	.002623	
		.002770	.002769	.002766	.002763	.002759	.002754	.002748	.002742	.002734	.002726	.002718	.002708	.002698	.002688	.002676	
		.002836	.002834	.002831	.002827	.002822	.002817	.002810	.002803	.002794	.002785	.002776	.002765	.002754	.002743	.002731	
		.002905	.002902	.002898	.002893	.002887	.002881	.002873	.002865	.002856	.002846	.002835	.002824	.002812	.002800	.002787	
- 8.0		.002975	.002972	.002967	.002961	.002954	.002946	.002938	.002929	.002918	.002908	.002896	.002884	.002871	.002858	.002844	
		.003048	.003043	.003037	.003030	.003023	.003014	.003004	.002994	.002983	.002971	.002958	.002945	.002931	.002917	.002902	
		.003122	.003116	.003109	.003102	.003093	.003083	.003072	.003061	.003049	.003036	.003022	.003008	.002993	.002977	.002961	
		.003198	.003192	.003184	.003175	.003165	.003154	.003142	.003129	.003116	.003102	.003087	.003072	.003056	.003039	.003022	
		.003277	.003269	.003260	.003250	.003239	.003227	.003214	.003200	.003185	.003170	.003154	.003137	.003120	.003102	.003084	
- 7.5		.003358	.003348	.003338	.003327	.003314	.003301	.003287	.003272	.003256	.003239	.003222	.003204	.003186	.003167	.003147	
		.003441	.003430	.003419	.003406	.003392	.003377	.003362	.003345	.003328	.003310	.003292	.003273	.003253	.003232	.003212	
		.003526	.003514	.003501	.003487	.003472	.003456	.003439	.003421	.003402	.003383	.003363	.003343	.003321	.003300	.003277	
		.003614	.003600	.003586	.003570	.003554	.003536	.003518	.003498	.003478	.003458	.003436	.003414	.003391	.003368	.003345	
		.003704	.003689	.003673	.003656	.003637	.003618	.003598	.003578	.003556	.003534	.003511	.003487	.003463	.003438	.003413	
- 7.0		.003796	.003780	.003762	.003743	.003723	.003703	.003681	.003659	.003635	.003611	.003587	.003562	.003536	.003510	.003483	
		.003892	.003873	.003854	.003833	.003812	.003789	.003766	.003741	.003717	.003691	.003665	.003638	.003611	.003583	.003555	
		.003989	.003969	.003948	.003925	.003902	.003878	.003852	.003826	.003800	.003772	.003744	.003716	.003687	.003657	.003628	
		.004090	.004067	.004044	.004020	.003994	.003968	.003941	.003913	.003885	.003855	.003826	.003795	.003765	.003733	.003702	
		.004193	.004169	.004143	.004117	.004089	.004061	.004032	.004002	.003972	.003940	.003909	.003877	.003844	.003811	.003778	
- 6.5		.004299	.004272	.004245	.004216	.004187	.004156	.004125	.004093	.004060	.004027	.003993	.003959	.003925	.003890	.003855	
		.004407	.004379	.004349	.004318	.004286	.004253	.004220	.004186	.004151	.004116	.004080	.004044	.004007	.003970	.003933	
		.004519	.004488	.004456	.004422	.004388	.004353	.004317	.004281	.004244	.004206	.004168	.004130	.004091	.004052	.004013	
		.004634	.004600	.004565	.004529	.004492	.004455	.004417	.004378	.004339	.004299	.004258	.004218	.004177	.004136	.004095	
		.004751	.004715	.004677	.004639	.004599	.004559	.004518	.004477	.004435	.004393	.004350	.004307	.004264	.004221	.004177	
- 6.0		.004872	.004833	.004792	.004751	.004709	.004666	.004622	.004578	.004534	.004489	.004444	.004399	.004353	.004307	.004262	
		.004996	.004953	.004910	.004866	.004820	.004775	.004729	.004682	.004635	.004587	.004540	.004492	.004444	.004395	.004347	
		.005123	.005077	.005030	.004983	.004935	.004886	.004837	.004787	.004737	.004687	.004637	.004586	.004536	.004485	.004434	
		.005253	.005204	.005154	.005103	.005052	.005000	.004948	.004895	.004842	.004789	.004736	.004683	.004629	.004576	.004523	
		.005386	.005333	.005280	.005226	.005171	.005116	.005061	.005005	.004949	.004893	.004837	.004781	.004725	.004669	.004613	
- 5.5		.005523	.005466	.005409	.005352	.005293	.005235	.005176	.005117	.005058	.004999	.004939	.004880	.004821	.004763	.004704	
		.005663	.005602	.005541	.005480	.005418	.005356	.005294	.005231	.005169	.005106	.005044	.004982	.004920	.004858	.004797	
		.005806	.005741	.005676	.005611	.005545	.005479	.005413	.005347	.005281	.005216	.005150	.005085	.005020	.004955	.004891	
		.005953	.005884	.005815	.005745	.005675	.005605	.005536	.005466	.005396	.005327	.005258	.005189	.005121	.005053	.004986	
		.006102	.006029	.005955	.005882	.005808	.005734	.005660	.005586	.005513	.005440	.005367	.005295	.005224	.005153	.005082

		$H_r(r,z)$														
r	z	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
-10.0		.001910	.001908	.001905	.001903	.001899	.001896	.001892	.001887	.001883	.001878	.001872	.001867	.001861	.001854	.001848
		.001947	.001945	.001942	.001938	.001935	.001931	.001926	.001921	.001916	.001911	.001905	.001899	.001893	.001886	.001879
		.001985	.001982	.001979	.001975	.001971	.001966	.001962	.001956	.001951	.001945	.001939	.001932	.001925	.001918	.001911
		.002024	.002020	.002017	.002012	.002008	.002003	.001998	.001992	.001986	.001980	.001973	.001966	.001959	.001951	.001943
		.002063	.002059	.002055	.002051	.002046	.002040	.002034	.002028	.002022	.002015	.002008	.002000	.001993	.001985	.001976
- 9.5		.002104	.002099	.002095	.002090	.002084	.002078	.002072	.002065	.002058	.002051	.002043	.002035	.002027	.002019	.002010
		.002145	.002140	.002135	.002129	.002123	.002117	.002110	.002103	.002095	.002088	.002079	.002071	.002062	.002053	.002044
		.002187	.002182	.002176	.002170	.002164	.002157	.002149	.002142	.002133	.002125	.002116	.002107	.002098	.002088	.002079
		.002230	.002225	.002218	.002212	.002205	.002197	.002189	.002181	.002172	.002163	.002154	.002144	.002135	.002124	.002114
		.002275	.002268	.002261	.002254	.002246	.002238	.002230	.002221	.002212	.002202	.002192	.002182	.002172	.002161	.002150
- 9.0		.002320	.002313	.002305	.002297	.002289	.002280	.002271	.002262	.002252	.002242	.002231	.002220	.002209	.002198	.002187
		.002366	.002358	.002350	.002342	.002333	.002323	.002313	.002303	.002293	.002282	.002271	.002260	.002248	.002236	.002224
		.002413	.002405	.002396	.002387	.002377	.002367	.002357	.002346	.002335	.002323	.002311	.002299	.002287	.002274	.002262
		.002461	.002452	.002443	.002433	.002422	.002412	.002400	.002389	.002377	.002365	.002353	.002340	.002327	.002314	.002300
		.002510	.002501	.002490	.002480	.002469	.002457	.002445	.002433	.002421	.002408	.002394	.002381	.002367	.002353	.002339
- 8.5		.002561	.002550	.002539	.002528	.002516	.002504	.002491	.002478	.002465	.002451	.002437	.002423	.002409	.002394	.002379
		.002612	.002601	.002589	.002577	.002564	.002551	.002538	.002524	.002510	.002495	.002481	.002466	.002451	.002435	.002420
		.002665	.002653	.002640	.002627	.002613	.002599	.002585	.002570	.002556	.002540	.002525	.002509	.002493	.002477	.002461
		.002718	.002705	.002692	.002678	.002663	.002649	.002633	.002618	.002602	.002586	.002570	.002553	.002537	.002520	.002503
		.002773	.002759	.002745	.002730	.002714	.002699	.002683	.002666	.002650	.002633	.002616	.002598	.002581	.002563	.002545
- 8.0		.002829	.002814	.002799	.002783	.002767	.002750	.002733	.002716	.002698	.002680	.002662	.002644	.002626	.002607	.002588
		.002886	.002870	.002854	.002837	.002820	.002802	.002784	.002766	.002747	.002729	.002710	.002691	.002671	.002652	.002632
		.002945	.002928	.002910	.002892	.002874	.002855	.002836	.002817	.002798	.002778	.002758	.002738	.002718	.002697	.002676
		.003004	.002986	.002967	.002948	.002929	.002909	.002889	.002869	.002849	.002828	.002807	.002786	.002765	.002743	.002722
		.003065	.003046	.003026	.003006	.002985	.002965	.002943	.002922	.002901	.002879	.002857	.002835	.002812	.002790	.002768
- 7.5		.003127	.003106	.003086	.003064	.003043	.003021	.002999	.002976	.002953	.002931	.002907	.002884	.002861	.002838	.002814
		.003190	.003168	.003146	.003124	.003101	.003078	.003055	.003031	.003007	.002983	.002959	.002935	.002910	.002886	.002861
		.003255	.003232	.003208	.003185	.003160	.003136	.003112	.003087	.003062	.003037	.003011	.002986	.002960	.002935	.002909
		.003321	.003296	.003272	.003246	.003221	.003195	.003169	.003143	.003117	.003091	.003064	.003038	.003011	.002985	.002958
		.003388	.003362	.003336	.003309	.003283	.003256	.003228	.003201	.003174	.003146	.003118	.003091	.003063	.003035	.003007
- 7.0		.003456	.003429	.003401	.003374	.003345	.003317	.003288	.003260	.003231	.003202	.003173	.003144	.003115	.003086	.003057
		.003526	.003497	.003468	.003439	.003409	.003379	.003349	.003319	.003289	.003259	.003229	.003198	.003168	.003138	.003108
		.003597	.003567	.003536	.003505	.003474	.003443	.003411	.003380	.003348	.003317	.003285	.003253	.003222	.003190	.003159
		.003670	.003638	.003605	.003573	.003540	.003507	.003474	.003441	.003408	.003375	.003342	.003309	.003276	.003244	.003211
		.003744	.003710	.003676	.003642	.003607	.003573	.003538	.003504	.003469	.003435	.003400	.003366	.003332	.003298	.003264
- 6.5		.003819	.003783	.003748	.003712	.003676	.003639	.003603	.003567	.003531	.003495	.003459	.003423	.003388	.003352	.003317
		.003896	.003858	.003821	.003783	.003745	.003707	.003669	.003631	.003594	.003556	.003519	.003481	.003444	.003407	.003371
		.003974	.003934	.003895	.003855	.003815	.003776	.003736	.003697	.003657	.003618	.003579	.003540	.003502	.003463	.003425
		.004053	.004012	.003970	.003928	.003887	.003845	.003804	.003763	.003722	.003681	.003640	.003600	.003560	.003520	.003480
		.004134	.004090	.004047	.004003	.003960	.003916	.003873	.003830	.003787	.003744	.003702	.003660	.003618	.003577	.003536
- 6.0		.004216	.004170	.004124	.004079	.004033	.003988	.003943	.003898	.003853	.003809	.003765	.003721	.003678	.003635	.003592
		.004299	.004251	.004203	.004156	.004108	.004061	.004013	.003967	.003920	.003874	.003828	.003783	.003738	.003693	.003649
		.004384	.004334	.004283	.004233	.004184	.004134	.004085	.004036	.003988	.003940	.003892	.003845	.003798	.003752	.003706
		.004470	.004417	.004365	.004312	.004260	.004209	.004158	.004107	.004056	.004006	.003957	.003908	.003859	.003811	.003764
		.004557	.004502	.004447	.004393	.004338	.004284	.004231	.004178	.004126	.004074	.004022	.003971	.003921	.003871	.003822
- 5.5		.004646	.004588	.004531	.004474	.004417	.004361	.004305	.004250	.004196	.004142	.004088	.004035	.003983	.003932	.003881
		.004736	.004675	.004615	.004556	.004497	.004438	.004380	.004323	.004266	.004210	.004155	.004100	.004046	.003992	.003940
		.004827	.004764	.004701	.004639	.004577	.004516	.004456	.004397	.004338	.004279	.004222	.004165	.004109	.004054	.003999
		.004919	.004853	.004788	.004723	.004659	.004595	.004533	.004471	.004410	.004349	.004290	.004231	.004173	.004116	.004059
		.005013	.004944	.004875	.004808	.004741	.004675	.004610	.004546	.004482	.004420	.004358	.004297	.004237	.004178	.004119

		$H_r(r, z)$														
r		9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
z																
-10.0		.001841 .001872 .001903 .001935 .001968	.001834 .001865 .001896 .001927 .001959	.001827 .001857 .001888 .001919 .001950	.001820 .001849 .001879 .001910 .001941	.001812 .001841 .001871 .001901 .001932	.001804 .001833 .001862 .001892 .001922	.001796 .001825 .001853 .001883 .001912	.001788 .001816 .001844 .001873 .001902	.001780 .001807 .001835 .001864 .001892	.001771 .001798 .001826 .001854 .001882	.001763 .001789 .001817 .001844 .001872	.001754 .001780 .001807 .001834 .001861	.001745 .001771 .001797 .001824 .001851	.001736 .001762 .001788 .001814 .001840	.001727 .001752 .001778 .001803 .001830
- 9.5		.002001 .002034 .002069 .002103 .002139	.001992 .002025 .002058 .002093 .002127	.001982 .002015 .002048 .002082 .002116	.001972 .002005 .002037 .002070 .002104	.001963 .001994 .002026 .002059 .002092	.001953 .001984 .002015 .002047 .002080	.001942 .001973 .002004 .002036 .002068	.001932 .001962 .001993 .002024 .002055	.001922 .001951 .001981 .002012 .002043	.001911 .001940 .001970 .002000 .002030	.001900 .001929 .001958 .001988 .002018	.001889 .001918 .001946 .001975 .002005	.001878 .001906 .001934 .001963 .001992	.001867 .001895 .001922 .001950 .001979	.001856 .001883 .001910 .001938 .001966
- 9.0		.002175 .002211 .002249 .002287 .002325	.002163 .002199 .002235 .002273 .002310	.002151 .002186 .002222 .002259 .002296	.002138 .002173 .002209 .002244 .002281	.002126 .002160 .002195 .002230 .002266	.002113 .002147 .002181 .002216 .002251	.002100 .002133 .002167 .002201 .002236	.002087 .002120 .002153 .002186 .002220	.002074 .002106 .002139 .002172 .002205	.002061 .002093 .002124 .002157 .002189	.002048 .002079 .002110 .002142 .002174	.002035 .002065 .002096 .002127 .002158	.002021 .002051 .002081 .002112 .002143	.002008 .002037 .002067 .002097 .002127	.001994 .002023 .002052 .002081 .002111
- 8.5		.002364 .002404 .002444 .002485 .002527	.002349 .002388 .002428 .002468 .002509	.002333 .002372 .002411 .002450 .002490	.002318 .002356 .002394 .002432 .002472	.002302 .002339 .002377 .002415 .002453	.002287 .002323 .002360 .002397 .002435	.002271 .002306 .002342 .002379 .002416	.002255 .002290 .002325 .002361 .002397	.002239 .002273 .002308 .002343 .002378	.002223 .002256 .002290 .002325 .002360	.002206 .002239 .002273 .002307 .002341	.002190 .002223 .002255 .002288 .002322	.002174 .002206 .002238 .002270 .002303	.002158 .002189 .002220 .002252 .002284	.002141 .002172 .002203 .002234 .002266
- 8.0		.002569 .002612 .002656 .002700 .002745	.002550 .002592 .002635 .002678 .002722	.002531 .002572 .002614 .002657 .002700	.002512 .002552 .002593 .002635 .002677	.002492 .002532 .002572 .002613 .002654	.002473 .002512 .002551 .002591 .002631	.002453 .002492 .002530 .002569 .002609	.002434 .002471 .002509 .002547 .002586	.002415 .002451 .002488 .002526 .002563	.002395 .002431 .002467 .002504 .002541	.002375 .002411 .002446 .002482 .002518	.002356 .002390 .002425 .002460 .002496	.002337 .002370 .002404 .002439 .002473	.002317 .002350 .002383 .002417 .002451	.002298 .002330 .002363 .002396 .002429
- 7.5		.002791 .002837 .002884 .002931 .002979	.002767 .002812 .002858 .002905 .002952	.002743 .002788 .002832 .002878 .002924	.002720 .002763 .002807 .002851 .002896	.002696 .002738 .002781 .002825 .002869	.002672 .002714 .002756 .002798 .002841	.002649 .002689 .002730 .002772 .002814	.002625 .002665 .002705 .002746 .002787	.002602 .002641 .002680 .002720 .002760	.002578 .002616 .002655 .002694 .002733	.002555 .002592 .002630 .002668 .002706	.002532 .002568 .002605 .002642 .002679	.002509 .002544 .002580 .002616 .002653	.002486 .002520 .002555 .002591 .002627	.002463 .002497 .002531 .002566 .002601
- 7.0		.003028 .003078 .003128 .003178 .003230	.002999 .003048 .003096 .003146 .003196	.002970 .003018 .003065 .003114 .003162	.002942 .002988 .003034 .003082 .003129	.002913 .002958 .003004 .003050 .003096	.002885 .002929 .002973 .003018 .003063	.002856 .002899 .002943 .002986 .003031	.002828 .002870 .002912 .002955 .002998	.002800 .002841 .002882 .002924 .002966	.002772 .002812 .002853 .002893 .002934	.002745 .002784 .002823 .002863 .002903	.002717 .002755 .002794 .002832 .002872	.002690 .002727 .002765 .002802 .002841	.002663 .002699 .002736 .002773 .002810	.002636 .002671 .002707 .002743 .002779
- 6.5		.003282 .003334 .003387 .003441 .003495	.003247 .003298 .003349 .003402 .003454	.003212 .003262 .003312 .003363 .003414	.003177 .003226 .003275 .003325 .003375	.003143 .003190 .003238 .003287 .003335	.003109 .003155 .003202 .003249 .003296	.003075 .003120 .003166 .003212 .003258	.003042 .003086 .003130 .003175 .003220	.003009 .003052 .003095 .003138 .003182	.002976 .003018 .003060 .003102 .003145	.002943 .002984 .003025 .003066 .003108	.002911 .002951 .002991 .003031 .003071	.002879 .002918 .002957 .002996 .003035	.002847 .002885 .002923 .002961 .003000	.002816 .002853 .002890 .002927 .002965
- 6.0		.003550 .003605 .003660 .003717 .003773	.003508 .003561 .003616 .003670 .003725	.003466 .003518 .003571 .003624 .003678	.003425 .003476 .003527 .003579 .003631	.003384 .003434 .003484 .003534 .003584	.003344 .003392 .003441 .003490 .003539	.003304 .003351 .003398 .003446 .003494	.003265 .003311 .003357 .003403 .003449	.003226 .003271 .003315 .003360 .003405	.003188 .003231 .003274 .003318 .003362	.003150 .003192 .003234 .003277 .003319	.003112 .003153 .003194 .003236 .003277	.003075 .003115 .003155 .003195 .003236	.003038 .003077 .003116 .003155 .003195	.003002 .003040 .003078 .003116 .003154
- 5.5		.003830 .003888 .003945 .004004 .004062	.003781 .003836 .003892 .003949 .004005	.003731 .003786 .003840 .003895 .003950	.003683 .003736 .003788 .003842 .003895	.003635 .003686 .003738 .003789 .003841	.003588 .003638 .003687 .003738 .003788	.003542 .003590 .003638 .003687 .003735	.003496 .003543 .003590 .003637 .003684	.003450 .003496 .003542 .003587 .003633	.003406 .003450 .003494 .003539 .003583	.003362 .003405 .003448 .003491 .003534	.003319 .003360 .003402 .003444 .003486	.003276 .003317 .003357 .003398 .003439	.003234 .003273 .003313 .003352 .003392	.003193 .003231 .003269 .003308 .003346

		$H_r(r, z)$														
z	r	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
- 5.0		.000000	.000377	.000753	.001126	.001495	.001860	.002219	.002570	.002914	.003249	.003573	.003887	.004189	.004480	.004757
		.000000	.000400	.000798	.001193	.001585	.001971	.002350	.002722	.003085	.003438	.003780	.004110	.004428	.004732	.005023
		.000000	.000424	.000846	.001266	.001681	.002090	.002492	.002885	.003269	.003642	.004002	.004350	.004685	.005004	.005309
		.000000	.000450	.000899	.001344	.001785	.002219	.002645	.003062	.003468	.003862	.004243	.004609	.004961	.005297	.005616
		.000000	.000479	.000956	.001430	.001898	.002359	.002811	.003253	.003683	.004099	.004502	.004889	.005259	.005612	.005947
- 4.5		.000000	.000510	.001018	.001522	.002020	.002510	.002991	.003460	.003915	.004357	.004782	.005191	.005581	.005952	.006303
		.000000	.000544	.001086	.001623	.002153	.002675	.003186	.003684	.004168	.004636	.005086	.005517	.005929	.006319	.006688
		.000000	.000581	.001159	.001732	.002298	.002854	.003398	.003928	.004442	.004938	.005415	.005871	.006305	.006716	.007103
		.000000	.000621	.001239	.001851	.002456	.003049	.003629	.004194	.004740	.005267	.005773	.006255	.006713	.007146	.007552
		.000000	.000665	.001326	.001982	.002628	.003262	.003881	.004483	.005065	.005625	.006162	.006672	.007156	.007612	.008039
- 4.0		.000000	.000713	.001422	.002124	.002816	.003495	.004157	.004799	.005420	.006016	.006585	.007127	.007638	.008118	.008567
		.000000	.000765	.001527	.002281	.003023	.003750	.004459	.005146	.005808	.006443	.007048	.007622	.008163	.008669	.009140
		.000000	.000823	.001642	.002453	.003250	.004030	.004790	.005525	.006232	.006909	.007554	.008162	.008735	.009269	.009763
		.000000	.000887	.001769	.002642	.003500	.004338	.005154	.005942	.006698	.007421	.008107	.008754	.009359	.009923	.010442
		.000000	.000958	.001910	.002851	.003775	.004678	.005554	.006400	.007211	.007983	.008714	.009402	.010043	.010637	.011183
- 3.5		.000000	.001036	.002065	.003082	.004080	.005053	.005997	.006906	.007775	.008602	.009382	.010113	.010792	.011419	.011992
		.000000	.001122	.002237	.003337	.004417	.005468	.006486	.007465	.008399	.009284	.010117	.010895	.011615	.012276	.012878
		.000000	.001218	.002428	.003622	.004791	.005929	.007029	.008084	.009088	.010038	.010928	.011756	.012520	.013217	.013848
		.000000	.001325	.002641	.003938	.005208	.006442	.007632	.008771	.009853	.010872	.011825	.012707	.013517	.014252	.014913
		.000000	.001445	.002879	.004292	.005673	.007013	.008303	.009536	.010702	.011798	.012819	.013759	.014618	.015393	.016085
- 3.0		.000000	.001579	.003146	.004688	.006194	.007652	.009054	.010389	.011649	.012829	.013922	.014925	.015836	.016652	.017375
		.000000	.001730	.003445	.005132	.006778	.008369	.009894	.011343	.012707	.013978	.015151	.016221	.017186	.018045	.018799
		.000000	.001900	.003783	.005633	.007435	.009174	.010837	.012413	.013890	.015262	.016521	.017663	.018686	.019589	.020373
		.000000	.002092	.004164	.006198	.008177	.010082	.011900	.013616	.015220	.016701	.018054	.019273	.020356	.021303	.022116
		.000000	.002309	.004596	.006839	.009016	.011109	.013100	.014973	.016716	.018319	.019773	.021074	.022220	.023211	.024050
- 2.5		.000000	.002557	.005088	.007567	.009970	.012274	.014460	.016509	.018406	.020141	.021705	.023093	.024304	.025338	.026200
		.000000	.002840	.005649	.008397	.011056	.013600	.016005	.018250	.020320	.022201	.023883	.025364	.026640	.027715	.028595
		.000000	.003163	.006291	.009347	.012298	.015114	.017767	.020233	.022494	.024535	.026346	.027923	.029265	.030378	.031267
		.000000	.003536	.007029	.010438	.013723	.016849	.019783	.022497	.024971	.027188	.029138	.030815	.032223	.033366	.034256
		.000000	.003965	.007880	.011695	.015363	.018843	.022097	.025092	.027804	.030214	.032312	.034094	.035563	.036729	.037605
- 2.0		.000000	.004462	.008864	.013148	.017258	.021145	.024763	.028075	.031053	.033677	.035934	.037822	.039347	.040521	.041365
		.000000	.005040	.010008	.014835	.019456	.023810	.027846	.031518	.034795	.037652	.040078	.042072	.043642	.044808	.045595
		.000000	.005713	.011340	.016800	.022013	.026908	.031423	.035506	.039118	.042232	.044836	.046933	.048534	.049667	.050364
		.000000	.006500	.012898	.019096	.024999	.030522	.035591	.040143	.044132	.047529	.050320	.052511	.054122	.055187	.055751
		.000000	.007423	.014726	.021788	.028498	.034754	.040464	.045555	.049971	.053677	.056662	.058934	.060522	.061475	.061849
- 1.5		.000000	.008510	.016875	.024954	.032612	.039725	.046183	.051896	.056796	.060843	.064025	.066356	.067879	.068656	.068766
		.000000	.009789	.019407	.028685	.037460	.045583	.052918	.059354	.064809	.069231	.072609	.074967	.076361	.076880	.076988
		.000000	.011299	.022396	.033090	.043188	.052506	.060878	.068163	.074256	.079094	.082662	.084997	.086178	.086324	.085578
		.000000	.013079	.025923	.038295	.049964	.060707	.070314	.078606	.085445	.090746	.094493	.096733	.097582	.097201	.095786
		.000000	.015174	.030078	.044439	.057983	.070435	.081531	.091035	.098760	.104587	.108489	.110536	.110885	.109765	.107445
- 1.0		.000000	.017628	.034955	.051673	.067459	.081977	.094891	.105882	.114684	.121124	.125152	.126860	.126474	.124320	.120776
		.000000	.020480	.040640	.060141	.078614	.095652	.110819	.123675	.133833	.141017	.145130	.146294	.144835	.141231	.136024
		.000000	.023755	.047191	.069960	.091653	.111786	.129793	.145060	.156994	.165137	.169293	.169614	.166586	.160932	.153450
		.000000	.027446	.054613	.081175	.106712	.130668	.152322	.170804	.185184	.194666	.198838	.197870	.192520	.183926	.173306
		.000000	.031497	.062810	.093694	.123771	.152454	.178861	.201778	.219725	.231259	.235482	.232533	.223663	.210774	.195783
- .5		.000000	.035777	.071537	.107198	.142521	.176991	.209641	.238862	.262326	.277329	.281828	.275750	.261338	.242011	.220884
		.000000	.040060	.080350	.121045	.162188	.203538	.244294	.282626	.315093	.336580	.342146	.330826	.307171	.277911	.248180
		.000000	.044026	.088583	.134196	.181347	.230372	.281166	.332446	.380125	.415027	.424286	.403141	.362751	.317831	.276354
		.000000	.047281	.095401	.145260	.197882	.254458	.316307	.384409	.457216	.522672	.545578	.501661	.427746	.358670	.302551
		.000000	.049434	.099941	.152723	.209274	.271639	.342872	.427871	.534642	.670371	.760637	.636091	.492368	.392354	.322009

$H_r(r, z)$

r	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
z															
- 5.0	.005022 .005300 .005598 .005919 .006263	.005273 .005562 .005808 .006128 .006471 .006839	.005510 .005808 .006128 .006369 .006721 .007098	.005733 .006040 .006369 .006721 .007098	.005942 .006257 .006593 .006952 .007337	.006137 .006458 .006800 .007166 .007557	.006318 .006644 .006991 .007362 .007758	.006485 .006815 .007166 .007540 .007940	.006638 .006971 .007325 .007702 .008103	.006777 .007112 .007468 .007846 .008249	.006903 .007239 .007596 .007975 .008377	.007016 .007352 .007709 .008087 .008488	.007117 .007452 .007808 .008184 .008583	.007205 .007539 .007893 .008267 .008663	.007281 .007613 .007964 .008335 .008727
- 4.5	.006634 .007034 .007466 .007932 .008436	.006945 .007358 .007804 .008285 .008804	.007234 .007659 .008117 .008610 .009142	.007502 .007937 .008404 .008907 .009449	.007750 .008192 .008667 .009178 .009727	.007976 .008424 .008905 .009422 .009976	.008181 .008634 .009119 .009639 .010197	.008366 .008822 .009310 .009831 .010390	.008532 .008989 .009477 .009998 .010556	.008678 .009135 .009622 .010142 .010696	.008805 .009261 .009745 .010262 .010812	.008914 .009367 .009849 .010360 .010905	.009006 .009455 .009932 .010438 .010976	.009082 .009526 .009997 .010496 .011026	.009142 .009580 .010044 .010536 .011056
- 4.0	.008983 .009575 .010219 .010918 .011681	.009366 .009974 .010634 .011351 .012129	.009716 .010337 .011010 .011739 .012530	.010034 .010664 .011346 .012084 .012884	.010319 .010956 .011644 .012388 .013191	.010572 .011214 .011905 .012650 .013454	.010795 .011438 .012129 .012873 .013674	.010988 .011630 .012319 .013059 .013854	.011152 .011791 .012475 .013208 .013995	.011289 .011922 .012599 .013324 .014099	.011399 .012025 .012694 .013407 .014170	.011485 .012102 .012760 .013461 .014208	.011547 .012154 .012800 .013487 .014217	.011587 .012183 .012815 .013487 .014199	.011607 .012190 .012808 .013463 .014157
- 3.5	.012512 .013419 .014412 .015500 .016693	.012977 .013901 .014910 .016013 .017220	.013390 .014325 .015344 .016455 .017668	.013750 .014691 .015714 .016827 .018040	.014061 .015003 .016024 .017134 .018339	.014323 .015261 .016277 .017377 .018569	.014538 .015469 .016475 .017561 .018735	.014709 .015630 .016621 .017689 .018841	.014839 .015745 .016719 .017766 .018892	.014930 .015819 .016773 .017796 .018892	.014984 .015855 .016786 .017781 .018846	.015005 .015854 .016761 .017728 .018759	.014994 .015822 .016702 .017639 .018635	.014956 .015759 .016612 .017517 .018478	.014892 .015670 .016495 .017368 .018292
- 3.0	.018005 .019448 .021040 .022797 .024742	.018544 .019997 .021594 .023353 .025292	.018995 .020448 .022040 .023788 .025710	.019362 .020806 .022384 .024111 .026002	.019650 .021077 .022632 .024328 .026180	.019862 .021266 .022791 .024449 .026253	.020005 .021380 .022869 .024482 .026231	.020083 .021424 .022872 .024435 .026124	.020103 .021406 .022808 .024318 .025942	.020068 .021331 .022685 .024137 .025695	.019986 .021204 .022508 .023902 .025392	.019860 .021033 .022285 .023619 .025040	.019696 .020823 .022022 .023296 .024648	.019498 .020579 .021725 .022938 .024223	.019271 .020305 .021398 .022553 .023770
- 2.5	.026896 .029287 .031946 .034906 .038210	.027434 .029802 .032425 .035335 .038565	.027824 .030153 .032722 .035559 .038695	.028076 .030352 .032853 .035601 .038625	.028203 .030414 .032833 .035480 .038378	.028216 .030353 .032681 .035217 .037980	.028127 .030184 .032414 .034832 .037454	.027948 .029919 .032047 .034344 .036822	.027691 .029572 .031596 .033770 .036104	.027366 .029157 .031074 .033126 .035318	.026984 .028683 .030495 .032426 .034480	.026553 .028162 .029871 .031684 .033605	.026083 .027603 .029211 .030911 .032703	.025581 .027014 .028526 .030116 .031787	.025054 .026404 .027822 .029309 .030864
- 2.0	.041901 .046033 .050665 .055866 .061715	.042158 .046158 .050616 .055590 .061144	.042165 .046006 .050262 .054980 .060209	.041952 .045616 .049650 .054092 .058980	.041550 .045024 .048825 .052981 .057522	.040989 .044264 .047826 .051696 .055893	.040294 .043369 .046693 .050280 .054143	.039493 .042368 .045458 .048771 .052315	.038607 .041287 .044150 .047202 .050445	.037657 .040149 .042796 .045600 .048561	.036661 .038972 .041415 .043987 .046688	.035634 .037774 .040024 .042382 .044842	.034589 .036568 .038639 .040797 .043037	.033537 .035365 .037269 .039244 .041283	.032487 .034175 .035924 .037731 .039588
- 1.5	.068300 .075722 .084094 .093543 .104205	.067349 .074282 .082028 .090674 .100308	.066005 .072424 .079525 .087363 .095987	.064354 .070254 .076715 .083769 .091435	.062475 .067864 .073709 .080023 .086803	.060435 .065334 .070599 .076227 .082203	.058291 .062729 .067456 .072459 .077717	.056092 .060102 .064336 .068777 .073399	.053877 .057492 .061279 .065219 .069282	.051674 .054931 .058316 .061810 .065385	.049508 .052440 .055466 .058567 .061715	.047396 .050034 .052741 .055495 .058272	.045350 .047725 .050147 .052596 .055051	.043378 .045518 .047687 .049869 .052043	.041486 .043415 .045360 .047307 .049237
- 1.0	.116224 .129743 .144884 .161717 .180194	.111011 .122848 .135842 .149946 .164994	.105431 .115704 .126767 .138513 .150730	.099714 .108578 .117957 .127719 .137650	.094029 .101654 .109593 .117711 .125814	.088496 .095047 .101769 .108538 .115186	.083191 .088820 .094524 .100189 .105677	.078161 .083005 .087857 .092620 .097180	.073428 .077606 .081747 .085772 .089586	.069001 .072612 .076161 .079579 .082790	.064875 .068007 .071059 .073977 .076697	.061040 .063764 .066401 .068904 .071222	.057482 .059859 .062146 .064304 .066291	.054184 .056265 .058257 .060125 .061838	.051127 .052956 .054697 .056323 .057806
- .5	.200050 .220630 .240672 .258131 .270324	.180626 .196201 .210715 .222804 .230929	.163062 .174964 .185694 .194355 .200028	.147435 .156643 .164738 .171125 .175236	.133641 .140858 .147081 .151907 .154975	.121500 .127229 .132094 .135820 .138165	.110817 .115420 .119282 .122209 .124039	.101402 .105141 .108248 .110584 .112037	.093083 .096151 .098682 .100572 .101742	.085709 .088252 .090335 .091883 .092838	.079153 .081278 .083009 .084291 .085078	.073303 .075093 .076545 .077616 .078272	.068065 .069584 .070812 .071714 .072266	.063359 .064658 .065703 .066469 .066937	.059119 .060235 .061131 .061786 .062186

		$H_T(r,z)$														
r	z	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
- 5.0		.007346 .007675 .008023 .008390 .008777	.007400 .007726 .008070 .008432 .008814	.007443 .007766 .008105 .008462 .008839	.007477 .007795 .008130 .008481 .008851	.007501 .007815 .008144 .008489 .008852	.007516 .007825 .008148 .008487 .008843	.007523 .007826 .008143 .008476 .008824	.007522 .007819 .008130 .008455 .008796	.007513 .007805 .008109 .008427 .008759	.007498 .007783 .008081 .008391 .008715	.007476 .007755 .008046 .008349 .008664	.007448 .007720 .008004 .008299 .008607	.007414 .007680 .007957 .008245 .008544	.007375 .007635 .007904 .008184 .008475	.007332 .007585 .007847 .008119 .008402
- 4.5		.009186 .009619 .010075 .010558 .011068	.009217 .009642 .010091 .010564 .011063	.009235 .009652 .010091 .010554 .011042	.009240 .009649 .010079 .010531 .011007	.009233 .009633 .010054 .010495 .010959	.009216 .009607 .010017 .010447 .010898	.009188 .009570 .009970 .010388 .010827	.009152 .009524 .009913 .010320 .010745	.009106 .009469 .009847 .010157 .010655	.009053 .009406 .009774 .010157 .010556	.008993 .009336 .009693 .009965 .010451	.008927 .009259 .009512 .009860 .010339	.008854 .009177 .009512 .009860 .010221	.008777 .009090 .009414 .009751 .010099	.008694 .008997 .009311 .009637 .009973
- 4.0		.011607 .012177 .012780 .013417 .014091	.011590 .012146 .012733 .013352 .014006	.011556 .012098 .012668 .013269 .013902	.011508 .012034 .012588 .013170 .013782	.011446 .011957 .012493 .013056 .013647	.011371 .011867 .012386 .012930 .013499	.011285 .011765 .012267 .012792 .013341	.011190 .011654 .012139 .012645 .013173	.011085 .011534 .012001 .012489 .012996	.010972 .011405 .011856 .012325 .012813	.010853 .011270 .011705 .012156 .012624	.010727 .011130 .011548 .011981 .012430	.010596 .010984 .011386 .011802 .012233	.010460 .010834 .011220 .011620 .012033	.010321 .010680 .011052 .011435 .011830
- 3.5		.014804 .015557 .016353 .017194 .018081	.014695 .015423 .016189 .016997 .017849	.014568 .015269 .016007 .016782 .017597	.014424 .015099 .015808 .016551 .017331	.014266 .014915 .015595 .016307 .017051	.014095 .014719 .015371 .016051 .016762	.013914 .014512 .015136 .015786 .016464	.013723 .014296 .014893 .015514 .016159	.013524 .014074 .014644 .015237 .015851	.013319 .013845 .014390 .014955 .015539	.013109 .013612 .014133 .014671 .015227	.012895 .013376 .013872 .014385 .014914	.012678 .013137 .013611 .014099 .014602	.012458 .012897 .013349 .013814 .014291	.012238 .012657 .013088 .013530 .013984
- 3.0		.019018 .020006 .021048 .022144 .023297	.018745 .019687 .020678 .021717 .022808	.018453 .019351 .020292 .021277 .022307	.018147 .019001 .019894 .020826 .021798	.017829 .018641 .019488 .020369 .021285	.017502 .018273 .019075 .019908 .020772	.017168 .017900 .018659 .019446 .020259	.016829 .017523 .018242 .018984 .019750	.016487 .017145 .017825 .018525 .019247	.016144 .016767 .017410 .018071 .018750	.015800 .016391 .016998 .017622 .018261	.015458 .016017 .016591 .017180 .017781	.015118 .015648 .016190 .016745 .017311	.014781 .015283 .015795 .016319 .016852	.014448 .014923 .015408 .015902 .016404
- 2.5		.024508 .025778 .027107 .028495 .029942	.023949 .025142 .026386 .027682 .029027	.023381 .024501 .025666 .026874 .028124	.022809 .023860 .024949 .026075 .027236	.022236 .023221 .024239 .025289 .026368	.021665 .022589 .023540 .024518 .025520	.021099 .021964 .022853 .023764 .024696	.020539 .021350 .022180 .023030 .023895	.019987 .020747 .021523 .022315 .023120	.019446 .020157 .020883 .021621 .022370	.018915 .019581 .020260 .020948 .021645	.018395 .019020 .019655 .020297 .020946	.017888 .018474 .019068 .019668 .020272	.017394 .017943 .018499 .019060 .019623	.016913 .017428 .017949 .018473 .018998
- 2.0		.031445 .033003 .034611 .036264 .037955	.030419 .031856 .033334 .034847 .036388	.029413 .030739 .032097 .033482 .034887	.028430 .029653 .030902 .032171 .033453	.027473 .028602 .029751 .030914 .032086	.026544 .027587 .028644 .029711 .030782	.025644 .026607 .027581 .028561 .029542	.024775 .025665 .026562 .027462 .028362	.023935 .024758 .025586 .026415 .027240	.023126 .023888 .024652 .025415 .026173	.022348 .023053 .023759 .024463 .025160	.021599 .022253 .022906 .023555 .024197	.020879 .021486 .022090 .022690 .023282	.020187 .020751 .021311 .021866 .022412	.019524 .020047 .020567 .021081 .021585
- 1.5		.039676 .041417 .043164 .044905 .046621	.037950 .039522 .041094 .042653 .044183	.036306 .037728 .039145 .040544 .041912	.034743 .036032 .037311 .038568 .039794	.033260 .034429 .035585 .036718 .037819	.031853 .032915 .033962 .034985 .035976	.030519 .031485 .032435 .033361 .034254	.029254 .030135 .030999 .031838 .032645	.028057 .028861 .029647 .030409 .031141	.026922 .027657 .028374 .029067 .029731	.025847 .026520 .027175 .027806 .028411	.024828 .025445 .026044 .026621 .027172	.023863 .024429 .024978 .025506 .026009	.022947 .023468 .023972 .024456 .024916	.022079 .022559 .023022 .023466 .023888
- 1.0		.048295 .049907 .051435 .052855 .054146	.045670 .047095 .048441 .049687 .050816	.043235 .044500 .045689 .046787 .047778	.040976 .042100 .043155 .044126 .045000	.038877 .039880 .040818 .041680 .042453	.036925 .037823 .038660 .039427 .040114	.035108 .035914 .036663 .037348 .037960	.033415 .034140 .034813 .035426 .035974	.031836 .032490 .033096 .033647 .034138	.030362 .030953 .031499 .031996 .032437	.028983 .029519 .030013 .030462 .030860	.027693 .028180 .028628 .029034 .029394	.026484 .026927 .027334 .027703 .028029	.025350 .025754 .026125 .026460 .026757	.024285 .024654 .024993 .025298 .025568
- .5		.055285 .056250 .057023 .057587 .057930	.051808 .052647 .053317 .053806 .054103	.048647 .049380 .049964 .050389 .050647	.045764 .046407 .046919 .047291 .047516	.043128 .043695 .044145 .044472 .044670	.040712 .041214 .041612 .041900 .042075	.038493 .038938 .039291 .039547 .039702	.036449 .036846 .037160 .037388 .037526	.034563 .034918 .035199 .035402 .035525	.032820 .033138 .033390 .033572 .033682	.031204 .031491 .031717 .031881 .031979	.029705 .029964 .030168 .030315 .030404	.028311 .028545 .028729 .028862 .028943	.027012 .027225 .027392 .027512 .027585	.025801 .025994 .026146 .026255 .026321

		$H_T(r,z)$															
r	z	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	
-	5.0	.007284 .007530 .007785 .008050 .008324	.007232 .007472 .007720 .007977 .008242	.007176 .007409 .007651 .007900 .008158	.007117 .007344 .007578 .007820 .008070	.007056 .007276 .007503 .007738 .007980	.006991 .007205 .007426 .007653 .007887	.006924 .007132 .007346 .007566 .007793	.006855 .007057 .007264 .007477 .007697	.006785 .006980 .007181 .007387 .007599	.006712 .006902 .007096 .007296 .007501	.006638 .006822 .007011 .007204 .007402	.006563 .006742 .006924 .007111 .007302	.006488 .006660 .006837 .007018 .007203	.006411 .006578 .006749 .006924 .007102	.006334 .006495 .006661 .006830 .007002	
-	4.5	.008608 .008901 .009205 .009519 .009843	.008517 .008801 .009095 .009398 .009711	.008424 .008699 .008982 .009275 .009576	.008327 .008593 .008867 .009149 .009439	.008229 .008485 .008750 .009022 .009301	.008128 .008376 .008631 .008893 .009162	.008026 .008265 .008511 .008763 .009022	.007922 .008153 .008390 .008633 .008882	.007817 .008040 .008269 .008503 .008743	.007711 .007926 .008147 .008372 .008603	.007605 .007813 .008025 .008242 .008464	.007498 .007699 .007903 .008112 .008325	.007392 .007585 .007782 .007983 .008188	.007285 .007471 .007661 .007855 .008052	.007179 .007358 .007541 .007727 .007917	
-	4.0	.010178 .010524 .010881 .011249 .011627	.010033 .010366 .010708 .011061 .011423	.009886 .010206 .010535 .010872 .011219	.009738 .010045 .010360 .010684 .011016	.009588 .009883 .010186 .010496 .010813	.009438 .009721 .010012 .010309 .010612	.009288 .009560 .009838 .010122 .010413	.009138 .009399 .009665 .009938 .010216	.008988 .009238 .009494 .009755 .010021	.008838 .009079 .009324 .009574 .009828	.008690 .008921 .009156 .009395 .009638	.008543 .008764 .008990 .009219 .009451	.008397 .008609 .008825 .009045 .009267	.008252 .008456 .008663 .008874 .009086	.008110 .008305 .008504 .008705 .008909	
-	3.5	.012016 .012417 .012827 .013248 .013679	.011795 .012177 .012569 .012969 .013379	.011575 .011939 .012312 .012693 .013082	.011356 .011703 .012059 .012421 .012791	.011138 .011470 .011808 .012153 .012505	.010923 .011239 .011562 .011890 .012224	.010709 .011011 .011319 .011631 .011948	.010499 .010787 .011080 .011377 .011678	.010291 .010566 .010845 .011128 .011415	.010086 .010349 .010615 .010884 .011157	.009885 .010136 .010389 .010646 .010905	.009687 .009926 .010168 .010412 .010659	.009493 .009721 .009951 .010184 .010419	.009302 .009520 .009740 .009961 .010185	.009115 .009323 .009533 .009744 .009956	
-	3.0	.014120 .014569 .015028 .015494 .015966	.013796 .014222 .014655 .015095 .015541	.013479 .013882 .014291 .014707 .015126	.013167 .013549 .013936 .014328 .014724	.012861 .013223 .013589 .013960 .014333	.012562 .012905 .013251 .013601 .013954	.012269 .012594 .012922 .013253 .013585	.011983 .012291 .012602 .012915 .013228	.011704 .011996 .012290 .012586 .012883	.011432 .011709 .011987 .012267 .012547	.011166 .011429 .011693 .011958 .012223	.010907 .011156 .011407 .011658 .011908	.010655 .010891 .011129 .011367 .011604	.010409 .010634 .010859 .011085 .011309	.010170 .010384 .010597 .010811 .011024	
-	2.5	.016445 .016929 .017417 .017906 .018397	.015991 .016445 .016902 .017361 .017819	.015550 .015977 .016406 .016835 .017263	.015123 .015524 .015926 .016328 .016729	.014709 .015086 .015463 .015840 .016215	.014307 .014662 .015017 .015370 .015722	.013919 .014253 .014586 .014918 .015248	.013543 .013858 .014171 .014483 .014792	.013179 .013476 .013771 .014064 .014354	.012828 .013107 .013385 .013661 .013933	.012487 .012751 .013013 .013272 .013529	.012158 .012407 .012654 .012899 .013140	.011840 .012075 .012308 .012539 .012766	.011533 .011755 .011975 .012192 .012406	.011236 .011446 .011653 .011858 .012060	
-	2.0	.018887 .019374 .019856 .020332 .020799	.018276 .018729 .019177 .019619 .020052	.017689 .018112 .018529 .018939 .019340	.017127 .017521 .017909 .018291 .018663	.016587 .016955 .017317 .017672 .018019	.016070 .016414 .016751 .017082 .017404	.015574 .015895 .016210 .016519 .016819	.015097 .015398 .015693 .015981 .016261	.014640 .014922 .015198 .015467 .015728	.014202 .014466 .014724 .014976 .015220	.013781 .014029 .014271 .014506 .014735	.013377 .013610 .013837 .014057 .014271	.012989 .013207 .013421 .013628 .013828	.012616 .012822 .013022 .013216 .013404	.012258 .012451 .012640 .012822 .012999	
-	1.5	.021255 .021698 .022125 .022533 .022920	.020473 .020882 .021275 .021651 .022007	.019731 .020109 .020472 .020819 .021146	.019025 .019375 .019711 .020031 .020334	.018355 .018679 .018990 .019286 .019565	.017717 .018018 .018306 .018580 .018839	.017110 .017389 .017657 .017911 .018151	.016531 .016792 .017041 .017277 .017499	.015981 .016223 .016455 .016674 .016881	.015456 .015682 .015897 .016102 .016294	.014955 .015166 .015367 .015558 .015736	.014477 .014674 .014862 .015040 .015207	.014021 .014205 .014381 .014547 .014703	.013585 .013758 .013922 .014077 .014223	.013168 .013330 .013484 .013630 .013766	
-	1.0	.023284 .023622 .023931 .024210 .024457	.022341 .022651 .022935 .023191 .023416	.021454 .021739 .021999 .022233 .022440	.020617 .020879 .021118 .021334 .021524	.019827 .020068 .020289 .020487 .020662	.019080 .019303 .019507 .019690 .019850	.018374 .018581 .018769 .018937 .019086	.017706 .017897 .018071 .018227 .018364	.017073 .017250 .017412 .017556 .017683	.016473 .016637 .016787 .016921 .017039	.015903 .016056 .016195 .016320 .016429	.015362 .015504 .015634 .015750 .015851	.014847 .014980 .015101 .015209 .015303	.014358 .014482 .014594 .014695 .014783	.013892 .014008 .014113 .014207 .014289	
-	.5	.024669 .024845 .024983 .025083 .025143	.023610 .023771 .023897 .023988 .024043	.022618 .022765 .022880 .022963 .023013	.021686 .021821 .021927 .022003 .022049	.020811 .020935 .021032 .021102 .021145	.019988 .020102 .020192 .020256 .020295	.019213 .019318 .019400 .019460 .019495	.018482 .018579 .018655 .018710 .018743	.017792 .017881 .017952 .018002 .018033	.017139 .017223 .017288 .017335 .017363	.016522 .016599 .016660 .016703 .016729	.015938 .016010 .016066 .016106 .016130	.015384 .015451 .015496 .015540 .015563	.014858 .014921 .014969 .015004 .015025	.014359 .014417 .014463 .014495 .014515

		$H_r(r, z)$														
z	r	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
5.0	-	.006256	.006178	.006099	.006021	.005943	.005864	.005787	.005709	.005632	.005555	.005479	.005403	.005328	.005254	.005180
		.006412	.006329	.006246	.006163	.006080	.005998	.005915	.005833	.005752	.005672	.005592	.005512	.005434	.005356	.005279
		.006573	.006484	.006396	.006308	.006220	.006133	.006046	.005960	.005875	.005790	.005706	.005623	.005541	.005459	.005379
		.006736	.006642	.006549	.006455	.006363	.006271	.006179	.006089	.005999	.005910	.005822	.005735	.005649	.005564	.005480
		.006903	.006803	.006704	.006605	.006508	.006411	.006314	.006219	.006125	.006031	.005939	.005848	.005758	.005670	.005582
4.5	-	.007072	.006967	.006862	.006758	.006655	.006553	.006451	.006351	.006252	.006154	.006058	.005963	.005869	.005776	.005685
		.007246	.007134	.007023	.006913	.006804	.006697	.006590	.006485	.006381	.006279	.006178	.006078	.005980	.005884	.005789
		.007422	.007304	.007187	.007071	.006956	.006843	.006731	.006621	.006512	.006405	.006299	.006195	.006093	.005993	.005894
		.007601	.007476	.007353	.007230	.007110	.006991	.006873	.006758	.006644	.006532	.006422	.006313	.006207	.006102	.005999
		.007783	.007651	.007521	.007392	.007266	.007141	.007018	.006896	.006777	.006660	.006545	.006432	.006321	.006212	.006105
4.0	-	.007968	.007829	.007692	.007557	.007423	.007292	.007163	.007036	.006912	.006790	.006669	.006552	.006436	.006323	.006212
		.008156	.008009	.007865	.007723	.007583	.007445	.007310	.007178	.007047	.006920	.006795	.006672	.006552	.006434	.006318
		.008347	.008192	.008040	.007890	.007744	.007600	.007458	.007320	.007184	.007051	.006921	.006793	.006668	.006545	.006426
		.008539	.008377	.008217	.008060	.007906	.007755	.007608	.007463	.007321	.007183	.007047	.006914	.006784	.006657	.006533
		.008734	.008563	.008395	.008231	.008070	.007912	.007758	.007607	.007459	.007315	.007174	.007036	.006901	.006769	.006641
3.5	-	.008931	.008752	.008576	.008403	.008235	.008070	.007909	.007752	.007598	.007448	.007301	.007158	.007018	.006881	.006748
		.009130	.008941	.008757	.008577	.008401	.008229	.008061	.007897	.007737	.007581	.007428	.007280	.007135	.006993	.006855
		.009330	.009132	.008939	.008751	.008567	.008388	.008213	.008042	.007876	.007713	.007555	.007401	.007251	.007105	.006962
		.009532	.009325	.009123	.008926	.008734	.008547	.008365	.008187	.008015	.007846	.007682	.007523	.007367	.007216	.007069
		.009734	.009517	.009306	.009101	.008901	.008706	.008517	.008332	.008153	.007979	.007809	.007644	.007483	.007327	.007175
3.0	-	.009937	.009711	.009490	.009276	.009068	.008865	.008669	.008477	.008291	.008110	.007935	.007764	.007598	.007437	.007280
		.010140	.009904	.009674	.009451	.009234	.009024	.008820	.008621	.008429	.008242	.008060	.007883	.007712	.007546	.007384
		.010343	.010097	.009858	.009626	.009400	.009182	.008970	.008764	.008565	.008372	.008184	.008002	.007825	.007653	.007487
		.010546	.010289	.010040	.009799	.009565	.009339	.009119	.008907	.008700	.008500	.008307	.008119	.007937	.007760	.007589
		.010748	.010481	.010222	.009971	.009729	.009494	.009267	.009047	.008834	.008628	.008428	.008234	.008047	.007865	.007689
2.5	-	.010948	.010670	.010402	.010142	.009891	.009648	.009413	.009186	.008966	.008753	.008547	.008348	.008155	.007968	.007787
		.011147	.010859	.010580	.010311	.010051	.009800	.009557	.009323	.009096	.008877	.008665	.008460	.008262	.008070	.007884
		.011343	.011044	.010756	.010477	.010209	.009949	.009699	.009457	.009224	.008998	.008780	.008570	.008366	.008169	.007979
		.011537	.011227	.010929	.010641	.010364	.010096	.009838	.009589	.009349	.009117	.008893	.008677	.008468	.008267	.008071
		.011727	.011407	.011098	.010802	.010515	.010240	.009974	.009718	.009472	.009233	.009004	.008782	.008568	.008361	.008162
2.0	-	.011914	.011583	.011265	.010958	.010664	.010380	.010107	.009844	.009591	.009346	.009111	.008884	.008665	.008453	.008249
		.012096	.011755	.011427	.011111	.010808	.010517	.010236	.009966	.009707	.009456	.009215	.008983	.008759	.008542	.008334
		.012273	.011921	.011584	.011260	.010948	.010649	.010361	.010085	.009819	.009562	.009316	.009078	.008849	.008628	.008416
		.012445	.012083	.011736	.011403	.011084	.010777	.010482	.010199	.009927	.009665	.009413	.009170	.008936	.008711	.008494
		.012611	.012239	.011883	.011541	.011214	.010900	.010598	.010309	.010030	.009763	.009506	.009258	.009020	.008790	.008570
1.5	-	.012770	.012389	.012024	.011674	.011339	.011018	.010709	.010414	.010130	.009857	.009594	.009342	.009100	.008866	.008641
		.012922	.012531	.012158	.011800	.011458	.011130	.010815	.010513	.010224	.009946	.009679	.009422	.009175	.008938	.008709
		.013066	.012667	.012285	.011920	.011570	.011236	.010915	.010608	.010313	.010030	.009758	.009497	.009247	.009005	.008773
		.013202	.012795	.012405	.012033	.011676	.011336	.011009	.010696	.010397	.010109	.009833	.009568	.009314	.009069	.008834
		.013330	.012914	.012517	.012138	.011775	.011429	.011097	.010779	.010475	.010183	.009903	.009634	.009376	.009128	.008890
1.0	-	.013448	.013025	.012621	.012235	.011867	.011515	.011178	.010856	.010547	.010251	.009967	.009695	.009433	.009182	.008941
		.013556	.013126	.012716	.012325	.011951	.011594	.011252	.010926	.010613	.010313	.010026	.009750	.009486	.009232	.008988
		.013655	.013218	.012802	.012406	.012027	.011665	.011319	.010989	.010672	.010369	.010079	.009800	.009533	.009277	.009031
		.013743	.013300	.012879	.012478	.012095	.011729	.011379	.011045	.010725	.010419	.010126	.009845	.009576	.009317	.009069
		.013819	.013372	.012947	.012541	.012154	.011785	.011432	.011094	.010772	.010463	.010167	.009884	.009612	.009352	.009102
.5	-	.013885	.013434	.013004	.012595	.012204	.011832	.011476	.011136	.010811	.010500	.010203	.009917	.009644	.009381	.009130
		.013939	.013484	.013051	.012639	.012246	.011871	.011513	.011171	.010844	.010531	.010231	.009945	.009670	.009406	.009153
		.013981	.013524	.013088	.012674	.012279	.011901	.011542	.011198	.010869	.010555	.010254	.009966	.009690	.009425	.009171
		.014012	.013552	.013115	.012699	.012302	.011923	.011562	.011217	.010887	.010572	.010270	.009981	.009704	.009438	.009184
		.014030	.013569	.013131	.012714	.012316	.011937	.011575	.011229	.010898	.010582	.010280	.009990	.009713	.009447	.009191

$H_r(r, z)$

r	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
z															
- 5.0	.005107 .005203 .005300 .005397 .005496	.005035 .005128 .005221 .005316 .005411	.004964 .005054 .005144 .005235 .005327	.004894 .004980 .005068 .005156 .005245	.004824 .004908 .004993 .005078 .005164	.004756 .004837 .004919 .005001 .005084	.004688 .004767 .004846 .004926 .005006	.004621 .004697 .004774 .004851 .004929	.004555 .004629 .004703 .004778 .004853	.004491 .004562 .004634 .004706 .004778	.004427 .004496 .004565 .004635 .004705	.004363 .004430 .004498 .004565 .004633	.004301 .004366 .004431 .004497 .004562	.004240 .004303 .004366 .004429 .004493	.004180 .004241 .004302 .004363 .004424
- 4.5	.005595 .005696 .005796 .005898 .006000	.005507 .005604 .005701 .005799 .005897	.005420 .005513 .005607 .005701 .005796	.005335 .005425 .005515 .005606 .005697	.005250 .005337 .005425 .005512 .005600	.005168 .005252 .005336 .005420 .005505	.005086 .005167 .005252 .005330 .005412	.005007 .005085 .005163 .005242 .005321	.004928 .005004 .005079 .005155 .005231	.004851 .004924 .004997 .005070 .005144	.004775 .004846 .004916 .004987 .005058	.004701 .004769 .004837 .004905 .004974	.004628 .004694 .004760 .004826 .004891	.004556 .004620 .004684 .004747 .004811	.004486 .004547 .004609 .004670 .004732
- 4.0	.006103 .006205 .006308 .006412 .006515	.005996 .006095 .006194 .006293 .006392	.005891 .005986 .006082 .006177 .006272	.005789 .005880 .005972 .006064 .006155	.005688 .005776 .005865 .005953 .006041	.005590 .005675 .005760 .005845 .005929	.005494 .005575 .005657 .005739 .005820	.005399 .005478 .005557 .005635 .005713	.005307 .005383 .005459 .005534 .005609	.005217 .005290 .005363 .005436 .005508	.005128 .005199 .005269 .005339 .005409	.005042 .005110 .005177 .005245 .005312	.004957 .005023 .005088 .005153 .005217	.004874 .004937 .005000 .005063 .005125	.004793 .004854 .004915 .004975 .005035
- 3.5	.006618 .006721 .006823 .006925 .007027	.006491 .006590 .006688 .006786 .006883	.006367 .006462 .006556 .006650 .006743	.006246 .006337 .006428 .006517 .006606	.006128 .006216 .006302 .006388 .006474	.006013 .006097 .006180 .006263 .006345	.005901 .005981 .006061 .006141 .006219	.005791 .005869 .005945 .006021 .006097	.005684 .005759 .005832 .005905 .005978	.005580 .005651 .005722 .005792 .005862	.005478 .005547 .005615 .005682 .005749	.005379 .005445 .005510 .005575 .005639	.005282 .005345 .005408 .005471 .005532	.005187 .005248 .005309 .005369 .005428	.005094 .005153 .005212 .005269 .005326
- 3.0	.007127 .007227 .007325 .007422 .007518	.006979 .007074 .007168 .007261 .007353	.006835 .006926 .007016 .007105 .007192	.006695 .006782 .006868 .006953 .007036	.006558 .006642 .006724 .006805 .006885	.006426 .006506 .006585 .006662 .006739	.006297 .006373 .006449 .006523 .006596	.006171 .006245 .006317 .006389 .006458	.006049 .006120 .006189 .006257 .006324	.005930 .005998 .006065 .006130 .006194	.005815 .005880 .005944 .006006 .006068	.005702 .005765 .005826 .005886 .005945	.005593 .005653 .005712 .005769 .005826	.005486 .005544 .005600 .005656 .005710	.005382 .005438 .005492 .005545 .005597
- 2.5	.007612 .007704 .007795 .007883 .007969	.007442 .007530 .007616 .007700 .007782	.007278 .007362 .007444 .007524 .007602	.007118 .007198 .007277 .007353 .007428	.006964 .007040 .007115 .007188 .007259	.006814 .006887 .006958 .007028 .007096	.006668 .006738 .006807 .006873 .006938	.006527 .006594 .006659 .006723 .006785	.006390 .006454 .006517 .006578 .006637	.006257 .006319 .006378 .006437 .006493	.006128 .006187 .006244 .006300 .006354	.006003 .006059 .006114 .006168 .006219	.005881 .005935 .005988 .006039 .006089	.005763 .005815 .005865 .005914 .005962	.005648 .005698 .005746 .005793 .005839
- 2.0	.008052 .008133 .008210 .008285 .008357	.007862 .007938 .008012 .008083 .008151	.007677 .007751 .007821 .007889 .007953	.007500 .007569 .007636 .007701 .007762	.007328 .007394 .007458 .007519 .007578	.007161 .007225 .007286 .007344 .007400	.007000 .007061 .007119 .007175 .007228	.006845 .006902 .006958 .007011 .007062	.006694 .006749 .006802 .006853 .006901	.006548 .006600 .006651 .006700 .006746	.006406 .006457 .006505 .006551 .006596	.006269 .006317 .006364 .006408 .006450	.006136 .006183 .006227 .006269 .006310	.006008 .006052 .006094 .006135 .006174	.005883 .005925 .005966 .006005 .006042
- 1.5	.008425 .008489 .008550 .008607 .008660	.008216 .008277 .008335 .008389 .008440	.008015 .008073 .008128 .008180 .008227	.007821 .007876 .007929 .007977 .008023	.007634 .007686 .007736 .007783 .007826	.007453 .007503 .007551 .007595 .007636	.007279 .007326 .007372 .007414 .007453	.007110 .007156 .007199 .007239 .007276	.006947 .006991 .007032 .007070 .007106	.006790 .006831 .006871 .006907 .006941	.006638 .006677 .006715 .006750 .006782	.006491 .006528 .006564 .006597 .006628	.006348 .006384 .006418 .006450 .006480	.006210 .006245 .006278 .006308 .006336	.006077 .006110 .006141 .006170 .006197
- 1.0	.008709 .008754 .008794 .008830 .008861	.008486 .008529 .008567 .008601 .008630	.008272 .008312 .008348 .008380 .008408	.008065 .008103 .008137 .008168 .008195	.007866 .007902 .007935 .007964 .007989	.007674 .007708 .007740 .007767 .007791	.007489 .007522 .007551 .007578 .007601	.007311 .007342 .007370 .007395 .007417	.007138 .007168 .007195 .007219 .007240	.006972 .007001 .007026 .007049 .007069	.006812 .006839 .006863 .006885 .006904	.006657 .006683 .006706 .006727 .006745	.006507 .006532 .006554 .006574 .006591	.006362 .006386 .006407 .006426 .006442	.006222 .006245 .006265 .006283 .006299
.5	.008888 .008910 .008927 .008939 .008946	.008656 .008676 .008692 .008704 .008711	.008432 .008452 .008467 .008478 .008485	.008217 .008236 .008251 .008261 .008267	.008011 .008029 .008042 .008052 .008058	.007812 .007829 .007842 .007851 .007857	.007620 .007636 .007649 .007658 .007663	.007435 .007451 .007463 .007471 .007476	.007257 .007272 .007283 .007291 .007296	.007086 .007099 .007110 .007118 .007123	.006920 .006933 .006943 .006951 .006955	.006760 .006773 .006782 .006789 .006794	.006605 .006617 .006627 .006634 .006638	.006456 .006468 .006477 .006483 .006487	.006312 .006323 .006331 .006338 .006341

		$H_r(r, z)$														
r	z	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
- 5.0		.004121	.004062	.004005	.003948	.003893	.003838	.003784	.003731	.003679	.003628	.003578	.003528	.003480	.003432	.003385
		.004180	.004119	.004060	.004002	.003945	.003888	.003833	.003779	.003725	.003673	.003621	.003570	.003520	.003471	.003423
		.004239	.004177	.004116	.004056	.003997	.003939	.003882	.003826	.003771	.003717	.003664	.003612	.003561	.003511	.003461
		.004298	.004234	.004171	.004110	.004049	.003989	.003931	.003874	.003817	.003762	.003707	.003654	.003602	.003550	.003500
		.004357	.004292	.004227	.004163	.004101	.004040	.003980	.003921	.003863	.003806	.003751	.003696	.003642	.003589	.003538
- 4.5		.004417	.004349	.004283	.004217	.004153	.004090	.004029	.003968	.003909	.003851	.003794	.003738	.003683	.003629	.003576
		.004476	.004407	.004338	.004271	.004205	.004141	.004078	.004015	.003955	.003895	.003836	.003779	.003723	.003668	.003614
		.004536	.004464	.004394	.004325	.004257	.004191	.004126	.004063	.004000	.003939	.003879	.003821	.003763	.003707	.003651
		.004595	.004521	.004449	.004378	.004309	.004241	.004175	.004109	.004046	.003983	.003922	.003862	.003803	.003745	.003689
		.004654	.004579	.004505	.004432	.004361	.004291	.004223	.004156	.004091	.004027	.003964	.003903	.003842	.003784	.003726
- 4.0		.004713	.004636	.004560	.004485	.004412	.004341	.004271	.004203	.004136	.004070	.004006	.003943	.003882	.003822	.003763
		.004772	.004693	.004614	.004538	.004463	.004390	.004319	.004249	.004180	.004113	.004048	.003984	.003921	.003859	.003799
		.004831	.004749	.004669	.004591	.004514	.004439	.004366	.004295	.004225	.004156	.004089	.004024	.003959	.003897	.003835
		.004889	.004805	.004723	.004643	.004565	.004488	.004413	.004340	.004268	.004198	.004130	.004063	.003998	.003934	.003871
		.004947	.004861	.004777	.004695	.004615	.004536	.004460	.004385	.004312	.004240	.004171	.004102	.004036	.003970	.003907
- 3.5		.005004	.004916	.004830	.004746	.004664	.004584	.004506	.004429	.004355	.004282	.004211	.004141	.004073	.004007	.003942
		.005061	.004971	.004883	.004797	.004713	.004631	.004551	.004473	.004397	.004323	.004250	.004179	.004110	.004042	.003976
		.005117	.005025	.004935	.004847	.004761	.004678	.004596	.004517	.004439	.004363	.004289	.004217	.004146	.004077	.004010
		.005173	.005078	.004986	.004897	.004809	.004724	.004641	.004560	.004480	.004403	.004328	.004254	.004182	.004112	.004043
		.005227	.005131	.005037	.004946	.004856	.004769	.004684	.004602	.004521	.004442	.004365	.004291	.004217	.004146	.004076
- 3.0		.005281	.005183	.005087	.004994	.004903	.004814	.004727	.004643	.004561	.004481	.004403	.004326	.004252	.004179	.004109
		.005335	.005234	.005136	.005041	.004948	.004858	.004770	.004684	.004600	.004519	.004439	.004361	.004286	.004212	.004140
		.005387	.005284	.005184	.005087	.004993	.004901	.004811	.004724	.004638	.004556	.004475	.004396	.004319	.004244	.004171
		.005438	.005333	.005232	.005133	.005036	.004943	.004851	.004763	.004676	.004592	.004510	.004429	.004351	.004275	.004201
		.005488	.005381	.005278	.005177	.005079	.004984	.004891	.004801	.004713	.004627	.004544	.004462	.004383	.004306	.004231
- 2.5		.005537	.005428	.005323	.005221	.005121	.005024	.004930	.004838	.004748	.004661	.004577	.004494	.004414	.004336	.004259
		.005585	.005474	.005367	.005263	.005162	.005063	.004967	.004874	.004783	.004695	.004609	.004525	.004444	.004365	.004287
		.005631	.005519	.005410	.005304	.005201	.005101	.005004	.004909	.004817	.004727	.004640	.004556	.004473	.004393	.004314
		.005676	.005562	.005451	.005344	.005239	.005138	.005039	.004943	.004850	.004759	.004671	.004585	.004501	.004420	.004340
		.005720	.005604	.005491	.005382	.005276	.005173	.005073	.004976	.004881	.004789	.004700	.004613	.004528	.004446	.004366
- 2.0		.005762	.005644	.005530	.005419	.005312	.005208	.005106	.005008	.004912	.004819	.004728	.004640	.004554	.004471	.004390
		.005802	.005683	.005567	.005455	.005346	.005241	.005138	.005038	.004941	.004847	.004755	.004666	.004579	.004495	.004413
		.005841	.005720	.005603	.005490	.005379	.005272	.005168	.005067	.004969	.004874	.004781	.004691	.004603	.004518	.004435
		.005878	.005756	.005637	.005522	.005411	.005302	.005197	.005095	.004996	.004900	.004806	.004715	.004626	.004540	.004457
		.005914	.005790	.005670	.005554	.005441	.005331	.005225	.005122	.005021	.004924	.004829	.004738	.004648	.004561	.004477
- 1.5		.005947	.005822	.005701	.005583	.005469	.005358	.005251	.005147	.005045	.004947	.004852	.004759	.004669	.004581	.004496
		.005979	.005853	.005730	.005611	.005496	.005384	.005276	.005170	.005068	.004969	.004873	.004779	.004688	.004600	.004514
		.006009	.005881	.005757	.005637	.005521	.005408	.005299	.005193	.005090	.004990	.004892	.004798	.004706	.004617	.004531
		.006037	.005908	.005783	.005662	.005544	.005431	.005320	.005213	.005109	.005009	.004911	.004816	.004723	.004634	.004547
		.006063	.005933	.005807	.005684	.005566	.005452	.005340	.005232	.005128	.005026	.004928	.004832	.004739	.004649	.004561
- 1.0		.006086	.005955	.005828	.005705	.005586	.005471	.005359	.005250	.005145	.005043	.004943	.004847	.004754	.004663	.004574
		.006108	.005976	.005848	.005724	.005604	.005488	.005375	.005266	.005160	.005057	.004958	.004861	.004767	.004675	.004587
		.006128	.005995	.005866	.005741	.005621	.005504	.005390	.005281	.005174	.005071	.004970	.004873	.004778	.004687	.004597
		.006145	.006011	.005882	.005756	.005635	.005518	.005404	.005293	.005186	.005082	.004982	.004884	.004789	.004697	.004607
		.006160	.006025	.005895	.005770	.005648	.005530	.005415	.005304	.005197	.005093	.004991	.004893	.004798	.004705	.004616
- .5		.006173	.006038	.005907	.005781	.005658	.005540	.005425	.005314	.005206	.005101	.005000	.004901	.004806	.004713	.004623
		.006183	.006048	.005917	.005790	.005667	.005548	.005433	.005322	.005213	.005108	.005007	.004908	.004812	.004719	.004628
		.006191	.006055	.005924	.005797	.005674	.005555	.005439	.005328	.005219	.005114	.005012	.004913	.004817	.004724	.004633
		.006197	.006061	.005929	.005802	.005679	.005560	.005444	.005332	.005223	.005118	.005016	.004917	.004820	.004727	.004636
		.006200	.006064	.005933	.005805	.005682	.005562	.005447	.005335	.005226	.005120	.005018	.004919	.004823	.004729	.004638

$H_r(r, z)$

r	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
z															
.0	.000000	.050189	.101539	.155367	.213360	.277933	.352974	.445664	.572124	.784352	∞	.739518	.523483	.406042	.329342
	.000000	.049434	.099941	.152723	.209274	.271639	.342872	.427871	.534642	.670371	.760637	.636091	.492368	.392354	.322009
	.000000	.047281	.095401	.145260	.197882	.254458	.316307	.384409	.457216	.522672	.545578	.501661	.427746	.358670	.302551
	.000000	.044026	.088583	.134196	.181347	.230372	.281166	.332449	.380125	.415027	.424286	.403141	.362751	.317831	.276354
	.000000	.040060	.080350	.121045	.162188	.203538	.244294	.282626	.315093	.336580	.342146	.330826	.307171	.277911	.248180
.5	.000000	.035777	.071537	.107198	.142521	.176991	.209641	.238862	.262326	.277329	.281828	.275750	.261338	.242011	.220884
	.000000	.031497	.062810	.093694	.123771	.152454	.178861	.201778	.219725	.231259	.235482	.232533	.223663	.210774	.195783
	.000000	.027446	.054613	.081175	.106712	.130668	.152322	.170804	.185184	.194666	.198838	.197870	.192520	.183926	.173306
	.000000	.023755	.047191	.069960	.091653	.111786	.129793	.145060	.156994	.165137	.169293	.169614	.166586	.160932	.153450
	.000000	.020480	.040640	.060141	.078614	.095652	.110819	.123675	.133833	.141017	.145130	.146294	.144835	.141231	.136024
1.0	.000000	.017628	.034955	.051673	.067459	.081977	.094891	.105882	.114684	.121124	.125152	.126860	.126474	.124320	.120776
	.000000	.015174	.030078	.044439	.057983	.070435	.081531	.091035	.098760	.104587	.108489	.110536	.110885	.109765	.107445
	.000000	.013079	.025923	.038295	.049964	.060707	.070314	.078606	.085445	.090746	.094493	.096733	.097582	.097201	.095786
	.000000	.011299	.022396	.033090	.043188	.052506	.060878	.068163	.074256	.079094	.082662	.084997	.086178	.086324	.085578
	.000000	.009789	.019407	.028685	.037460	.045583	.052918	.059354	.064809	.069231	.072609	.074967	.076361	.076880	.076627
1.5	.000000	.008510	.016875	.024954	.032612	.039725	.046183	.051896	.056796	.060843	.064025	.066356	.067879	.068656	.068766
	.000000	.007423	.014726	.021788	.028498	.034754	.040464	.045555	.049971	.053677	.056662	.058934	.060522	.061475	.061849
	.000000	.006500	.012898	.019096	.024999	.030522	.035591	.040143	.044132	.047529	.050320	.052511	.054122	.055187	.055751
	.000000	.005713	.011340	.016800	.022013	.026908	.031423	.035506	.039118	.042232	.044836	.046933	.048534	.049667	.050364
	.000000	.005040	.010008	.014835	.019456	.023810	.027846	.031518	.034795	.037652	.040078	.042072	.043642	.044808	.045595
2.0	.000000	.004462	.008864	.013148	.017258	.021145	.024763	.028075	.031053	.033677	.035934	.037822	.039347	.040521	.041365
	.000000	.003965	.007880	.011695	.015363	.018843	.022097	.025092	.027804	.030214	.032312	.034094	.035563	.036729	.037605
	.000000	.003536	.007029	.010438	.013723	.016849	.019783	.022497	.024971	.027188	.029138	.030815	.032223	.033366	.034256
	.000000	.003163	.006291	.009347	.012298	.015114	.017767	.020233	.022494	.024535	.026346	.027923	.029265	.030378	.031267
	.000000	.002840	.005649	.008397	.011056	.013600	.016005	.018250	.020320	.022201	.023883	.025364	.026640	.027715	.028595
2.5	.000000	.002557	.005088	.007567	.009970	.012274	.014460	.016509	.018406	.020141	.021705	.023093	.024304	.025338	.026200
	.000000	.002309	.004596	.006839	.009016	.011109	.013100	.014973	.016716	.018319	.019773	.021074	.022220	.023211	.024050
	.000000	.002092	.004164	.006198	.008177	.010082	.011900	.013616	.015220	.016701	.018054	.019273	.020356	.021303	.022116
	.000000	.001900	.003783	.005633	.007435	.009174	.010837	.012413	.013890	.015262	.016521	.017663	.018686	.019589	.020373
	.000000	.001730	.003445	.005132	.006778	.008369	.009894	.011343	.012707	.013978	.015151	.016221	.017186	.018045	.018799
3.0	.000000	.001579	.003146	.004688	.006194	.007652	.009054	.010389	.011649	.012829	.013922	.014925	.015836	.016652	.017375
	.000000	.001445	.002879	.004292	.005673	.007013	.008303	.009536	.010702	.011798	.012819	.013759	.014618	.015393	.016085
	.000000	.001325	.002641	.003938	.005208	.006442	.007632	.008771	.009853	.010872	.011825	.012707	.013517	.014252	.014913
	.000000	.001218	.002428	.003622	.004791	.005929	.007029	.008084	.009088	.010038	.010928	.011756	.012520	.013217	.013848
	.000000	.001122	.002237	.003337	.004417	.005468	.006486	.007465	.008399	.009284	.010117	.010895	.011615	.012276	.012878
3.5	.000000	.001036	.002065	.003082	.004080	.005053	.005997	.006906	.007775	.008602	.009382	.010113	.010792	.011419	.011992
	.000000	.000958	.001910	.002851	.003775	.004678	.005554	.006400	.007211	.007983	.008714	.009402	.010043	.010637	.011183
	.000000	.000887	.001769	.002642	.003500	.004338	.005154	.005942	.006698	.007421	.008107	.008754	.009359	.009923	.010442
	.000000	.000823	.001642	.002453	.003250	.004030	.004790	.005525	.006232	.006909	.007554	.008162	.008735	.009269	.009763
	.000000	.000765	.001527	.002281	.003023	.003750	.004459	.005146	.005808	.006443	.007048	.007622	.008163	.008669	.009140
4.0	.000000	.000713	.001422	.002124	.002816	.003495	.004157	.004799	.005420	.006016	.006585	.007127	.007638	.008118	.008567
	.000000	.000665	.001326	.001982	.002628	.003262	.003881	.004483	.005065	.005625	.006162	.006672	.007156	.007612	.008039
	.000000	.000621	.001239	.001851	.002456	.003049	.003629	.004194	.004740	.005267	.005773	.006255	.006713	.007146	.007552
	.000000	.000581	.001159	.001732	.002298	.002854	.003398	.003928	.004442	.004938	.005415	.005871	.006305	.006716	.007103
	.000000	.000544	.001086	.001623	.002153	.002675	.003186	.003684	.004168	.004636	.005086	.005517	.005929	.006319	.006688
4.5	.000000	.000510	.001018	.001522	.002020	.002510	.002991	.003460	.003915	.004357	.004782	.005191	.005581	.005952	.006303
	.000000	.000479	.000956	.001430	.001898	.002359	.002811	.003253	.003683	.004099	.004502	.004889	.005259	.005612	.005947
	.000000	.000450	.000899	.001344	.001785	.002219	.002645	.003062	.003468	.003862	.004243	.004609	.004961	.005297	.005616
	.000000	.000424	.000846	.001266	.001681	.002090	.002492	.002885	.003269	.003642	.004002	.004350	.004685	.005004	.005309
	.000000	.000400	.000798	.001193	.001585	.001971	.002350	.002722	.003085	.003438	.003780	.004110	.004428	.004732	.005023

		$H_r(r,z)$														
z	r	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
.0		.274742	.233806	.202009	.176657	.156028	.138967	.124662	.112530	.102138	.093160	.085344	.078493	.072452	.067094	.062320
		.270324	.230929	.200028	.175236	.154975	.138165	.124039	.112037	.101742	.092838	.085078	.078272	.072266	.066937	.062186
		.258131	.222804	.194355	.171125	.151907	.135820	.122209	.110584	.100572	.091883	.084291	.077616	.071714	.066469	.061786
		.240672	.210715	.185694	.164738	.147081	.132094	.119282	.108248	.098682	.090335	.083009	.076545	.070812	.065703	.061131
		.220630	.196201	.174964	.156643	.140858	.127229	.115420	.105141	.096151	.088252	.081278	.075093	.069584	.064658	.060235
.5		.200050	.180626	.163062	.147435	.133641	.121500	.110817	.101402	.093083	.085709	.079153	.073303	.068065	.063359	.059119
		.180194	.164994	.150730	.137650	.125814	.115186	.105677	.097180	.089586	.082790	.076697	.071222	.066291	.061838	.057806
		.161717	.149946	.138513	.127719	.117711	.108538	.100189	.092620	.085772	.079579	.073977	.068904	.064304	.060125	.056323
		.144884	.135842	.126767	.117957	.109593	.101769	.094524	.087857	.081747	.076161	.071059	.066401	.062146	.058257	.054697
		.129743	.122848	.115704	.108578	.101654	.095047	.088820	.083005	.077606	.072612	.068007	.063764	.059859	.056265	.052956
1.0		.116224	.111011	.105431	.099714	.094029	.088496	.083191	.078161	.073428	.069001	.064875	.061040	.057482	.054184	.051127
		.104205	.100308	.095987	.091435	.086803	.082203	.077717	.073399	.069282	.065385	.061715	.058272	.055051	.052043	.049237
		.093543	.090674	.087363	.083769	.080023	.076227	.072459	.068777	.065219	.061810	.058567	.055495	.052596	.049869	.047307
		.084094	.082028	.079525	.076715	.073709	.070599	.067456	.064336	.061279	.058316	.055466	.052741	.050147	.047687	.045360
		.075722	.074282	.072424	.070254	.067864	.065334	.062729	.060102	.057492	.054931	.052440	.050034	.047725	.045518	.043415
1.5		.068300	.067349	.066005	.064354	.062475	.060435	.058291	.056092	.053877	.051674	.049508	.047396	.045350	.043378	.041486
		.061715	.061144	.060209	.058980	.057522	.055893	.054143	.052315	.050445	.048561	.046688	.044842	.043037	.041283	.039588
		.055866	.055590	.054980	.054092	.052981	.051696	.050280	.048771	.047202	.045600	.043987	.042382	.040797	.039244	.037731
		.050665	.050616	.050262	.049650	.048825	.047826	.046693	.045458	.044150	.042796	.041415	.040024	.038639	.037269	.035924
		.046033	.046158	.046006	.045616	.045024	.044264	.043369	.042368	.041287	.040149	.038972	.037774	.036568	.035365	.034175
2.0		.041901	.042158	.042165	.041952	.041550	.040989	.040294	.039493	.038607	.037657	.036661	.035634	.034589	.033537	.032487
		.038210	.038565	.038695	.038625	.038378	.037980	.037454	.036822	.036104	.035318	.034480	.033605	.032703	.031787	.030864
		.034906	.035335	.035559	.035601	.035480	.035217	.034832	.034344	.033770	.033126	.032426	.031684	.030911	.030116	.029309
		.031946	.032425	.032722	.032853	.032833	.032681	.032414	.032047	.031596	.031074	.030495	.029871	.029211	.028526	.027822
		.029287	.029802	.030153	.030352	.030414	.030353	.030184	.029919	.029572	.029157	.028683	.028162	.027603	.027014	.026404
2.5		.026896	.027434	.027824	.028076	.028203	.028216	.028127	.027948	.027691	.027366	.026984	.026553	.026083	.025581	.025054
		.024742	.025292	.025710	.026002	.026180	.026253	.026231	.026124	.025942	.025695	.025392	.025040	.024648	.024223	.023770
		.022797	.023353	.023788	.024111	.024328	.024449	.024482	.024435	.024318	.024137	.023902	.023619	.023296	.022938	.022553
		.021040	.021594	.022040	.022384	.022632	.022791	.022869	.022872	.022808	.022685	.022508	.022285	.022022	.021725	.021398
		.019448	.019997	.020448	.020806	.021077	.021266	.021380	.021424	.021406	.021331	.021204	.021033	.020823	.020579	.020305
3.0		.018005	.018544	.018995	.019362	.019650	.019862	.020005	.020083	.020103	.020068	.019986	.019860	.019696	.019498	.019271
		.016693	.017220	.017668	.018040	.018339	.018569	.018735	.018841	.018892	.018892	.018846	.018759	.018635	.018478	.018292
		.015500	.016013	.016455	.016827	.017134	.017377	.017561	.017689	.017766	.017796	.017781	.017728	.017639	.017517	.017368
		.014412	.014910	.015344	.015714	.016024	.016277	.016475	.016621	.016719	.016773	.016786	.016761	.016702	.016612	.016495
		.013419	.013901	.014325	.014691	.015003	.015261	.015469	.015630	.015745	.015819	.015855	.015854	.015822	.015759	.015670
3.5		.012512	.012977	.013390	.013750	.014061	.014323	.014538	.014709	.014839	.014930	.014984	.015005	.014994	.014956	.014892
		.011681	.012129	.012530	.012884	.013191	.013454	.013674	.013854	.013995	.014099	.014170	.014208	.014217	.014199	.014157
		.010918	.011351	.011739	.012084	.012388	.012650	.012873	.013059	.013208	.013324	.013407	.013461	.013487	.013487	.013463
		.010219	.010634	.011010	.011346	.011644	.011905	.012129	.012319	.012475	.012599	.012694	.012760	.012800	.012815	.012808
		.009575	.009974	.010337	.010664	.010956	.011214	.011438	.011630	.011791	.011922	.012025	.012102	.012154	.012183	.012190
4.0		.008983	.009366	.009716	.010034	.010319	.010572	.010795	.010988	.011152	.011289	.011399	.011485	.011547	.011587	.011607
		.008436	.008804	.009142	.009449	.009727	.009976	.010197	.010390	.010556	.010696	.010812	.010905	.010976	.011026	.011056
		.007932	.008285	.008610	.008907	.009178	.009422	.009639	.009831	.009998	.010142	.010262	.010360	.010438	.010496	.010536
		.007466	.007804	.008117	.008404	.008667	.008905	.009119	.009310	.009477	.009622	.009745	.009849	.009932	.009997	.010044
		.007034	.007358	.007659	.007937	.008192	.008424	.008634	.008822	.008989	.009135	.009261	.009367	.009455	.009526	.009580
4.5		.006634	.006945	.007234	.007502	.007750	.007976	.008181	.008366	.008532	.008678	.008805	.008914	.009006	.009082	.009142
		.006263	.006561	.006839	.007098	.007337	.007557	.007758	.007940	.008103	.008249	.008377	.008488	.008583	.008663	.008727
		.005919	.006204	.006471	.006721	.006952	.007166	.007362	.007540	.007702	.007846	.007975	.008087	.008184	.008267	.008335
		.005598	.005871	.006128	.006369	.006593	.006800	.006991	.007166	.007325	.007468	.007596	.007709	.007808	.007893	.007964
		.005300	.005562	.005808	.006040	.006257	.006458	.006644	.006815	.006971	.007112	.007239	.007352	.007452	.007539	.007613

		$H_r(r, z)$														
r	z	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
0	.0	.058045	.054202	.050734	.047592	.044737	.042134	.039754	.037572	.035566	.033719	.032012	.030434	.028970	.027609	.026343
		.057930	.054103	.050647	.047516	.044670	.042075	.039702	.037526	.035525	.033682	.031979	.030404	.028943	.027585	.026321
		.057587	.053806	.050389	.047291	.044472	.041900	.039547	.037388	.035402	.033572	.031881	.030315	.028862	.027512	.026255
		.057023	.053317	.049964	.046919	.044145	.041612	.039291	.037160	.035199	.033390	.031717	.030168	.028729	.027392	.026146
		.056250	.052647	.049380	.046407	.043695	.041214	.038938	.036846	.034918	.033138	.031491	.029964	.028545	.027225	.025994
.5	.5	.055285	.051808	.048647	.045764	.043128	.040712	.038493	.036449	.034563	.032820	.031204	.029705	.028311	.027012	.025801
		.054146	.050816	.047778	.045000	.042453	.040114	.037960	.035974	.034138	.032437	.030860	.029394	.028029	.026757	.025568
		.052855	.049687	.046787	.044126	.041680	.039427	.037348	.035426	.033647	.031996	.030462	.029034	.027703	.026460	.025298
		.051435	.048441	.045689	.043155	.040818	.038660	.036663	.034813	.033096	.031499	.030013	.028628	.027334	.026125	.024993
		.049907	.047095	.044500	.042100	.039880	.037823	.035914	.034140	.032490	.030953	.029519	.028180	.026927	.025754	.024654
1.0	1.0	.048295	.045670	.043235	.040976	.038877	.036925	.035108	.033415	.031836	.030362	.028983	.027693	.026484	.025350	.024285
		.046621	.044183	.041912	.039794	.037819	.035976	.034254	.032645	.031141	.029731	.028411	.027172	.026009	.024916	.023888
		.044905	.042653	.040544	.038568	.036718	.034985	.033361	.031838	.030409	.029067	.027806	.026621	.025506	.024456	.023466
		.043164	.041094	.039145	.037311	.035585	.033962	.032435	.030999	.029647	.028374	.027175	.026044	.024978	.023972	.023022
		.041417	.039522	.037728	.036032	.034429	.032915	.031485	.030135	.028861	.027657	.026520	.025445	.024429	.023468	.022559
1.5	1.5	.039676	.037950	.036306	.034743	.033260	.031853	.030519	.029254	.028057	.026922	.025847	.024828	.023863	.022947	.022079
		.037955	.036388	.034887	.033453	.032086	.030782	.029542	.028362	.027240	.026173	.025160	.024197	.023282	.022412	.021585
		.036264	.034847	.033482	.032171	.030914	.029711	.028561	.027462	.026415	.025415	.024463	.023555	.022690	.021866	.021081
		.034611	.033334	.032097	.030902	.029751	.028644	.027581	.026562	.025586	.024652	.023759	.022906	.022090	.021311	.020567
		.033003	.031856	.030739	.029653	.028602	.027587	.026607	.025665	.024758	.023888	.023053	.022253	.021486	.020751	.020047
2.0	2.0	.031445	.030419	.029413	.028430	.027473	.026544	.025644	.024775	.023935	.023126	.022348	.021599	.020879	.020187	.019524
		.029942	.029027	.028124	.027236	.026368	.025520	.024696	.023895	.023120	.022370	.021645	.020946	.020272	.019623	.018998
		.028495	.027682	.026874	.026075	.025289	.024518	.023764	.023030	.022315	.021621	.020948	.020297	.019668	.019060	.018473
		.027107	.026386	.025666	.024949	.024239	.023540	.022853	.022180	.021523	.020883	.020260	.019655	.019068	.018499	.017949
		.025778	.025142	.024501	.023860	.023221	.022589	.021964	.021350	.020747	.020157	.019581	.019020	.018474	.017943	.017428
2.5	2.5	.024508	.023949	.023381	.022809	.022236	.021665	.021099	.020539	.019987	.019446	.018915	.018395	.017888	.017394	.016913
		.023297	.022808	.022307	.021798	.021285	.020772	.020259	.019750	.019247	.018750	.018261	.017781	.017311	.016852	.016404
		.022144	.021717	.021277	.020826	.020369	.019908	.019446	.018984	.018525	.018071	.017622	.017180	.016745	.016319	.015902
		.021048	.020678	.020292	.019894	.019488	.019075	.018659	.018242	.017825	.017410	.016998	.016591	.016190	.015795	.015408
		.020006	.019687	.019351	.019001	.018641	.018273	.017900	.017523	.017145	.016767	.016391	.016017	.015648	.015283	.014923
3.0	3.0	.019018	.018745	.018453	.018147	.017829	.017502	.017168	.016829	.016487	.016144	.015800	.015458	.015118	.014781	.014448
		.018081	.017849	.017597	.017331	.017051	.016762	.016464	.016159	.015851	.015539	.015227	.014914	.014602	.014291	.013984
		.017194	.016997	.016782	.016551	.016307	.016051	.015786	.015514	.015237	.014955	.014671	.014385	.014099	.013814	.013530
		.016353	.016189	.016007	.015808	.015595	.015371	.015136	.014893	.014644	.014390	.014133	.013872	.013611	.013349	.013088
		.015557	.015423	.015269	.015099	.014915	.014719	.014512	.014296	.014074	.013845	.013612	.013376	.013137	.012897	.012657
3.5	3.5	.014804	.014695	.014568	.014424	.014266	.014095	.013914	.013723	.013524	.013319	.013109	.012895	.012678	.012458	.012238
		.014091	.014006	.013902	.013782	.013647	.013499	.013341	.013173	.012996	.012813	.012624	.012430	.012233	.012033	.011830
		.013417	.013352	.013269	.013170	.013056	.012930	.012792	.012645	.012489	.012325	.012156	.011981	.011802	.011620	.011435
		.012780	.012733	.012668	.012588	.012493	.012386	.012267	.012139	.012001	.011856	.011705	.011548	.011386	.011220	.011052
		.012177	.012146	.012098	.012034	.011957	.011867	.011765	.011654	.011534	.011405	.011270	.011130	.010984	.010834	.010680
4.0	4.0	.011607	.011590	.011556	.011508	.011446	.011371	.011285	.011190	.011085	.010972	.010853	.010727	.010596	.010460	.010321
		.011068	.011063	.011042	.011007	.010959	.010898	.010827	.010745	.010655	.010556	.010451	.010339	.010221	.010099	.009973
		.010558	.010564	.010554	.010531	.010495	.010447	.010388	.010320	.010242	.010157	.010064	.009965	.009860	.009751	.009637
		.010075	.010091	.010091	.010079	.010054	.010017	.009970	.009913	.009847	.009774	.009693	.009605	.009512	.009414	.009311
		.009619	.009642	.009652	.009649	.009633	.009607	.009570	.009524	.009469	.009406	.009336	.009259	.009177	.009090	.008997
4.5	4.5	.009186	.009217	.009235	.009240	.009233	.009216	.009188	.009152	.009106	.009053	.008993	.008927	.008854	.008777	.008694
		.008777	.008814	.008839	.008851	.008852	.008843	.008824	.008796	.008759	.008715	.008664	.008607	.008544	.008475	.008402
		.008390	.008432	.008462	.008481	.008489	.008487	.008476	.008455	.008427	.008391	.008349	.008299	.008245	.008184	.008119
		.008023	.008070	.008105	.008130	.008144	.008148	.008143	.008130	.008109	.008081	.008046	.008004	.007957	.007904	.007847
		.007675	.007726	.007766	.007795	.007815	.007825	.007826	.007819	.007805	.007783	.007755	.007720	.007680	.007635	.007585

		H _r (r, z)														
r	z	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
.0	.0	.025163	.024061	.023030	.022064	.021159	.020308	.019507	.018754	.018043	.017372	.016738	.016138	.015570	.015032	.014521
		.025143	.024043	.023013	.022049	.021145	.020295	.019495	.018743	.018033	.017363	.016729	.016130	.015563	.015025	.014515
		.025083	.023988	.022963	.022003	.021102	.020256	.019460	.018710	.018002	.017335	.016703	.016106	.015540	.015004	.014495
		.024983	.023897	.022880	.021927	.021032	.020192	.019400	.018655	.017952	.017288	.016660	.016066	.015503	.014969	.014463
		.024845	.023771	.022765	.021821	.020935	.020102	.019318	.018579	.017881	.017223	.016599	.016010	.015451	.014921	.014417
.5	.5	.024669	.023610	.022618	.021686	.020811	.019988	.019213	.018482	.017792	.017139	.016522	.015938	.015384	.014858	.014359
		.024457	.023416	.022440	.021524	.020662	.019850	.019086	.018364	.017683	.017039	.016429	.015851	.015303	.014783	.014289
		.024210	.023191	.022233	.021334	.020487	.019690	.018937	.018227	.017556	.016921	.016320	.015750	.015209	.014695	.014207
		.023931	.022935	.021999	.021118	.020289	.019507	.018769	.018071	.017412	.016787	.016195	.015634	.015101	.014594	.014113
		.023622	.022651	.021739	.020879	.020068	.019303	.018581	.017897	.017250	.016637	.016056	.015504	.014980	.014482	.014008
1.0	1.0	.023284	.022341	.021454	.020617	.019827	.019080	.018374	.017706	.017073	.016473	.015903	.015362	.014847	.014358	.013892
		.022920	.022007	.021146	.020334	.019565	.018839	.018151	.017499	.016881	.016294	.015736	.015207	.014703	.014223	.013766
		.022533	.021651	.020819	.020031	.019286	.018580	.017911	.017277	.016674	.016102	.015558	.015040	.014547	.014077	.013630
		.022125	.021275	.020472	.019711	.018990	.018306	.017657	.017041	.016455	.015897	.015367	.014862	.014381	.013922	.013484
		.021698	.020882	.020109	.019375	.018679	.018018	.017389	.016792	.016223	.015682	.015166	.014674	.014205	.013758	.013330
1.5	1.5	.021255	.020473	.019731	.019025	.018355	.017717	.017110	.016531	.015981	.015456	.014955	.014477	.014021	.013585	.013168
		.020799	.020052	.019340	.018663	.018019	.017404	.016819	.016261	.015728	.015220	.014735	.014271	.013828	.013404	.012999
		.020332	.019619	.018939	.018291	.017672	.017082	.016519	.015981	.015467	.014976	.014506	.014057	.013628	.013216	.012822
		.019856	.019177	.018529	.017909	.017317	.016751	.016210	.015693	.015198	.014724	.014271	.013837	.013421	.013022	.012640
		.019374	.018729	.018112	.017521	.016955	.016414	.015895	.015398	.014922	.014466	.014029	.013610	.013207	.012822	.012451
2.0	2.0	.018887	.018276	.017689	.017127	.016587	.016070	.015574	.015097	.014640	.014202	.013781	.013377	.012989	.012616	.012258
		.018397	.017819	.017263	.016729	.016215	.015722	.015248	.014792	.014354	.013933	.013529	.013140	.012766	.012406	.012060
		.017906	.017361	.016835	.016328	.015840	.015370	.014918	.014483	.014064	.013661	.013272	.012899	.012539	.012192	.011858
		.017417	.016902	.016406	.015926	.015463	.015017	.014586	.014171	.013771	.013385	.013013	.012654	.012308	.011975	.011653
		.016929	.016445	.015977	.015524	.015086	.014662	.014253	.013858	.013476	.013107	.012751	.012407	.012075	.011755	.011446
2.5	2.5	.016445	.015991	.015550	.015123	.014709	.014307	.013919	.013543	.013179	.012828	.012487	.012158	.011840	.011533	.011236
		.015966	.015541	.015126	.014724	.014333	.013954	.013585	.013228	.012883	.012547	.012223	.011908	.011604	.011309	.011024
		.015494	.015095	.014707	.014328	.013960	.013601	.013253	.012915	.012586	.012267	.011958	.011658	.011367	.011085	.010811
		.015028	.014655	.014291	.013936	.013589	.013251	.012922	.012602	.012290	.011987	.011693	.011407	.011129	.010859	.010597
		.014569	.014222	.013882	.013549	.013223	.012905	.012594	.012291	.011996	.011709	.011429	.011156	.010891	.010634	.010384
3.0	3.0	.014120	.013796	.013479	.013167	.012861	.012562	.012269	.011983	.011704	.011432	.011166	.010907	.010655	.010409	.010170
		.013679	.013379	.013082	.012791	.012505	.012224	.011948	.011678	.011415	.011157	.010905	.010659	.010419	.010185	.009956
		.013248	.012969	.012693	.012421	.012153	.011890	.011631	.011377	.011128	.010884	.010646	.010412	.010184	.009961	.009744
		.012827	.012569	.012312	.012059	.011808	.011562	.011319	.011080	.010845	.010615	.010389	.010168	.009951	.009740	.009533
		.012417	.012177	.011939	.011703	.011470	.011239	.011011	.010787	.010566	.010349	.010136	.009926	.009721	.009520	.009323
3.5	3.5	.012016	.011795	.011575	.011356	.011138	.010923	.010709	.010499	.010291	.010086	.009885	.009687	.009493	.009302	.009115
		.011627	.011423	.011219	.011016	.010813	.010612	.010413	.010216	.010021	.009828	.009638	.009451	.009267	.009086	.008909
		.011249	.011061	.010872	.010684	.010496	.010309	.010122	.009938	.009755	.009574	.009395	.009219	.009045	.008874	.008705
		.010881	.010708	.010535	.010360	.010186	.010012	.009838	.009665	.009494	.009324	.009156	.008990	.008825	.008663	.008504
		.010524	.010366	.010206	.010045	.009883	.009721	.009560	.009399	.009238	.009079	.008921	.008764	.008609	.008456	.008305
4.0	4.0	.010178	.010033	.009886	.009738	.009588	.009438	.009288	.009138	.008988	.008838	.008690	.008543	.008397	.008252	.008110
		.009843	.009711	.009576	.009439	.009301	.009162	.009022	.008882	.008743	.008603	.008464	.008325	.008188	.008052	.007917
		.009519	.009398	.009275	.009149	.009022	.008893	.008763	.008633	.008503	.008372	.008242	.008112	.007983	.007855	.007727
		.009205	.009095	.008982	.008867	.008750	.008631	.008511	.008390	.008269	.008147	.008025	.007903	.007782	.007661	.007541
		.008901	.008801	.008699	.008593	.008485	.008376	.008265	.008153	.008040	.007926	.007813	.007699	.007585	.007471	.007358
4.5	4.5	.008608	.008517	.008424	.008327	.008229	.008128	.008026	.007922	.007817	.007711	.007605	.007498	.007392	.007285	.007179
		.008324	.008242	.008158	.008070	.007980	.007887	.007793	.007697	.007599	.007501	.007402	.007302	.007203	.007102	.007002
		.008050	.007977	.007900	.007820	.007738	.007653	.007566	.007477	.007387	.007296	.007204	.007111	.007018	.006924	.006830
		.007785	.007720	.007651	.007578	.007503	.007426	.007346	.007264	.007181	.007096	.007011	.006924	.006837	.006749	.006661
		.007530	.007472	.007409	.007344	.007276	.007205	.007132	.007057	.006980	.006902	.006822	.006742	.006660	.006578	.006495

		$H_T(r,z)$															
z	r	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	
.0		.014036	.013575	.013136	.012719	.012321	.011941	.011579	.011233	.010902	.010586	.010283	.009993	.009716	.009449	.009194	
		.014030	.013569	.013131	.012714	.012316	.011937	.011575	.011229	.010898	.010582	.010280	.009990	.009713	.009447	.009191	
		.014012	.013552	.013115	.012699	.012302	.011923	.011562	.011217	.010887	.010572	.010270	.009981	.009704	.009438	.009184	
		.013981	.013524	.013088	.012674	.012279	.011901	.011542	.011198	.010869	.010555	.010254	.009966	.009690	.009425	.009171	
		.013939	.013484	.013051	.012639	.012246	.011871	.011513	.011171	.010844	.010531	.010231	.009945	.009670	.009406	.009153	
.5		.013885	.013434	.013004	.012595	.012204	.011832	.011476	.011136	.010811	.010500	.010203	.009917	.009644	.009381	.009130	
		.013819	.013372	.012947	.012541	.012154	.011785	.011432	.011094	.010772	.010463	.010167	.009884	.009612	.009352	.009102	
		.013743	.013300	.012879	.012478	.012095	.011729	.011379	.011045	.010725	.010419	.010126	.009845	.009576	.009317	.009069	
		.013655	.013218	.012802	.012406	.012027	.011665	.011319	.010989	.010672	.010369	.010079	.009800	.009533	.009277	.009031	
		.013556	.013126	.012716	.012325	.011951	.011594	.011252	.010926	.010613	.010313	.010026	.009750	.009486	.009232	.008988	
1.0		.013448	.013025	.012621	.012235	.011867	.011515	.011178	.010856	.010547	.010251	.009967	.009695	.009433	.009182	.008941	
		.013330	.012914	.012517	.012138	.011775	.011429	.011097	.010779	.010475	.010183	.009903	.009634	.009376	.009128	.008890	
		.013202	.012795	.012405	.012033	.011676	.011336	.011009	.010696	.010397	.010109	.009833	.009568	.009314	.009069	.008834	
		.013066	.012667	.012285	.011920	.011570	.011236	.010915	.010608	.010313	.010030	.009758	.009497	.009247	.009005	.008773	
		.012922	.012531	.012158	.011800	.011458	.011130	.010815	.010513	.010224	.009946	.009679	.009422	.009175	.008938	.008709	
1.5		.012770	.012389	.012024	.011674	.011339	.011018	.010709	.010414	.010130	.009857	.009594	.009342	.009100	.008866	.008641	
		.012611	.012239	.011883	.011541	.011214	.010900	.010598	.010309	.010030	.009763	.009506	.009258	.009020	.008790	.008570	
		.012445	.012083	.011736	.011403	.011084	.010777	.010482	.010199	.009927	.009665	.009413	.009170	.008936	.008711	.008494	
		.012273	.011921	.011584	.011260	.010948	.010649	.010361	.010085	.009819	.009562	.009316	.009078	.008849	.008628	.008416	
		.012096	.011755	.011427	.011111	.010808	.010517	.010236	.009966	.009707	.009456	.009215	.008983	.008759	.008542	.008334	
2.0		.011914	.011583	.011265	.010958	.010664	.010380	.010107	.009844	.009591	.009346	.009111	.008884	.008665	.008453	.008249	
		.011727	.011407	.011098	.010802	.010515	.010240	.009974	.009718	.009472	.009233	.009004	.008782	.008568	.008361	.008162	
		.011537	.011227	.010929	.010641	.010364	.010096	.009838	.009589	.009349	.009117	.008893	.008677	.008468	.008267	.008071	
		.011343	.011044	.010756	.010477	.010209	.009949	.009699	.009457	.009224	.008998	.008780	.008570	.008366	.008169	.007979	
		.011147	.010859	.010580	.010311	.010051	.009800	.009557	.009323	.009096	.008877	.008665	.008460	.008262	.008070	.007884	
2.5		.010948	.010670	.010402	.010142	.009891	.009648	.009413	.009186	.008966	.008753	.008547	.008348	.008155	.007968	.007787	
		.010748	.010481	.010222	.009971	.009729	.009494	.009267	.009047	.008834	.008628	.008428	.008234	.008047	.007865	.007689	
		.010546	.010289	.010040	.009799	.009565	.009339	.009119	.008907	.008700	.008500	.008307	.008119	.007937	.007760	.007589	
		.010343	.010097	.009858	.009626	.009400	.009182	.008970	.008764	.008565	.008372	.008184	.008002	.007825	.007653	.007487	
		.010140	.009904	.009674	.009451	.009234	.009024	.008820	.008621	.008429	.008242	.008060	.007883	.007712	.007546	.007384	
3.0		.009937	.009711	.009490	.009276	.009068	.008865	.008669	.008477	.008291	.008110	.007935	.007764	.007598	.007437	.007280	
		.009734	.009517	.009306	.009101	.008901	.008706	.008517	.008332	.008153	.007979	.007809	.007644	.007483	.007327	.007175	
		.009532	.009325	.009123	.008926	.008734	.008547	.008365	.008187	.008015	.007846	.007682	.007523	.007367	.007216	.007069	
		.009330	.009132	.008939	.008751	.008567	.008388	.008213	.008042	.007876	.007713	.007555	.007401	.007251	.007105	.006962	
		.009130	.008941	.008757	.008577	.008401	.008229	.008061	.007897	.007737	.007581	.007428	.007280	.007135	.006993	.006855	
3.5		.008931	.008752	.008576	.008403	.008235	.008070	.007909	.007752	.007598	.007448	.007301	.007158	.007018	.006881	.006748	
		.008734	.008563	.008395	.008231	.008070	.007912	.007758	.007607	.007459	.007315	.007174	.007036	.006901	.006769	.006641	
		.008539	.008377	.008217	.008060	.007906	.007755	.007608	.007463	.007321	.007183	.007047	.006914	.006784	.006657	.006533	
		.008347	.008192	.008040	.007890	.007744	.007600	.007458	.007320	.007184	.007051	.006921	.006793	.006668	.006545	.006426	
		.008156	.008009	.007865	.007723	.007583	.007445	.007310	.007178	.007047	.006920	.006795	.006672	.006552	.006434	.006318	
4.0		.007968	.007829	.007692	.007557	.007423	.007292	.007163	.007036	.006912	.006790	.006669	.006552	.006436	.006323	.006212	
		.007783	.007651	.007521	.007392	.007266	.007141	.007018	.006896	.006777	.006660	.006545	.006432	.006321	.006212	.006105	
		.007601	.007476	.007353	.007230	.007110	.006991	.006873	.006758	.006644	.006532	.006422	.006313	.006207	.006102	.005999	
		.007422	.007304	.007187	.007071	.006956	.006843	.006731	.006621	.006512	.006405	.006299	.006195	.006093	.005993	.005894	
		.007246	.007134	.007023	.006913	.006804	.006697	.006590	.006485	.006381	.006279	.006178	.006078	.005980	.005884	.005789	
4.5		.007072	.006967	.006862	.006758	.006655	.006553	.006451	.006351	.006252	.006154	.006058	.005963	.005869	.005776	.005685	
		.006903	.006803	.006704	.006605	.006508	.006411	.006314	.006219	.006125	.006031	.005939	.005848	.005758	.005670	.005582	
		.006736	.006642	.006549	.006455	.006363	.006271	.006179	.006089	.005999	.005910	.005822	.005735	.005649	.005564	.005480	
		.006573	.006484	.006396	.006308	.006220	.006133	.006046	.005960	.005875	.005790	.005706	.005623	.005541	.005459	.005379	
		.006412	.006329	.006246	.006163	.006080	.005998	.005915	.005833	.005752	.005672	.005592	.005512	.005434	.005356	.005279

		$H_r(r,z)$														
z	r	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
.0		.008949	.008713	.008487	.008269	.008060	.007859	.007665	.007478	.007298	.007124	.006957	.006795	.006639	.006488	.006342
		.008946	.008711	.008485	.008267	.008058	.007857	.007663	.007476	.007296	.007123	.006955	.006794	.006638	.006487	.006341
		.008939	.008704	.008478	.008261	.008052	.007851	.007658	.007471	.007291	.007118	.006951	.006789	.006634	.006483	.006338
		.008927	.008692	.008467	.008251	.008042	.007842	.007649	.007463	.007283	.007110	.006943	.006782	.006627	.006477	.006331
		.008910	.008676	.008452	.008236	.008029	.007829	.007636	.007451	.007272	.007099	.006933	.006773	.006617	.006468	.006323
.5		.008888	.008656	.008432	.008217	.008011	.007812	.007620	.007435	.007257	.007086	.006920	.006760	.006605	.006456	.006312
		.008861	.008630	.008408	.008195	.007989	.007791	.007601	.007417	.007240	.007069	.006904	.006745	.006591	.006442	.006299
		.008830	.008601	.008380	.008168	.007964	.007767	.007578	.007395	.007219	.007049	.006885	.006727	.006574	.006426	.006283
		.008794	.008567	.008348	.008137	.007935	.007740	.007551	.007370	.007195	.007026	.006863	.006706	.006554	.006407	.006265
		.008754	.008529	.008312	.008103	.007902	.007708	.007522	.007342	.007168	.007001	.006839	.006683	.006532	.006386	.006245
1.0		.008709	.008486	.008272	.008065	.007866	.007674	.007489	.007311	.007138	.006972	.006812	.006657	.006507	.006362	.006222
		.008660	.008440	.008227	.008023	.007826	.007636	.007453	.007276	.007106	.006941	.006782	.006628	.006480	.006336	.006197
		.008607	.008389	.008180	.007977	.007783	.007595	.007414	.007239	.007070	.006907	.006750	.006597	.006450	.006308	.006170
		.008550	.008335	.008128	.007929	.007736	.007551	.007372	.007199	.007032	.006871	.006715	.006564	.006418	.006278	.006141
		.008489	.008277	.008073	.007876	.007686	.007503	.007326	.007156	.006991	.006831	.006677	.006528	.006384	.006245	.006110
1.5		.008425	.008216	.008015	.007821	.007634	.007453	.007279	.007110	.006947	.006790	.006638	.006491	.006348	.006210	.006077
		.008357	.008151	.007953	.007762	.007578	.007400	.007228	.007062	.006901	.006746	.006596	.006450	.006310	.006174	.006042
		.008285	.008083	.007889	.007701	.007519	.007344	.007175	.007011	.006853	.006700	.006551	.006408	.006269	.006135	.006005
		.008210	.008012	.007821	.007636	.007458	.007286	.007119	.006958	.006802	.006651	.006505	.006364	.006227	.006094	.005966
		.008133	.007938	.007751	.007569	.007394	.007225	.007061	.006902	.006749	.006600	.006457	.006317	.006183	.006052	.005925
2.0		.008052	.007862	.007677	.007500	.007328	.007161	.007000	.006845	.006694	.006548	.006406	.006269	.006136	.006008	.005883
		.007969	.007782	.007602	.007428	.007259	.007096	.006938	.006785	.006637	.006493	.006354	.006219	.006089	.005962	.005839
		.007883	.007700	.007524	.007353	.007188	.007028	.006873	.006723	.006578	.006437	.006300	.006168	.006039	.005914	.005793
		.007795	.007616	.007444	.007277	.007115	.006958	.006807	.006659	.006517	.006378	.006244	.006114	.005988	.005865	.005746
		.007704	.007530	.007362	.007198	.007040	.006887	.006738	.006594	.006454	.006319	.006187	.006059	.005935	.005815	.005698
2.5		.007612	.007442	.007278	.007118	.006964	.006814	.006668	.006527	.006390	.006257	.006128	.006003	.005881	.005763	.005648
		.007518	.007353	.007192	.007036	.006885	.006739	.006596	.006458	.006324	.006194	.006068	.005945	.005826	.005710	.005597
		.007422	.007261	.007105	.006953	.006805	.006662	.006523	.006389	.006257	.006130	.006006	.005886	.005769	.005656	.005545
		.007325	.007168	.007016	.006868	.006724	.006585	.006449	.006317	.006189	.006065	.005944	.005826	.005712	.005600	.005492
		.007227	.007074	.006926	.006782	.006642	.006506	.006373	.006245	.006120	.005998	.005880	.005765	.005653	.005544	.005438
3.0		.007127	.006979	.006835	.006695	.006558	.006426	.006297	.006171	.006049	.005930	.005815	.005702	.005593	.005486	.005382
		.007027	.006883	.006743	.006606	.006474	.006345	.006219	.006097	.005978	.005862	.005749	.005639	.005532	.005428	.005326
		.006925	.006786	.006650	.006517	.006388	.006263	.006141	.006021	.005905	.005792	.005682	.005575	.005471	.005369	.005269
		.006823	.006688	.006556	.006428	.006302	.006180	.006061	.005945	.005832	.005722	.005615	.005510	.005408	.005309	.005212
		.006721	.006590	.006462	.006337	.006216	.006097	.005981	.005869	.005759	.005651	.005547	.005445	.005345	.005248	.005153
3.5		.006618	.006491	.006367	.006246	.006128	.006013	.005901	.005791	.005684	.005580	.005478	.005379	.005282	.005187	.005094
		.006515	.006392	.006272	.006155	.006041	.005929	.005820	.005713	.005609	.005508	.005409	.005312	.005217	.005125	.005035
		.006412	.006293	.006177	.006064	.005953	.005845	.005739	.005635	.005534	.005436	.005339	.005245	.005153	.005063	.004975
		.006308	.006194	.006082	.005972	.005865	.005760	.005657	.005557	.005459	.005363	.005269	.005177	.005088	.005000	.004915
		.006205	.006095	.005986	.005880	.005776	.005675	.005575	.005478	.005383	.005290	.005199	.005110	.005023	.004937	.004854
4.0		.006103	.005996	.005891	.005789	.005688	.005590	.005494	.005399	.005307	.005217	.005128	.005042	.004957	.004874	.004793
		.006000	.005897	.005796	.005697	.005600	.005505	.005412	.005321	.005231	.005144	.005058	.004974	.004891	.004811	.004732
		.005898	.005799	.005701	.005606	.005512	.005420	.005330	.005242	.005155	.005070	.004987	.004905	.004826	.004747	.004670
		.005796	.005701	.005607	.005515	.005425	.005336	.005249	.005163	.005079	.004997	.004916	.004837	.004760	.004684	.004609
		.005696	.005604	.005513	.005425	.005337	.005252	.005167	.005085	.005004	.004924	.004846	.004769	.004694	.004620	.004547
4.5		.005595	.005507	.005420	.005335	.005250	.005168	.005086	.005007	.004928	.004851	.004775	.004701	.004628	.004556	.004486
		.005496	.005411	.005327	.005245	.005164	.005084	.005006	.004929	.004853	.004778	.004705	.004633	.004562	.004493	.004424
		.005397	.005316	.005235	.005156	.005078	.005001	.004926	.004851	.004778	.004706	.004635	.004565	.004497	.004429	.004363
		.005300	.005221	.005144	.005068	.004993	.004919	.004846	.004774	.004703	.004634	.004565	.004498	.004431	.004366	.004302
		.005203	.005128	.005054	.004980	.004908	.004837	.004767	.004697	.004629	.004562	.004496	.004430	.004366	.004303	.004241

		$H_r(r, z)$														
r	z	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
.0		.006202	.006065	.005934	.005806	.005683	.005563	.005448	.005335	.005227	.005121	.005019	.004920	.004823	.004730	.004639
		.006200	.006064	.005933	.005805	.005682	.005562	.005447	.005335	.005226	.005120	.005018	.004919	.004823	.004729	.004638
		.006197	.006061	.005929	.005802	.005679	.005560	.005444	.005332	.005223	.005118	.005016	.004917	.004820	.004727	.004636
		.006191	.006055	.005924	.005797	.005674	.005555	.005439	.005328	.005219	.005114	.005012	.004913	.004817	.004724	.004633
		.006183	.006048	.005917	.005790	.005667	.005548	.005433	.005322	.005213	.005108	.005007	.004908	.004812	.004719	.004628
.5		.006173	.006038	.005907	.005781	.005658	.005540	.005425	.005314	.005206	.005101	.005000	.004901	.004806	.004713	.004623
		.006160	.006025	.005895	.005770	.005648	.005530	.005415	.005304	.005197	.005093	.004991	.004893	.004798	.004705	.004616
		.006145	.006011	.005882	.005756	.005635	.005518	.005404	.005293	.005186	.005082	.004982	.004884	.004789	.004697	.004607
		.006128	.005995	.005866	.005741	.005621	.005504	.005390	.005281	.005174	.005071	.004970	.004873	.004778	.004687	.004597
		.006108	.005976	.005848	.005724	.005604	.005488	.005375	.005266	.005160	.005057	.004958	.004861	.004767	.004675	.004587
1.0		.006086	.005955	.005828	.005705	.005586	.005471	.005359	.005250	.005145	.005043	.004943	.004847	.004754	.004663	.004574
		.006063	.005933	.005807	.005684	.005566	.005452	.005340	.005232	.005128	.005026	.004928	.004832	.004739	.004649	.004561
		.006037	.005908	.005783	.005662	.005544	.005431	.005320	.005213	.005109	.005009	.004911	.004816	.004723	.004634	.004547
		.006009	.005881	.005757	.005637	.005521	.005408	.005299	.005193	.005090	.004990	.004892	.004798	.004706	.004617	.004531
		.005979	.005853	.005730	.005611	.005496	.005384	.005276	.005170	.005068	.004969	.004873	.004779	.004688	.004600	.004514
1.5		.005947	.005822	.005701	.005583	.005469	.005358	.005251	.005147	.005045	.004947	.004852	.004759	.004669	.004581	.004496
		.005914	.005790	.005670	.005554	.005441	.005331	.005225	.005122	.005021	.004924	.004829	.004738	.004648	.004561	.004477
		.005878	.005756	.005637	.005522	.005411	.005302	.005197	.005095	.004996	.004900	.004806	.004715	.004626	.004540	.004457
		.005841	.005720	.005603	.005490	.005379	.005272	.005168	.005067	.004969	.004874	.004781	.004691	.004603	.004518	.004435
		.005802	.005683	.005567	.005455	.005346	.005241	.005138	.005038	.004941	.004847	.004755	.004666	.004579	.004495	.004413
2.0		.005762	.005644	.005530	.005419	.005312	.005208	.005106	.005008	.004912	.004819	.004728	.004640	.004554	.004471	.004390
		.005720	.005604	.005491	.005382	.005276	.005173	.005073	.004976	.004881	.004789	.004700	.004613	.004528	.004446	.004366
		.005676	.005562	.005451	.005344	.005239	.005138	.005039	.004943	.004850	.004759	.004671	.004585	.004501	.004420	.004340
		.005631	.005519	.005410	.005304	.005201	.005101	.005004	.004909	.004817	.004727	.004640	.004556	.004473	.004393	.004314
		.005585	.005474	.005367	.005263	.005162	.005063	.004967	.004874	.004783	.004695	.004609	.004525	.004444	.004365	.004287
2.5		.005537	.005428	.005323	.005221	.005121	.005024	.004930	.004838	.004748	.004661	.004577	.004494	.004414	.004336	.004259
		.005488	.005381	.005278	.005177	.005079	.004984	.004891	.004801	.004713	.004627	.004544	.004462	.004383	.004306	.004231
		.005438	.005333	.005232	.005133	.005036	.004943	.004851	.004763	.004676	.004592	.004510	.004429	.004351	.004275	.004201
		.005387	.005284	.005184	.005087	.004993	.004901	.004811	.004724	.004638	.004556	.004475	.004396	.004319	.004244	.004171
		.005335	.005234	.005136	.005041	.004948	.004858	.004770	.004684	.004600	.004519	.004439	.004361	.004286	.004212	.004140
3.0		.005281	.005183	.005087	.004994	.004903	.004814	.004727	.004643	.004561	.004481	.004403	.004326	.004252	.004179	.004109
		.005227	.005131	.005037	.004946	.004856	.004769	.004684	.004602	.004521	.004442	.004365	.004291	.004217	.004146	.004076
		.005173	.005078	.004986	.004897	.004809	.004724	.004641	.004560	.004480	.004403	.004328	.004254	.004182	.004112	.004043
		.005117	.005025	.004935	.004847	.004761	.004678	.004596	.004517	.004439	.004363	.004289	.004217	.004146	.004077	.004010
		.005061	.004971	.004883	.004797	.004713	.004631	.004551	.004473	.004397	.004323	.004250	.004179	.004110	.004042	.003976
3.5		.005004	.004916	.004830	.004746	.004664	.004584	.004506	.004429	.004355	.004282	.004211	.004141	.004073	.004007	.003942
		.004947	.004861	.004777	.004695	.004615	.004536	.004460	.004385	.004312	.004240	.004171	.004102	.004036	.003970	.003907
		.004889	.004805	.004723	.004643	.004565	.004488	.004413	.004340	.004268	.004198	.004130	.004063	.003998	.003934	.003871
		.004831	.004749	.004669	.004591	.004514	.004439	.004366	.004295	.004225	.004156	.004089	.004024	.003959	.003897	.003835
		.004772	.004693	.004614	.004538	.004463	.004390	.004319	.004249	.004180	.004113	.004048	.003984	.003921	.003859	.003799
4.0		.004713	.004636	.004560	.004485	.004412	.004341	.004271	.004203	.004136	.004070	.004006	.003943	.003882	.003822	.003763
		.004654	.004579	.004505	.004432	.004361	.004291	.004223	.004156	.004091	.004027	.003964	.003903	.003842	.003784	.003726
		.004595	.004521	.004449	.004378	.004309	.004241	.004175	.004109	.004046	.003983	.003922	.003862	.003803	.003745	.003689
		.004536	.004464	.004394	.004325	.004257	.004191	.004126	.004063	.004000	.003939	.003879	.003821	.003763	.003707	.003651
		.004476	.004407	.004338	.004271	.004205	.004141	.004078	.004015	.003955	.003895	.003836	.003779	.003723	.003668	.003614
4.5		.004417	.004349	.004283	.004217	.004153	.004090	.004029	.003968	.003909	.003851	.003794	.003738	.003683	.003629	.003576
		.004357	.004292	.004227	.004163	.004101	.004040	.003980	.003921	.003863	.003806	.003751	.003696	.003642	.003589	.003538
		.004298	.004234	.004171	.004110	.004049	.003989	.003931	.003874	.003817	.003762	.003707	.003654	.003602	.003550	.003500
		.004239	.004177	.004116	.004056	.003997	.003939	.003882	.003826	.003771	.003717	.003664	.003612	.003561	.003511	.003461
		.004180	.004119	.004060	.004002	.003945	.003888	.003833	.003779	.003725	.003673	.003621	.003570	.003520	.003471	.003423

		$H_r(r,z)$														
z	r	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
5.0		.000000	.000377	.000753	.001126	.001495	.001860	.002219	.002570	.002914	.003249	.003573	.003887	.004189	.004480	.004757
		.000000	.000356	.000711	.001063	.001413	.001758	.002097	.002430	.002755	.003073	.003381	.003679	.003967	.004244	.004509
		.000000	.000337	.000672	.001006	.001336	.001662	.001984	.002299	.002608	.002909	.003202	.003486	.003760	.004024	.004278
		.000000	.000319	.000636	.000952	.001265	.001574	.001879	.002178	.002471	.002757	.003036	.003306	.003567	.003819	.004061
		.000000	.000302	.000603	.000902	.001198	.001492	.001781	.002065	.002343	.002615	.002880	.003138	.003387	.003628	.003859
5.5		.000000	.000286	.000571	.000855	.001136	.001415	.001689	.001959	.002224	.002483	.002735	.002980	.003218	.003448	.003670
		.000000	.000271	.000542	.000812	.001079	.001343	.001604	.001861	.002112	.002359	.002599	.002833	.003061	.003280	.003492
		.000000	.000258	.000515	.000771	.001025	.001276	.001524	.001768	.002008	.002243	.002472	.002696	.002913	.003123	.003326
		.000000	.000245	.000490	.000733	.000974	.001214	.001450	.001682	.001911	.002135	.002353	.002567	.002774	.002976	.003170
		.000000	.000233	.000466	.000697	.000927	.001155	.001380	.001601	.001819	.002033	.002242	.002446	.002644	.002837	.003023
6.0		.000000	.000222	.000444	.000664	.000883	.001100	.001314	.001526	.001734	.001938	.002137	.002332	.002522	.002707	.002886
		.000000	.000212	.000423	.000633	.000842	.001048	.001253	.001455	.001653	.001848	.002039	.002225	.002407	.002584	.002756
		.000000	.000202	.000403	.000604	.000803	.001000	.001195	.001388	.001578	.001764	.001946	.002125	.002299	.002469	.002633
		.000000	.000193	.000385	.000576	.000766	.000955	.001141	.001325	.001506	.001685	.001859	.002031	.002197	.002360	.002518
		.000000	.000184	.000367	.000550	.000732	.000912	.001090	.001266	.001440	.001610	.001778	.001941	.002102	.002258	.002410
6.5		.000000	.000176	.000351	.000526	.000699	.000872	.001042	.001210	.001377	.001540	.001700	.001857	.002011	.002161	.002307
		.000000	.000168	.000336	.000503	.000669	.000834	.000997	.001158	.001317	.001474	.001627	.001778	.001926	.002070	.002210
		.000000	.000161	.000321	.000481	.000640	.000798	.000954	.001109	.001261	.001411	.001559	.001703	.001845	.001983	.002118
		.000000	.000154	.000308	.000461	.000613	.000764	.000914	.001062	.001208	.001352	.001494	.001632	.001769	.001902	.002031
		.000000	.000147	.000295	.000441	.000587	.000732	.000876	.001018	.001158	.001296	.001432	.001566	.001696	.001824	.001949
7.0		.000000	.000141	.000283	.000423	.000563	.000702	.000840	.000976	.001111	.001243	.001374	.001502	.001628	.001751	.001871
		.000000	.000136	.000271	.000406	.000540	.000673	.000806	.000936	.001066	.001193	.001319	.001442	.001563	.001682	.001798
		.000000	.000130	.000260	.000390	.000518	.000646	.000773	.000899	.001023	.001146	.001266	.001385	.001502	.001616	.001728
		.000000	.000125	.000250	.000374	.000498	.000621	.000743	.000864	.000983	.001101	.001217	.001331	.001443	.001553	.001661
		.000000	.000120	.000240	.000359	.000478	.000596	.000714	.000830	.000945	.001058	.001170	.001280	.001388	.001494	.001598
7.5		.000000	.000115	.000231	.000345	.000460	.000573	.000686	.000798	.000908	.001018	.001125	.001231	.001336	.001438	.001538
		.000000	.000111	.000222	.000332	.000442	.000552	.000660	.000768	.000874	.000979	.001083	.001185	.001286	.001384	.001481
		.000000	.000107	.000213	.000320	.000426	.000531	.000635	.000739	.000841	.000943	.001043	.001141	.001238	.001333	.001427
		.000000	.000103	.000205	.000308	.000410	.000511	.000612	.000711	.000810	.000908	.001004	.001099	.001193	.001285	.001375
		.000000	.000099	.000198	.000296	.000395	.000492	.000589	.000685	.000781	.000875	.000968	.001059	.001150	.001238	.001326
8.0		.000000	.000095	.000191	.000286	.000380	.000474	.000568	.000661	.000752	.000843	.000933	.001021	.001109	.001194	.001279
		.000000	.000092	.000184	.000275	.000367	.000457	.000547	.000637	.000725	.000813	.000900	.000985	.001069	.001152	.001234
		.000000	.000089	.000177	.000266	.000354	.000441	.000528	.000614	.000700	.000785	.000868	.000951	.001032	.001112	.001191
		.000000	.000086	.000171	.000256	.000341	.000426	.000510	.000593	.000675	.000757	.000838	.000918	.000996	.001074	.001150
		.000000	.000083	.000165	.000247	.000329	.000411	.000492	.000572	.000652	.000731	.000809	.000886	.000962	.001037	.001111
8.5		.000000	.000080	.000159	.000239	.000318	.000397	.000475	.000553	.000630	.000706	.000782	.000856	.000930	.001003	.001074
		.000000	.000077	.000154	.000231	.000307	.000383	.000459	.000534	.000609	.000682	.000755	.000828	.000899	.000969	.001038
		.000000	.000074	.000149	.000223	.000297	.000370	.000444	.000516	.000588	.000660	.000730	.000800	.000869	.000937	.001004
		.000000	.000072	.000144	.000216	.000287	.000358	.000429	.000499	.000569	.000638	.000706	.000774	.000841	.000907	.000972
		.000000	.000070	.000139	.000210	.000278	.000346	.000415	.000483	.000550	.000617	.000683	.000749	.000814	.000877	.000940
9.0		.000000	.000067	.000135	.000202	.000269	.000335	.000401	.000467	.000533	.000597	.000661	.000725	.000788	.000849	.000910
		.000000	.000065	.000130	.000195	.000260	.000324	.000389	.000452	.000516	.000578	.000640	.000702	.000763	.000823	.000882
		.000000	.000063	.000126	.000189	.000252	.000314	.000376	.000438	.000499	.000560	.000620	.000680	.000739	.000797	.000854
		.000000	.000061	.000122	.000183	.000244	.000304	.000364	.000424	.000484	.000542	.000601	.000659	.000716	.000772	.000828
		.000000	.000059	.000118	.000177	.000236	.000295	.000353	.000411	.000469	.000526	.000582	.000638	.000694	.000748	.000802
9.5		.000000	.000057	.000115	.000172	.000229	.000286	.000342	.000398	.000454	.000510	.000564	.000619	.000673	.000726	.000778
		.000000	.000056	.000111	.000167	.000222	.000277	.000332	.000386	.000440	.000494	.000547	.000600	.000652	.000704	.000755
		.000000	.000054	.000108	.000162	.000215	.000269	.000322	.000375	.000427	.000479	.000531	.000582	.000633	.000683	.000732
		.000000	.000052	.000105	.000157	.000209	.000261	.000312	.000363	.000414	.000465	.000515	.000565	.000614	.000663	.000711
		.000000	.000051	.000101	.000152	.000203	.000253	.000303	.000353	.000402	.000451	.000500	.000548	.000596	.000643	.000690

		$H_T(r,z)$														
r	z	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
5.0		.005022 .004762 .004520 .004293 .004081	.005273 .005003 .004751 .004515 .004294	.005510 .005231 .004970 .004725 .004496	.005733 .005446 .005177 .004925 .004688	.005942 .005648 .005372 .005113 .004870	.006137 .005837 .005555 .005290 .005041	.006318 .006012 .005725 .005456 .005202	.006485 .006175 .005884 .005610 .005352	.006638 .006325 .006031 .005753 .005492	.006777 .006462 .006165 .005885 .005621	.006903 .006587 .006288 .006006 .005740	.007016 .006699 .006400 .006117 .005850	.007117 .006800 .006500 .006217 .005949	.007205 .006889 .006590 .006306 .006038	.007281 .006967 .006669 .006386 .006118
5.5		.003883 .003697 .003522 .003358 .003204	.004087 .003892 .003710 .003538 .003377	.004281 .004079 .003890 .003711 .003543	.004466 .004258 .004061 .003877 .003703	.004642 .004427 .004225 .004035 .003855	.004807 .004587 .004380 .004184 .004000	.004963 .004738 .004526 .004326 .004138	.005109 .004880 .004664 .004460 .004268	.005246 .005013 .004794 .004586 .004390	.005372 .005137 .004915 .004704 .004505	.005489 .005252 .005027 .004814 .004613	.005597 .005358 .005131 .004917 .004714	.005695 .005455 .005227 .005011 .004807	.005784 .005543 .005315 .005098 .004892	.005865 .005624 .005395 .005178 .004971
6.0		.003058 .002922 .002793 .002672 .002557	.003225 .003082 .002947 .002820 .002700	.003385 .003236 .003096 .002963 .002838	.003539 .003385 .003239 .003101 .002971	.003686 .003526 .003376 .003233 .003098	.003826 .003662 .003507 .003360 .003221	.003959 .003791 .003632 .003481 .003338	.004086 .003914 .003751 .003596 .003450	.004205 .004030 .003863 .003706 .003557	.004317 .004139 .003970 .003810 .003658	.004422 .004242 .004070 .003908 .003753	.004521 .004338 .004165 .004000 .003843	.004612 .004428 .004253 .004086 .003928	.004697 .004511 .004335 .004167 .004007	.004775 .004589 .004411 .004242 .004082
6.5		.002449 .002346 .002250 .002158 .002071	.002586 .002479 .002377 .002281 .002190	.002719 .002607 .002501 .002400 .002305	.002847 .002731 .002620 .002515 .002416	.002971 .002850 .002735 .002627 .002524	.003089 .002965 .002846 .002734 .002628	.003203 .003075 .002953 .002837 .002728	.003311 .003180 .003055 .002937 .002824	.003415 .003280 .003153 .003031 .002916	.003513 .003376 .003246 .003122 .003004	.003607 .003467 .003335 .003208 .003088	.003695 .003553 .003419 .003290 .003168	.003778 .003634 .003498 .003368 .003244	.003856 .003711 .003573 .003442 .003316	.003928 .003782 .003643 .003511 .003384
7.0		.001989 .001911 .001837 .001766 .001700	.002103 .002021 .001943 .001869 .001799	.002214 .002128 .002047 .001969 .001895	.002322 .002232 .002147 .002066 .001989	.002426 .002333 .002245 .002161 .002081	.002527 .002430 .002339 .002252 .002169	.002624 .002524 .002430 .002340 .002255	.002717 .002615 .002518 .002426 .002338	.002806 .002702 .002602 .002508 .002417	.002892 .002785 .002684 .002587 .002494	.002974 .002865 .002761 .002662 .002568	.003052 .002941 .002835 .002735 .002638	.003126 .003014 .002906 .002804 .002706	.003197 .003083 .002974 .002870 .002770	.003263 .003148 .003038 .002932 .002832
7.5		.001636 .001576 .001518 .001463 .001411	.001732 .001668 .001608 .001550 .001495	.001825 .001758 .001695 .001634 .001576	.001916 .001846 .001780 .001717 .001656	.002005 .001932 .001863 .001797 .001734	.002090 .002015 .001943 .001875 .001810	.002173 .002096 .002022 .001951 .001883	.002254 .002174 .002097 .002024 .001955	.002331 .002249 .002170 .002095 .002024	.002406 .002322 .002241 .002164 .002091	.002478 .002391 .002309 .002230 .002155	.002546 .002458 .002375 .002294 .002217	.002612 .002523 .002437 .002355 .002277	.002675 .002584 .002497 .002414 .002335	.002735 .002643 .002555 .002471 .002390
8.0		.001361 .001314 .001268 .001225 .001184	.001442 .001392 .001344 .001298 .001255	.001521 .001469 .001418 .001370 .001324	.001599 .001544 .001491 .001441 .001393	.001674 .001617 .001562 .001510 .001459	.001747 .001688 .001631 .001577 .001525	.001819 .001757 .001698 .001642 .001588	.001888 .001825 .001764 .001706 .001650	.001955 .001890 .001827 .001767 .001710	.002020 .001953 .001889 .001827 .001768	.002083 .002014 .001948 .001885 .001825	.002144 .002073 .002006 .001941 .001879	.002202 .002130 .002062 .001996 .001932	.002258 .002185 .002115 .002048 .001983	.002312 .002238 .002167 .002098 .002033
8.5		.001144 .001106 .001070 .001035 .001002	.001213 .001173 .001135 .001098 .001063	.001281 .001239 .001198 .001160 .001123	.001347 .001303 .001261 .001220 .001182	.001411 .001366 .001322 .001280 .001239	.001475 .001427 .001381 .001337 .001295	.001536 .001487 .001439 .001394 .001350	.001596 .001545 .001496 .001449 .001404	.001655 .001602 .001552 .001503 .001457	.001712 .001657 .001605 .001556 .001508	.001767 .001711 .001658 .001606 .001557	.001820 .001763 .001708 .001656 .001606	.001872 .001813 .001758 .001704 .001652	.001922 .001862 .001805 .001750 .001698	.001970 .001909 .001851 .001795 .001742
9.0		.000970 .000940 .000911 .000883 .000856	.001030 .000997 .000966 .000937 .000908	.001088 .001054 .001021 .001009 .000960	.001145 .001109 .001075 .001042 .001011	.001200 .001163 .001128 .001093 .001061	.001255 .001216 .001179 .001144 .001110	.001309 .001269 .001230 .001193 .001157	.001361 .001319 .001280 .001241 .001204	.001412 .001369 .001328 .001288 .001250	.001462 .001417 .001375 .001334 .001295	.001510 .001465 .001421 .001379 .001339	.001557 .001511 .001466 .001423 .001381	.001603 .001555 .001509 .001465 .001423	.001647 .001598 .001552 .001507 .001463	.001690 .001640 .001593 .001547 .001502
9.5		.000830 .000805 .000781 .000758 .000736	.000881 .000855 .000829 .000805 .000782	.000931 .000903 .000877 .000851 .000827	.000981 .000952 .000924 .000897 .000871	.001029 .000999 .000970 .000941 .000914	.001077 .001045 .001015 .000985 .000957	.001123 .001090 .001059 .001028 .000999	.001169 .001135 .001102 .001071 .001040	.001214 .001178 .001145 .001112 .001081	.001257 .001221 .001186 .001152 .001120	.001300 .001263 .001227 .001192 .001159	.001342 .001303 .001266 .001231 .001196	.001382 .001343 .001305 .001268 .001233	.001421 .001381 .001343 .001305 .001269	.001460 .001419 .001379 .001341 .001304

		$H_T(r, z)$														50	
r	z	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3		4.4
5.0		.007346	.007400	.007443	.007477	.007501	.007516	.007523	.007522	.007513	.007498	.007476	.007448	.007414	.007375	.007332	
		.007034	.007090	.007137	.007174	.007203	.007222	.007234	.007238	.007235	.007224	.007208	.007186	.007158	.007125	.007088	
		.006737	.006796	.006846	.006886	.006918	.006942	.006958	.006966	.006968	.006963	.006951	.006934	.006912	.006885	.006853	
		.006456	.006517	.006569	.006612	.006647	.006674	.006694	.006706	.006712	.006712	.006705	.006693	.006676	.006653	.006627	
		.006189	.006252	.006305	.006351	.006389	.006419	.006442	.006458	.006467	.006471	.006469	.006461	.006448	.006431	.006409	
5.5		.005936	.006000	.006055	.006102	.006142	.006175	.006201	.006220	.006233	.006241	.006242	.006238	.006230	.006216	.006199	
		.005696	.005760	.005816	.005865	.005907	.005942	.005971	.005993	.006009	.006020	.006025	.006025	.006020	.006010	.005997	
		.005467	.005532	.005589	.005640	.005683	.005720	.005751	.005776	.005795	.005808	.005816	.005819	.005818	.005812	.005802	
		.005250	.005315	.005373	.005424	.005469	.005508	.005541	.005568	.005589	.005605	.005616	.005622	.005624	.005621	.005614	
		.005043	.005108	.005167	.005219	.005265	.005305	.005340	.005369	.005392	.005410	.005424	.005433	.005437	.005438	.005434	
6.0		.004847	.004912	.004971	.005024	.005071	.005112	.005148	.005178	.005203	.005224	.005240	.005251	.005256	.005261	.005260	
		.004660	.004725	.004784	.004837	.004885	.004927	.004964	.004996	.005023	.005045	.005063	.005076	.005086	.005091	.005093	
		.004482	.004546	.004605	.004659	.004707	.004750	.004788	.004821	.004850	.004873	.004893	.004908	.004920	.004927	.004931	
		.004312	.004376	.004435	.004489	.004537	.004581	.004620	.004654	.004684	.004709	.004730	.004747	.004760	.004770	.004776	
		.004150	.004214	.004273	.004326	.004375	.004419	.004459	.004494	.004524	.004551	.004573	.004592	.004607	.004618	.004626	
6.5		.003996	.004059	.004118	.004171	.004220	.004264	.004304	.004340	.004372	.004399	.004423	.004443	.004460	.004473	.004482	
		.003849	.003912	.003970	.004023	.004072	.004116	.004157	.004193	.004225	.004254	.004279	.004300	.004318	.004332	.004344	
		.003709	.003771	.003828	.003881	.003930	.003975	.004015	.004052	.004085	.004114	.004140	.004163	.004182	.004197	.004210	
		.003576	.003636	.003693	.003746	.003794	.003839	.003880	.003917	.003950	.003980	.004007	.004030	.004050	.004067	.004081	
		.003448	.003508	.003564	.003616	.003664	.003709	.003750	.003787	.003821	.003852	.003879	.003903	.003924	.003942	.003957	
7.0		.003326	.003385	.003440	.003492	.003540	.003584	.003625	.003663	.003697	.003728	.003756	.003781	.003803	.003821	.003838	
		.003210	.003268	.003322	.003373	.003421	.003465	.003506	.003544	.003578	.003609	.003638	.003663	.003686	.003705	.003722	
		.003098	.003155	.003209	.003260	.003307	.003351	.003391	.003429	.003464	.003495	.003524	.003550	.003573	.003593	.003611	
		.002992	.003048	.003101	.003151	.003197	.003241	.003282	.003319	.003354	.003386	.003415	.003441	.003465	.003486	.003504	
		.002890	.002945	.002997	.003046	.003093	.003136	.003176	.003214	.003248	.003280	.003309	.003336	.003360	.003382	.003401	
7.5		.002792	.002847	.002898	.002946	.002992	.003035	.003075	.003112	.003147	.003179	.003208	.003235	.003260	.003282	.003301	
		.002699	.002752	.002803	.002851	.002896	.002938	.002978	.003015	.003049	.003081	.003111	.003138	.003163	.003185	.003205	
		.002610	.002662	.002712	.002759	.002803	.002845	.002884	.002921	.002955	.002987	.003017	.003044	.003069	.003092	.003113	
		.002524	.002576	.002624	.002671	.002714	.002756	.002795	.002831	.002865	.002897	.002927	.002954	.002979	.003002	.003023	
		.002442	.002493	.002540	.002586	.002629	.002670	.002708	.002745	.002779	.002810	.002840	.002867	.002893	.002916	.002937	
8.0		.002364	.002413	.002460	.002505	.002547	.002587	.002625	.002661	.002695	.002727	.002756	.002784	.002809	.002832	.002854	
		.002288	.002337	.002383	.002427	.002469	.002508	.002546	.002581	.002615	.002646	.002675	.002703	.002728	.002752	.002774	
		.002216	.002263	.002309	.002352	.002393	.002432	.002469	.002504	.002537	.002569	.002598	.002625	.002651	.002674	.002696	
		.002147	.002193	.002237	.002280	.002320	.002359	.002395	.002430	.002463	.002494	.002523	.002550	.002576	.002599	.002621	
		.002080	.002125	.002169	.002211	.002250	.002288	.002324	.002359	.002391	.002422	.002451	.002478	.002503	.002527	.002549	
8.5		.002016	.002060	.002103	.002144	.002183	.002221	.002256	.002290	.002322	.002352	.002381	.002408	.002433	.002457	.002479	
		.001954	.001998	.002040	.002080	.002119	.002155	.002190	.002224	.002255	.002285	.002314	.002341	.002366	.002389	.002412	
		.001895	.001938	.001979	.002019	.002056	.002092	.002127	.002160	.002191	.002221	.002249	.002276	.002301	.002324	.002346	
		.001839	.001880	.001921	.001959	.001996	.002032	.002066	.002098	.002129	.002159	.002187	.002213	.002238	.002261	.002283	
		.001784	.001825	.001864	.001902	.001939	.001974	.002007	.002039	.002070	.002099	.002126	.002152	.002177	.002200	.002222	
9.0		.001731	.001772	.001810	.001847	.001883	.001918	.001950	.001982	.002012	.002041	.002068	.002094	.002118	.002142	.002164	
		.001681	.001720	.001758	.001795	.001830	.001863	.001896	.001927	.001956	.001985	.002012	.002037	.002062	.002085	.002107	
		.001632	.001671	.001708	.001744	.001778	.001811	.001843	.001874	.001903	.001931	.001957	.001983	.002007	.002030	.002052	
		.001585	.001623	.001659	.001695	.001728	.001761	.001792	.001822	.001851	.001879	.001905	.001930	.001954	.001977	.001998	
		.001540	.001577	.001613	.001647	.001680	.001712	.001743	.001773	.001801	.001828	.001854	.001879	.001903	.001925	.001947	
9.5		.001497	.001533	.001568	.001602	.001634	.001666	.001696	.001725	.001753	.001780	.001805	.001830	.001853	.001876	.001897	
		.001455	.001490	.001524	.001558	.001590	.001620	.001650	.001679	.001706	.001733	.001758	.001782	.001805	.001828	.001849	
		.001415	.001449	.001483	.001515	.001546	.001577	.001606	.001634	.001661	.001687	.001712	.001736	.001759	.001781	.001802	
		.001376	.001410	.001442	.001474	.001505	.001535	.001563	.001591	.001618	.001643	.001668	.001692	.001714	.001736	.001757	
		.001338	.001371	.001403	.001435	.001465	.001494	.001522	.001549	.001576	.001601	.001625	.001649	.001671	.001692	.001713	

		$H_T(r,z)$														
z	r	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
5.0		.007284	.007232	.007176	.007117	.007056	.006991	.006924	.006855	.006785	.006712	.006638	.006563	.006488	.006411	.006334
		.007046	.007000	.006951	.006898	.006842	.006784	.006723	.006659	.006594	.006528	.006459	.006390	.006319	.006248	.006175
		.006817	.006777	.006733	.006686	.006635	.006582	.006527	.006469	.006410	.006348	.006285	.006221	.006155	.006088	.006021
		.006596	.006561	.006522	.006480	.006435	.006387	.006337	.006285	.006230	.006173	.006115	.006056	.005995	.005933	.005870
		.006382	.006352	.006319	.006282	.006241	.006199	.006153	.006105	.006055	.006004	.005950	.005895	.005838	.005781	.005722
5.5		.006177	.006151	.006122	.006090	.006054	.006016	.005975	.005931	.005886	.005838	.005789	.005738	.005686	.005633	.005578
		.005979	.005957	.005932	.005904	.005873	.005838	.005802	.005763	.005721	.005678	.005633	.005586	.005538	.005489	.005438
		.005788	.005770	.005749	.005724	.005697	.005667	.005634	.005599	.005562	.005522	.005481	.005438	.005394	.005348	.005301
		.005604	.005590	.005572	.005551	.005527	.005501	.005472	.005440	.005407	.005371	.005333	.005294	.005253	.005211	.005167
		.005426	.005415	.005401	.005384	.005363	.005340	.005314	.005286	.005256	.005224	.005190	.005154	.005116	.005077	.005037
6.0		.005255	.005247	.005236	.005222	.005204	.005185	.005162	.005137	.005110	.005081	.005050	.005017	.004983	.004947	.004910
		.005091	.005085	.005077	.005065	.005051	.005034	.005014	.004993	.004969	.004943	.004915	.004885	.004854	.004821	.004787
		.004932	.004929	.004923	.004914	.004903	.004888	.004872	.004853	.004831	.004808	.004783	.004756	.004728	.004698	.004666
		.004779	.004778	.004775	.004768	.004759	.004747	.004733	.004717	.004698	.004678	.004655	.004631	.004605	.004578	.004549
		.004631	.004633	.004631	.004627	.004620	.004611	.004599	.004585	.004569	.004551	.004531	.004509	.004486	.004461	.004435
6.5		.004489	.004492	.004493	.004491	.004486	.004479	.004470	.004458	.004444	.004428	.004411	.004391	.004370	.004348	.004324
		.004352	.004357	.004360	.004359	.004357	.004352	.004344	.004334	.004323	.004309	.004294	.004277	.004258	.004237	.004216
		.004220	.004227	.004231	.004232	.004231	.004228	.004223	.004215	.004205	.004194	.004180	.004165	.004148	.004130	.004111
		.004092	.004101	.004106	.004110	.004110	.004109	.004105	.004099	.004091	.004082	.004070	.004057	.004042	.004026	.004008
		.003969	.003979	.003986	.003991	.003993	.003993	.003991	.003987	.003981	.003973	.003963	.003952	.003939	.003924	.003909
7.0		.003851	.003862	.003870	.003876	.003880	.003881	.003881	.003878	.003874	.003867	.003859	.003850	.003839	.003826	.003812
		.003737	.003749	.003758	.003766	.003770	.003773	.003774	.003773	.003770	.003765	.003759	.003751	.003741	.003730	.003718
		.003627	.003640	.003650	.003658	.003665	.003669	.003671	.003671	.003669	.003666	.003661	.003654	.003646	.003637	.003626
		.003520	.003534	.003546	.003555	.003562	.003568	.003571	.003572	.003572	.003570	.003566	.003561	.003554	.003546	.003537
		.003418	.003432	.003445	.003455	.003463	.003470	.003474	.003477	.003477	.003477	.003474	.003470	.003465	.003458	.003450
7.5		.003319	.003334	.003347	.003359	.003368	.003375	.003380	.003384	.003386	.003386	.003385	.003382	.003378	.003373	.003366
		.003223	.003239	.003253	.003265	.003275	.003283	.003290	.003294	.003297	.003299	.003298	.003297	.003294	.003289	.003284
		.003131	.003148	.003162	.003175	.003186	.003195	.003202	.003207	.003211	.003214	.003214	.003214	.003212	.003209	.003204
		.003042	.003059	.003074	.003088	.003099	.003109	.003117	.003123	.003128	.003131	.003133	.003133	.003132	.003130	.003127
		.002956	.002974	.002989	.003003	.003015	.003026	.003034	.003041	.003047	.003051	.003054	.003055	.003055	.003054	.003051
8.0		.002874	.002891	.002907	.002922	.002934	.002945	.002954	.002962	.002969	.002973	.002977	.002979	.002980	.002980	.002978
		.002793	.002812	.002828	.002843	.002856	.002867	.002877	.002886	.002893	.002898	.002902	.002905	.002907	.002907	.002907
		.002716	.002735	.002751	.002766	.002780	.002792	.002802	.002811	.002819	.002825	.002830	.002834	.002836	.002837	.002837
		.002641	.002660	.002677	.002693	.002706	.002719	.002730	.002739	.002747	.002754	.002760	.002764	.002767	.002769	.002770
		.002569	.002588	.002605	.002621	.002635	.002648	.002660	.002670	.002678	.002686	.002692	.002697	.002700	.002703	.002705
8.5		.002500	.002518	.002536	.002552	.002566	.002580	.002591	.002602	.002611	.002619	.002626	.002631	.002636	.002639	.002641
		.002432	.002451	.002469	.002485	.002500	.002513	.002525	.002536	.002546	.002554	.002561	.002567	.002572	.002576	.002579
		.002367	.002386	.002404	.002420	.002435	.002449	.002462	.002473	.002483	.002491	.002499	.002506	.002511	.002515	.002519
		.002304	.002323	.002341	.002358	.002373	.002387	.002400	.002411	.002421	.002431	.002439	.002446	.002451	.002456	.002460
		.002243	.002262	.002280	.002297	.002312	.002326	.002339	.002351	.002362	.002371	.002380	.002387	.002394	.002399	.002403
9.0		.002184	.002203	.002221	.002238	.002254	.002268	.002281	.002293	.002304	.002314	.002323	.002331	.002337	.002343	.002348
		.002127	.002146	.002164	.002181	.002197	.002211	.002225	.002237	.002248	.002258	.002267	.002276	.002283	.002289	.002294
		.002072	.002091	.002109	.002126	.002142	.002156	.002170	.002182	.002194	.002204	.002214	.002222	.002230	.002236	.002242
		.002019	.002038	.002056	.002073	.002088	.002103	.002117	.002130	.002141	.002152	.002161	.002170	.002178	.002185	.002191
		.001967	.001986	.002004	.002021	.002037	.002052	.002065	.002078	.002090	.002101	.002111	.002120	.002128	.002135	.002141
9.5		.001917	.001936	.001954	.001971	.001987	.002002	.002015	.002028	.002040	.002051	.002061	.002070	.002079	.002086	.002093
		.001868	.001887	.001905	.001922	.001938	.001953	.001967	.001980	.001992	.002003	.002013	.002023	.002031	.002039	.002046
		.001822	.001840	.001858	.001875	.001891	.001906	.001920	.001933	.001945	.001956	.001967	.001976	.001985	.001993	.002000
		.001776	.001795	.001813	.001829	.001845	.001860	.001874	.001887	.001900	.001911	.001922	.001931	.001940	.001948	.001956
		.001732	.001751	.001768	.001785	.001801	.001816	.001830	.001843	.001855	.001867	.001878	.001888	.001897	.001905	.001913

		H _r (r,z)														
r	z	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
5.0		.006256	.006178	.006099	.006021	.005943	.005864	.005787	.005709	.005632	.005555	.005479	.005403	.005328	.005254	.005180
		.006102	.006029	.005955	.005882	.005808	.005734	.005660	.005586	.005513	.005440	.005367	.005295	.005224	.005153	.005082
		.005953	.005884	.005815	.005745	.005675	.005605	.005536	.005466	.005396	.005327	.005258	.005189	.005121	.005053	.004986
		.005806	.005741	.005676	.005611	.005545	.005479	.005413	.005347	.005281	.005216	.005150	.005085	.005020	.004955	.004891
		.005663	.005602	.005541	.005480	.005418	.005356	.005294	.005231	.005169	.005106	.005044	.004982	.004920	.004858	.004797
5.5		.005523	.005466	.005409	.005352	.005293	.005235	.005176	.005117	.005058	.004999	.004939	.004880	.004821	.004763	.004704
		.005386	.005333	.005280	.005226	.005171	.005116	.005061	.005005	.004949	.004893	.004837	.004781	.004725	.004669	.004613
		.005253	.005204	.005154	.005103	.005052	.005000	.004948	.004895	.004842	.004789	.004736	.004683	.004629	.004576	.004523
		.005123	.005077	.005030	.004983	.004935	.004886	.004837	.004787	.004737	.004687	.004637	.004586	.004536	.004485	.004434
		.004996	.004953	.004910	.004866	.004820	.004775	.004729	.004682	.004635	.004587	.004540	.004492	.004444	.004395	.004347
6.0		.004872	.004833	.004792	.004751	.004709	.004666	.004622	.004578	.004534	.004489	.004444	.004399	.004353	.004307	.004262
		.004751	.004715	.004677	.004639	.004599	.004559	.004518	.004477	.004435	.004393	.004350	.004307	.004264	.004221	.004177
		.004634	.004600	.004565	.004529	.004492	.004455	.004417	.004378	.004339	.004299	.004258	.004218	.004177	.004136	.004095
		.004519	.004488	.004456	.004422	.004388	.004353	.004317	.004281	.004244	.004206	.004168	.004130	.004091	.004052	.004013
		.004407	.004379	.004349	.004318	.004286	.004253	.004220	.004186	.004151	.004116	.004080	.004044	.004007	.003970	.003933
6.5		.004299	.004272	.004245	.004216	.004187	.004156	.004125	.004093	.004060	.004027	.003993	.003959	.003925	.003890	.003855
		.004193	.004169	.004143	.004117	.004089	.004061	.004032	.004002	.003972	.003940	.003909	.003877	.003844	.003811	.003778
		.004090	.004067	.004044	.004020	.003994	.003968	.003941	.003913	.003885	.003855	.003826	.003795	.003765	.003733	.003702
		.003989	.003969	.003948	.003925	.003902	.003878	.003852	.003826	.003800	.003772	.003744	.003716	.003687	.003657	.003628
		.003892	.003873	.003854	.003833	.003812	.003789	.003766	.003741	.003717	.003691	.003665	.003638	.003611	.003583	.003555
7.0		.003796	.003780	.003762	.003743	.003723	.003703	.003681	.003659	.003635	.003611	.003587	.003562	.003536	.003510	.003483
		.003704	.003689	.003673	.003656	.003637	.003618	.003598	.003578	.003556	.003534	.003511	.003487	.003463	.003438	.003413
		.003614	.003600	.003586	.003570	.003554	.003536	.003518	.003498	.003478	.003458	.003436	.003414	.003391	.003368	.003345
		.003526	.003514	.003501	.003487	.003472	.003456	.003439	.003421	.003402	.003383	.003363	.003343	.003321	.003300	.003277
		.003441	.003430	.003419	.003406	.003392	.003377	.003362	.003345	.003328	.003310	.003292	.003273	.003253	.003232	.003212
7.5		.003358	.003348	.003338	.003327	.003314	.003301	.003287	.003272	.003256	.003239	.003222	.003204	.003186	.003167	.003147
		.003277	.003269	.003260	.003250	.003239	.003227	.003214	.003200	.003185	.003170	.003154	.003137	.003120	.003102	.003084
		.003198	.003192	.003184	.003175	.003165	.003154	.003142	.003129	.003116	.003102	.003087	.003072	.003056	.003039	.003022
		.003122	.003116	.003109	.003102	.003093	.003083	.003072	.003061	.003049	.003036	.003022	.003008	.002993	.002977	.002961
		.003048	.003043	.003037	.003030	.003023	.003014	.003004	.002994	.002983	.002971	.002958	.002945	.002931	.002917	.002902
8.0		.002975	.002972	.002967	.002961	.002954	.002946	.002938	.002929	.002918	.002908	.002896	.002884	.002871	.002858	.002844
		.002905	.002902	.002898	.002893	.002887	.002881	.002873	.002865	.002856	.002846	.002835	.002824	.002812	.002800	.002787
		.002836	.002834	.002831	.002827	.002822	.002817	.002810	.002803	.002794	.002785	.002776	.002765	.002754	.002743	.002731
		.002770	.002769	.002766	.002763	.002759	.002754	.002748	.002742	.002734	.002726	.002718	.002708	.002698	.002688	.002676
		.002705	.002705	.002703	.002701	.002697	.002693	.002688	.002683	.002676	.002669	.002661	.002652	.002643	.002633	.002623
8.5		.002642	.002642	.002642	.002640	.002637	.002634	.002630	.002625	.002619	.002613	.002605	.002598	.002589	.002580	.002571
		.002581	.002582	.002582	.002581	.002579	.002576	.002573	.002568	.002563	.002558	.002551	.002544	.002537	.002528	.002520
		.002521	.002523	.002523	.002523	.002522	.002520	.002517	.002513	.002509	.002504	.002498	.002492	.002485	.002478	.002470
		.002463	.002465	.002466	.002467	.002466	.002465	.002462	.002460	.002456	.002452	.002447	.002441	.002435	.002428	.002421
		.002407	.002409	.002411	.002412	.002412	.002411	.002409	.002407	.002404	.002401	.002396	.002391	.002386	.002380	.002373
9.0		.002352	.002355	.002357	.002358	.002359	.002359	.002358	.002356	.002354	.002351	.002347	.002343	.002338	.002332	.002326
		.002298	.002302	.002305	.002306	.002307	.002308	.002307	.002306	.002304	.002302	.002299	.002295	.002291	.002286	.002281
		.002246	.002250	.002253	.002256	.002257	.002258	.002258	.002258	.002256	.002254	.002252	.002249	.002245	.002241	.002236
		.002196	.002200	.002204	.002206	.002208	.002210	.002210	.002210	.002209	.002208	.002206	.002203	.002200	.002196	.002192
		.002147	.002151	.002155	.002158	.002161	.002162	.002163	.002164	.002163	.002163	.002161	.002159	.002156	.002153	.002149
9.5		.002099	.002104	.002108	.002112	.002114	.002116	.002118	.002119	.002119	.002118	.002117	.002115	.002113	.002111	.002107
		.002052	.002057	.002062	.002066	.002069	.002072	.002073	.002075	.002075	.002075	.002074	.002073	.002071	.002069	.002066
		.002007	.002012	.002017	.002021	.002025	.002028	.002030	.002032	.002032	.002033	.002033	.002032	.002030	.002029	.002026
		.001963	.001968	.001974	.001978	.001982	.001985	.001988	.001990	.001991	.001992	.001992	.001991	.001990	.001989	.001987
		.001919	.001926	.001931	.001936	.001940	.001944	.001946	.001949	.001950	.001951	.001952	.001952	.001951	.001950	.001949

		$H_r(r, z)$														
r		7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
z																
5.0		.005107 .005013 .004919 .004827 .004736	.005035 .004944 .004853 .004764 .004675	.004964 .004875 .004788 .004701 .004615	.004894 .004808 .004723 .004639 .004556	.004824 .004741 .004659 .004577 .004497	.004756 .004675 .004595 .004516 .004438	.004688 .004610 .004533 .004456 .004380	.004621 .004546 .004471 .004397 .004323	.004555 .004482 .004410 .004338 .004266	.004491 .004420 .004349 .004279 .004210	.004427 .004358 .004290 .004222 .004155	.004363 .004297 .004231 .004165 .004100	.004301 .004237 .004173 .004109 .004046	.004240 .004178 .004116 .004054 .003992	.004180 .004119 .004059 .003999 .003940
5.5		.004646 .004557 .004470 .004384 .004299	.004588 .004502 .004417 .004334 .004251	.004531 .004447 .004365 .004283 .004203	.004474 .004393 .004312 .004233 .004156	.004417 .004338 .004260 .004184 .004108	.004361 .004284 .004209 .004134 .004061	.004305 .004231 .004158 .004085 .004013	.004250 .004178 .004107 .004036 .003967	.004196 .004126 .004056 .003988 .003920	.004142 .004074 .004006 .003940 .003874	.004088 .004022 .003957 .003892 .003828	.004035 .003971 .003908 .003845 .003783	.003983 .003921 .003859 .003798 .003738	.003932 .003871 .003811 .003752 .003693	.003881 .003822 .003764 .003706 .003649
6.0		.004216 .004134 .004053 .003974 .003896	.004170 .004090 .004012 .003934 .003858	.004124 .004047 .003970 .003895 .003821	.004079 .004003 .003928 .003855 .003783	.004033 .003960 .003887 .003815 .003745	.003988 .003916 .003845 .003776 .003707	.003943 .003873 .003804 .003736 .003669	.003898 .003830 .003763 .003697 .003631	.003853 .003787 .003722 .003657 .003594	.003809 .003744 .003681 .003618 .003556	.003765 .003702 .003640 .003579 .003519	.003721 .003660 .003600 .003540 .003481	.003678 .003618 .003560 .003502 .003444	.003635 .003577 .003520 .003463 .003407	.003592 .003536 .003480 .003425 .003371
6.5		.003819 .003744 .003670 .003597 .003526	.003783 .003710 .003638 .003567 .003497	.003748 .003676 .003605 .003536 .003468	.003712 .003642 .003573 .003505 .003439	.003676 .003607 .003540 .003474 .003409	.003639 .003573 .003507 .003443 .003379	.003603 .003538 .003474 .003411 .003349	.003567 .003504 .003441 .003380 .003319	.003531 .003469 .003408 .003348 .003289	.003495 .003435 .003375 .003317 .003259	.003459 .003400 .003342 .003285 .003229	.003423 .003366 .003309 .003253 .003198	.003388 .003332 .003276 .003222 .003168	.003352 .003298 .003244 .003190 .003138	.003317 .003264 .003211 .003159 .003108
7.0		.003456 .003388 .003321 .003255 .003190	.003429 .003362 .003296 .003232 .003168	.003401 .003336 .003272 .003208 .003146	.003374 .003309 .003246 .003185 .003124	.003345 .003283 .003221 .003160 .003101	.003317 .003256 .003195 .003136 .003078	.003288 .003228 .003169 .003112 .003055	.003260 .003201 .003143 .003087 .003031	.003231 .003174 .003117 .003062 .003007	.003202 .003146 .003091 .003037 .002983	.003173 .003118 .003064 .003011 .002959	.003144 .003091 .003038 .002986 .002935	.003115 .003063 .003011 .002960 .002910	.003086 .003035 .002985 .002935 .002886	.003057 .003007 .002958 .002909 .002861
7.5		.003127 .003065 .003004 .002945 .002886	.003106 .003046 .002986 .002928 .002870	.003086 .003026 .002967 .002910 .002854	.003064 .003006 .002948 .002892 .002837	.003043 .002985 .002929 .002874 .002820	.003021 .002965 .002909 .002855 .002802	.002999 .002943 .002889 .002836 .002784	.002976 .002922 .002869 .002817 .002766	.002953 .002901 .002849 .002798 .002747	.002931 .002879 .002828 .002778 .002729	.002907 .002857 .002807 .002758 .002710	.002884 .002835 .002786 .002738 .002691	.002861 .002812 .002765 .002718 .002671	.002838 .002790 .002743 .002697 .002652	.002814 .002768 .002722 .002676 .002632
8.0		.002829 .002773 .002718 .002665 .002612	.002814 .002759 .002705 .002653 .002601	.002799 .002745 .002692 .002640 .002589	.002783 .002730 .002678 .002627 .002577	.002767 .002714 .002663 .002613 .002564	.002750 .002699 .002649 .002599 .002551	.002733 .002683 .002633 .002585 .002538	.002716 .002666 .002618 .002570 .002524	.002698 .002650 .002602 .002556 .002510	.002680 .002633 .002586 .002540 .002495	.002662 .002616 .002570 .002525 .002481	.002644 .002598 .002553 .002509 .002466	.002626 .002581 .002537 .002493 .002451	.002607 .002563 .002520 .002477 .002435	.002588 .002545 .002503 .002461 .002420
8.5		.002561 .002510 .002461 .002413 .002366	.002550 .002501 .002452 .002405 .002358	.002539 .002490 .002443 .002396 .002350	.002528 .002480 .002433 .002387 .002342	.002516 .002469 .002422 .002377 .002333	.002504 .002457 .002412 .002367 .002323	.002491 .002445 .002400 .002357 .002313	.002478 .002433 .002389 .002346 .002303	.002465 .002421 .002377 .002335 .002293	.002451 .002408 .002365 .002323 .002282	.002437 .002394 .002353 .002311 .002271	.002423 .002381 .002340 .002299 .002260	.002409 .002367 .002327 .002287 .002248	.002394 .002353 .002314 .002274 .002236	.002379 .002339 .002300 .002262 .002224
9.0		.002320 .002275 .002230 .002187 .002145	.002313 .002268 .002225 .002182 .002140	.002305 .002261 .002218 .002176 .002135	.002297 .002254 .002212 .002170 .002129	.002289 .002246 .002205 .002164 .002123	.002280 .002238 .002197 .002157 .002117	.002271 .002230 .002189 .002149 .002110	.002262 .002221 .002181 .002142 .002103	.002252 .002212 .002172 .002133 .002095	.002242 .002202 .002163 .002125 .002088	.002231 .002192 .002154 .002116 .002079	.002220 .002182 .002144 .002107 .002071	.002209 .002172 .002135 .002098 .002062	.002198 .002161 .002124 .002088 .002053	.002187 .002150 .002114 .002079 .002044
9.5		.002104 .002063 .002024 .001985 .001947	.002099 .002059 .002020 .001982 .001945	.002095 .002055 .002017 .001979 .001942	.002090 .002051 .002012 .001975 .001938	.002084 .002046 .002008 .001971 .001935	.002078 .002040 .002003 .001966 .001931	.002072 .002034 .001998 .001962 .001926	.002065 .002028 .001992 .001956 .001921	.002058 .002022 .001986 .001951 .001916	.002051 .002015 .001980 .001945 .001911	.002043 .002008 .001973 .001939 .001905	.002035 .002000 .001966 .001932 .001899	.002027 .001993 .001959 .001925 .001893	.002019 .001985 .001951 .001918 .001886	.002010 .001976 .001943 .001911 .001879

		H _r (r, z)														
z	r	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
5.0		.004121	.004062	.004005	.003948	.003893	.003838	.003784	.003731	.003679	.003628	.003578	.003528	.003480	.003432	.003385
		.004062	.004005	.003950	.003895	.003841	.003788	.003735	.003684	.003633	.003583	.003534	.003486	.003439	.003392	.003346
		.004004	.003949	.003895	.003842	.003789	.003738	.003687	.003637	.003587	.003539	.003491	.003444	.003398	.003352	.003308
		.003945	.003892	.003840	.003788	.003738	.003687	.003638	.003590	.003542	.003494	.003448	.003402	.003357	.003313	.003269
		.003888	.003836	.003786	.003736	.003686	.003638	.003590	.003543	.003496	.003450	.003405	.003360	.003317	.003273	.003231
5.5		.003830	.003781	.003731	.003683	.003635	.003588	.003542	.003496	.003450	.003406	.003362	.003319	.003276	.003234	.003193
		.003773	.003725	.003678	.003631	.003584	.003539	.003494	.003449	.003405	.003362	.003319	.003277	.003236	.003195	.003154
		.003717	.003670	.003624	.003579	.003534	.003490	.003446	.003403	.003360	.003318	.003277	.003236	.003195	.003155	.003116
		.003660	.003616	.003571	.003527	.003484	.003441	.003398	.003357	.003315	.003274	.003234	.003194	.003155	.003116	.003078
		.003605	.003561	.003518	.003476	.003434	.003392	.003351	.003311	.003271	.003231	.003192	.003153	.003115	.003077	.003040
6.0		.003550	.003508	.003466	.003425	.003384	.003344	.003304	.003265	.003226	.003188	.003150	.003112	.003075	.003038	.003002
		.003495	.003454	.003414	.003375	.003335	.003296	.003258	.003220	.003182	.003145	.003108	.003071	.003035	.003000	.002965
		.003441	.003402	.003363	.003325	.003287	.003249	.003212	.003175	.003138	.003102	.003066	.003031	.002996	.002961	.002927
		.003387	.003349	.003312	.003275	.003238	.003202	.003166	.003130	.003095	.003060	.003025	.002991	.002957	.002923	.002890
		.003334	.003298	.003262	.003226	.003190	.003155	.003120	.003086	.003052	.003018	.002984	.002951	.002918	.002885	.002853
6.5		.003282	.003247	.003212	.003177	.003143	.003109	.003075	.003042	.003009	.002976	.002943	.002911	.002879	.002847	.002816
		.003230	.003196	.003162	.003129	.003096	.003063	.003031	.002998	.002966	.002934	.002903	.002872	.002841	.002810	.002779
		.003178	.003146	.003114	.003082	.003050	.003018	.002986	.002955	.002924	.002893	.002863	.002832	.002802	.002773	.002743
		.003128	.003096	.003065	.003034	.003004	.002973	.002943	.002912	.002882	.002853	.002823	.002794	.002765	.002736	.002707
		.003078	.003048	.003018	.002988	.002958	.002929	.002899	.002870	.002841	.002812	.002784	.002755	.002727	.002699	.002671
7.0		.003028	.002999	.002970	.002942	.002913	.002885	.002856	.002828	.002800	.002772	.002745	.002717	.002690	.002663	.002636
		.002979	.002952	.002924	.002896	.002869	.002841	.002814	.002787	.002760	.002733	.002706	.002679	.002653	.002627	.002601
		.002931	.002905	.002878	.002851	.002825	.002798	.002772	.002746	.002720	.002694	.002668	.002642	.002616	.002591	.002566
		.002884	.002858	.002832	.002807	.002781	.002756	.002730	.002705	.002680	.002655	.002630	.002605	.002580	.002555	.002531
		.002837	.002812	.002788	.002763	.002738	.002714	.002689	.002665	.002641	.002616	.002592	.002568	.002544	.002520	.002497
7.5		.002791	.002767	.002743	.002720	.002696	.002672	.002649	.002625	.002602	.002578	.002555	.002532	.002509	.002486	.002463
		.002745	.002722	.002700	.002677	.002654	.002631	.002609	.002586	.002563	.002541	.002518	.002496	.002473	.002451	.002429
		.002700	.002678	.002657	.002635	.002613	.002591	.002569	.002547	.002526	.002504	.002482	.002460	.002439	.002417	.002396
		.002656	.002635	.002614	.002593	.002572	.002551	.002530	.002509	.002488	.002467	.002446	.002425	.002404	.002383	.002363
		.002612	.002592	.002572	.002552	.002532	.002512	.002492	.002471	.002451	.002431	.002411	.002390	.002370	.002350	.002330
8.0		.002569	.002550	.002531	.002512	.002492	.002473	.002453	.002434	.002415	.002395	.002375	.002356	.002337	.002317	.002298
		.002527	.002509	.002490	.002472	.002453	.002435	.002416	.002397	.002378	.002360	.002341	.002322	.002303	.002284	.002266
		.002485	.002468	.002450	.002432	.002415	.002397	.002379	.002361	.002343	.002325	.002307	.002288	.002270	.002252	.002234
		.002444	.002428	.002411	.002394	.002377	.002360	.002342	.002325	.002308	.002290	.002273	.002255	.002238	.002220	.002203
		.002404	.002388	.002372	.002356	.002339	.002323	.002306	.002290	.002273	.002256	.002239	.002223	.002206	.002189	.002172
8.5		.002364	.002349	.002333	.002318	.002302	.002287	.002271	.002255	.002239	.002223	.002206	.002190	.002174	.002158	.002141
		.002325	.002310	.002296	.002281	.002266	.002251	.002236	.002220	.002205	.002189	.002174	.002158	.002143	.002127	.002111
		.002287	.002273	.002259	.002244	.002230	.002216	.002201	.002186	.002172	.002157	.002142	.002127	.002112	.002097	.002081
		.002249	.002235	.002222	.002209	.002195	.002181	.002167	.002153	.002139	.002124	.002110	.002096	.002081	.002067	.002052
		.002211	.002199	.002186	.002173	.002160	.002147	.002133	.002120	.002106	.002093	.002079	.002065	.002051	.002037	.002023
9.0		.002175	.002163	.002151	.002138	.002126	.002113	.002100	.002087	.002074	.002061	.002048	.002035	.002021	.002008	.001994
		.002139	.002127	.002116	.002104	.002092	.002080	.002068	.002055	.002043	.002030	.002018	.002005	.001992	.001979	.001966
		.002103	.002093	.002082	.002070	.002059	.002047	.002036	.002024	.002012	.002000	.001988	.001975	.001963	.001950	.001938
		.002069	.002058	.002048	.002037	.002026	.002015	.002004	.001993	.001981	.001970	.001958	.001946	.001934	.001922	.001910
		.002034	.002025	.002015	.002005	.001994	.001984	.001973	.001962	.001951	.001940	.001929	.001918	.001906	.001895	.001883
9.5		.002001	.001992	.001982	.001972	.001963	.001953	.001942	.001932	.001922	.001911	.001900	.001889	.001878	.001867	.001856
		.001968	.001959	.001950	.001941	.001932	.001922	.001912	.001902	.001892	.001882	.001872	.001861	.001851	.001840	.001830
		.001935	.001927	.001919	.001910	.001901	.001892	.001883	.001873	.001864	.001854	.001844	.001834	.001824	.001814	.001803
		.001903	.001896	.001888	.001879	.001871	.001862	.001853	.001844	.001835	.001826	.001817	.001807	.001797	.001788	.001778
		.001872	.001865	.001857	.001849	.001841	.001833	.001825	.001816	.001807	.001798	.001789	.001780	.001771	.001762	.001752

		$H_z(r,z)$															
	r	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	
z																	
-10.0		1.995037	1.995038	1.995040	1.995044	1.995049	1.995055	1.995063	1.995073	1.995084	1.995096	.995109	-.004876	-.004859	-.004842	-.004823	
		1.994937	1.994938	1.994940	1.994944	1.994949	1.994956	1.994964	1.994974	1.994986	1.994998	.995012	-.004972	-.004955	-.004937	-.004917	
		1.994834	1.994835	1.994837	1.994841	1.994847	1.994854	1.994863	1.994873	1.994884	1.994898	.994912	-.005071	-.005054	-.005035	-.005014	
		1.994728	1.994729	1.994731	1.994735	1.994741	1.994748	1.994757	1.994768	1.994780	1.994794	.994809	-.005174	-.005155	-.005136	-.005114	
		1.994618	1.994619	1.994622	1.994626	1.994632	1.994640	1.994649	1.994660	1.994673	1.994687	.994703	-.005279	-.005260	-.005239	-.005217	
-9.5		1.994505	1.994506	1.994509	1.994514	1.994520	1.994528	1.994538	1.994549	1.994562	1.994577	.994594	-.005388	-.005368	-.005347	-.005323	
		1.994389	1.994390	1.994393	1.994397	1.994404	1.994412	1.994422	1.994434	1.994448	1.994464	.994481	-.005500	-.005479	-.005457	-.005433	
		1.994269	1.994270	1.994273	1.994277	1.994284	1.994293	1.994304	1.994316	1.994330	1.994347	.994365	-.005615	-.005594	-.005571	-.005546	
		1.994144	1.994145	1.994149	1.994154	1.994161	1.994170	1.994181	1.994194	1.994209	1.994226	.994245	-.005735	-.005712	-.005688	-.005662	
		1.994016	1.994017	1.994020	1.994026	1.994033	1.994043	1.994054	1.994068	1.994084	1.994101	.994121	-.005858	-.005834	-.005809	-.005782	
-9.0		1.993884	1.993885	1.993888	1.993894	1.993901	1.993911	1.993923	1.993938	1.993954	1.993972	.993993	-.005985	-.005960	-.005934	-.005905	
		1.993747	1.993748	1.993751	1.993757	1.993765	1.993776	1.993788	1.993803	1.993820	1.993840	.993861	-.006116	-.006090	-.006062	-.006033	
		1.993605	1.993606	1.993610	1.993616	1.993625	1.993635	1.993649	1.993664	1.993682	1.993702	.993725	-.006251	-.006224	-.006195	-.006164	
		1.993459	1.993460	1.993464	1.993470	1.993479	1.993490	1.993504	1.993520	1.993539	1.993560	.993584	-.006391	-.006363	-.006333	-.006300	
		1.993307	1.993309	1.993313	1.993319	1.993329	1.993340	1.993355	1.993372	1.993391	1.993413	.993438	-.006535	-.006506	-.006475	-.006441	
-8.5		1.993151	1.993152	1.993156	1.993163	1.993173	1.993185	1.993200	1.993218	1.993239	1.993262	.993287	-.006685	-.006654	-.006621	-.006586	
		1.992988	1.992990	1.992994	1.993001	1.993011	1.993024	1.993040	1.993059	1.993080	1.993104	.993131	-.006839	-.006807	-.006773	-.006736	
		1.992820	1.992822	1.992826	1.992834	1.992844	1.992858	1.992875	1.992894	1.992917	1.992942	.992970	-.006999	-.006966	-.006930	-.006891	
		1.992646	1.992647	1.992652	1.992660	1.992671	1.992686	1.992703	1.992724	1.992747	1.992774	.992803	-.007165	-.007130	-.007092	-.007051	
		1.992465	1.992467	1.992472	1.992480	1.992492	1.992507	1.992525	1.992547	1.992571	1.992599	.992630	-.007336	-.007299	-.007260	-.007217	
-8.0		1.992278	1.992280	1.992285	1.992294	1.992306	1.992322	1.992341	1.992363	1.992389	1.992418	.992451	-.007514	-.007475	-.007434	-.007389	
		1.992083	1.992085	1.992091	1.992100	1.992113	1.992130	1.992150	1.992173	1.992200	1.992231	.992265	-.007698	-.007657	-.007614	-.007567	
		1.991882	1.991884	1.991889	1.991899	1.991913	1.991930	1.991951	1.991976	1.992005	1.992037	.992072	-.007888	-.007846	-.007800	-.007751	
		1.991672	1.991674	1.991680	1.991690	1.991705	1.991723	1.991745	1.991771	1.991801	1.991835	.991873	-.008086	-.008042	-.007994	-.007942	
		1.991454	1.991456	1.991463	1.991474	1.991489	1.991508	1.991531	1.991559	1.991590	1.991626	.991665	-.008291	-.008245	-.008194	-.008140	
-7.5		1.991228	1.991230	1.991237	1.991248	1.991264	1.991284	1.991309	1.991338	1.991371	1.991409	.991450	-.008505	-.008455	-.008402	-.008345	
		1.990992	1.990995	1.991002	1.991014	1.991031	1.991052	1.991078	1.991108	1.991143	1.991183	.991226	-.008726	-.008674	-.008618	-.008558	
		1.990747	1.990750	1.990757	1.990770	1.990788	1.990810	1.990837	1.990870	1.990906	1.990948	.990994	-.008956	-.008901	-.008842	-.008779	
		1.990492	1.990495	1.990503	1.990516	1.990535	1.990558	1.990587	1.990621	1.990660	1.990704	.990752	-.009194	-.009137	-.009075	-.009009	
		1.990227	1.990229	1.990238	1.990252	1.990271	1.990296	1.990327	1.990363	1.990404	1.990450	.990501	-.009443	-.009382	-.009317	-.009247	
-7.0		1.989949	1.989952	1.989961	1.989976	1.989997	1.990023	1.990055	1.990093	1.990137	1.990185	.990239	-.009701	-.009637	-.009568	-.009495	
		1.989661	1.989664	1.989673	1.989689	1.989711	1.989739	1.989773	1.989813	1.989858	1.989910	.989967	-.009970	-.009903	-.009830	-.009752	
		1.989359	1.989362	1.989372	1.989389	1.989412	1.989442	1.989478	1.989520	1.989569	1.989623	.989683	-.010251	-.010179	-.010102	-.010020	
		1.989044	1.989048	1.989058	1.989076	1.989100	1.989132	1.989170	1.989215	1.989266	1.989324	.989388	-.010543	-.010467	-.010386	-.010299	
		1.988716	1.988719	1.988730	1.988749	1.988775	1.988808	1.988849	1.988896	1.988950	1.989012	.989079	-.010847	-.010767	-.010681	-.010589	
-6.5		1.988372	1.988376	1.988388	1.988407	1.988435	1.988470	1.988513	1.988563	1.988621	1.988686	.988757	-.011164	-.011080	-.010989	-.010892	
		1.988012	1.988016	1.988029	1.988050	1.988079	1.988117	1.988162	1.988215	1.988277	1.988345	.988421	-.011496	-.011406	-.011310	-.011207	
		1.987636	1.987640	1.987653	1.987676	1.987707	1.987747	1.987795	1.987852	1.987917	1.987989	.988070	-.011842	-.011746	-.011644	-.011536	
		1.987241	1.987246	1.987260	1.987284	1.987317	1.987359	1.987411	1.987471	1.987540	1.987617	.987703	-.012203	-.012102	-.011994	-.011878	
		1.986828	1.986833	1.986848	1.986873	1.986908	1.986953	1.987008	1.987072	1.987146	1.987228	.987319	-.012581	-.012474	-.012359	-.012236	
-6.0		1.986394	1.986399	1.986416	1.986442	1.986480	1.986528	1.986586	1.986655	1.986733	1.986820	.986917	-.012977	-.012863	-.012740	-.012610	
		1.985939	1.985944	1.985962	1.985990	1.986030	1.986082	1.986144	1.986217	1.986300	1.986393	.986497	-.013391	-.013269	-.013139	-.013001	
		1.985460	1.985466	1.985485	1.985515	1.985558	1.985613	1.985679	1.985757	1.985846	1.985946	.986056	-.013824	-.013695	-.013556	-.013409	
		1.984957	1.984964	1.984983	1.985016	1.985062	1.985120	1.985191	1.985274	1.985369	1.985476	.985593	-.014279	-.014141	-.013993	-.013836	
		1.984428	1.984435	1.984456	1.984491	1.984540	1.984602	1.984678	1.984767	1.984868	1.984982	.985108	-.014756	-.014608	-.014451	-.014283	
-5.5		1.983870	1.983877	1.983900	1.983938	1.983990	1.984057	1.984138	1.984233	1.984342	1.984464	.984598	-.015256	-.015098	-.014930	-.014752	
		1.983282	1.983290	1.983314	1.983355	1.983411	1.983483	1.983570	1.983672	1.983788	1.983919	.984062	-.015781	-.015613	-.015433	-.015243	
		1.982662	1.982670	1.982696	1.982740	1.982800	1.982877	1.982971	1.983080	1.983205	1.983345	.983499	-.016334	-.016154	-.015961	-.015757	
		1.982006	1.982016	1.982044	1.982090	1.982155	1.982238	1.982339	1.982456	1.982590	1.982740	.982905	-.016915	-.016722	-.016516	-.016298	
		1.981314	1.981324	1.981354	1.981404	1.981474	1.981563	1.981671	1.981798	1.981942	1.982103	.982281	-.017527	-.017319	-.017098	-.016865

$H_z(r, z)$															
r	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
z															
-10.0	-.004803 -.004896 -.004993 -.005092 -.005194	-.004781 -.004874 -.004969 -.005068 -.005169	-.004759 -.004850 -.004945 -.005042 -.005142	-.004735 -.004826 -.004919 -.005016 -.005115	-.004710 -.004800 -.004892 -.004988 -.005085	-.004684 -.004773 -.004864 -.004958 -.005055	-.004657 -.004745 -.004835 -.004928 -.005023	-.004628 -.004715 -.004805 -.004896 -.004991	-.004599 -.004685 -.004773 -.004864 -.004957	-.004569 -.004654 -.004741 -.004830 -.004922	-.004538 -.004621 -.004707 -.004795 -.004885	-.004506 -.004588 -.004673 -.004759 -.004848	-.004473 -.004554 -.004637 -.004723 -.004810	-.004440 -.004519 -.004601 -.004685 -.004771	-.004405 -.004484 -.004564 -.004647 -.004731
-9.5	-.005299 -.005407 -.005519 -.005634 -.005753	-.005273 -.005380 -.005491 -.005604 -.005722	-.005245 -.005351 -.005461 -.005573 -.005690	-.005216 -.005321 -.005429 -.005541 -.005655	-.005186 -.005290 -.005397 -.005507 -.005620	-.005155 -.005257 -.005362 -.005471 -.005583	-.005122 -.005223 -.005327 -.005434 -.005544	-.005088 -.005187 -.005290 -.005395 -.005504	-.005052 -.005151 -.005252 -.005356 -.005463	-.005016 -.005113 -.005212 -.005315 -.005420	-.004978 -.005074 -.005172 -.005273 -.005376	-.004940 -.005034 -.005130 -.005229 -.005331	-.004900 -.004993 -.005087 -.005185 -.005285	-.004860 -.004950 -.005044 -.005139 -.005238	-.004818 -.004907 -.004999 -.005093 -.005190
-9.0	-.005875 -.006001 -.006131 -.006266 -.006405	-.005843 -.005968 -.006097 -.006230 -.006367	-.005809 -.005933 -.006060 -.006191 -.006327	-.005774 -.005896 -.006021 -.006151 -.006285	-.005737 -.005857 -.005981 -.006109 -.006241	-.005698 -.005817 -.005939 -.006065 -.006195	-.005658 -.005775 -.005895 -.006019 -.006147	-.005616 -.005731 -.005850 -.005972 -.006098	-.005573 -.005686 -.005803 -.005923 -.006047	-.005529 -.005640 -.005755 -.005873 -.005995	-.005483 -.005593 -.005705 -.005822 -.005941	-.005436 -.005544 -.005655 -.005769 -.005886	-.005388 -.005494 -.005603 -.005714 -.005829	-.005339 -.005443 -.005549 -.005659 -.005772	-.005289 -.005391 -.005495 -.005603 -.005713
-8.5	-.006548 -.006697 -.006850 -.007008 -.007172	-.006509 -.006655 -.006806 -.006963 -.007125	-.006467 -.006611 -.006761 -.006915 -.007074	-.006423 -.006565 -.006712 -.006865 -.007022	-.006377 -.006517 -.006662 -.006812 -.006967	-.006329 -.006467 -.006610 -.006757 -.006910	-.006279 -.006415 -.006556 -.006701 -.006850	-.006228 -.006362 -.006500 -.006642 -.006789	-.006175 -.006306 -.006442 -.006582 -.006726	-.006120 -.006249 -.006383 -.006520 -.006661	-.006064 -.006191 -.006321 -.006456 -.006595	-.006007 -.006131 -.006259 -.006391 -.006526	-.005948 -.006070 -.006195 -.006324 -.006457	-.005888 -.006007 -.006130 -.006256 -.006386	-.005827 -.005943 -.006063 -.006187 -.006314
-8.0	-.007342 -.007517 -.007699 -.007888 -.008083	-.007292 -.007465 -.007644 -.007830 -.008022	-.007239 -.007410 -.007586 -.007769 -.007959	-.007184 -.007352 -.007526 -.007706 -.007892	-.007127 -.007292 -.007463 -.007640 -.007822	-.007067 -.007229 -.007397 -.007571 -.007750	-.007005 -.007164 -.007329 -.007500 -.007676	-.006941 -.007097 -.007259 -.007426 -.007599	-.006875 -.007028 -.007187 -.007350 -.007519	-.006807 -.006957 -.007113 -.007273 -.007438	-.006737 -.006885 -.007037 -.007193 -.007355	-.006666 -.006810 -.006959 -.007112 -.007270	-.006594 -.006734 -.006880 -.007029 -.007183	-.006520 -.006657 -.006799 -.006945 -.007095	-.006444 -.006579 -.006717 -.006859 -.007005
-7.5	-.008285 -.008495 -.008713 -.008939 -.009173	-.008221 -.008428 -.008642 -.008864 -.009095	-.008155 -.008358 -.008568 -.008787 -.009013	-.008085 -.008284 -.008491 -.008705 -.008928	-.008012 -.008208 -.008411 -.008621 -.008839	-.007936 -.008128 -.008327 -.008533 -.008747	-.007858 -.008046 -.008241 -.008443 -.008651	-.007777 -.007961 -.008152 -.008349 -.008553	-.007694 -.007874 -.008061 -.008253 -.008453	-.007609 -.007785 -.007967 -.008155 -.008350	-.007522 -.007694 -.007871 -.008055 -.008244	-.007433 -.007601 -.007774 -.007953 -.008137	-.007342 -.007506 -.007674 -.007848 -.008028	-.007250 -.007409 -.007573 -.007743 -.007917	-.007156 -.007311 -.007471 -.007636 -.007805
-7.0	-.009417 -.009670 -.009933 -.010207 -.010492	-.009335 -.009583 -.009842 -.010111 -.010390	-.009248 -.009493 -.009746 -.010010 -.010284	-.009158 -.009398 -.009646 -.009904 -.010172	-.009065 -.009299 -.009542 -.009795 -.010057	-.008968 -.009197 -.009435 -.009681 -.009937	-.008868 -.009092 -.009324 -.009565 -.009814	-.008765 -.008983 -.009210 -.009444 -.009688	-.008659 -.008872 -.009093 -.009321 -.009558	-.008551 -.008758 -.008973 -.009196 -.009426	-.008440 -.008642 -.008851 -.009067 -.009291	-.008328 -.008524 -.008727 -.008937 -.009154	-.008213 -.008404 -.008601 -.008805 -.009015	-.008097 -.008283 -.008474 -.008671 -.008874	-.007980 -.008160 -.008345 -.008536 -.008733
-6.5	-.010789 -.011098 -.011421 -.011757 -.012107	-.010681 -.010984 -.011300 -.011629 -.011971	-.010569 -.010865 -.011173 -.011495 -.011829	-.010451 -.010741 -.011042 -.011356 -.011682	-.010329 -.010612 -.010906 -.011211 -.011529	-.010203 -.010479 -.010765 -.011063 -.011372	-.010073 -.010341 -.010620 -.010910 -.011210	-.009940 -.010201 -.010472 -.010753 -.011044	-.009803 -.010057 -.010320 -.010593 -.010875	-.009664 -.009910 -.010165 -.010429 -.010703	-.009522 -.009761 -.010008 -.010264 -.010528	-.009378 -.009609 -.009848 -.010096 -.010351	-.009232 -.009456 -.009687 -.009926 -.010172	-.009084 -.009301 -.009524 -.009754 -.009992	-.008935 -.009144 -.009360 -.009582 -.009811
-6.0	-.012473 -.012855 -.013254 -.013671 -.014107	-.012329 -.012702 -.013091 -.013498 -.013923	-.012178 -.012542 -.012921 -.013318 -.013731	-.012022 -.012376 -.012745 -.013130 -.013532	-.011860 -.012205 -.012563 -.012937 -.013327	-.011694 -.012028 -.012376 -.012739 -.013116	-.011522 -.011847 -.012184 -.012535 -.012900	-.011347 -.011662 -.011988 -.012327 -.012680	-.011169 -.011473 -.011788 -.012116 -.012456	-.010987 -.011281 -.011585 -.011901 -.012228	-.010802 -.011086 -.011380 -.011684 -.011998	-.010616 -.010889 -.011172 -.011464 -.011767	-.010427 -.010690 -.010962 -.011243 -.011533	-.010237 -.010490 -.010752 -.011021 -.011299	-.010047 -.010290 -.010540 -.010798 -.011064
-5.5	-.014564 -.015042 -.015543 -.016069 -.016620	-.014368 -.014833 -.015320 -.015829 -.016364	-.014163 -.014615 -.015087 -.015581 -.016098	-.013951 -.014389 -.014847 -.015325 -.015824	-.013733 -.014157 -.014599 -.015061 -.015543	-.013509 -.013919 -.014345 -.014791 -.015255	-.013280 -.013675 -.014086 -.014515 -.014961	-.013046 -.013427 -.013823 -.014235 -.014663	-.012808 -.013175 -.013555 -.013950 -.014361	-.012568 -.012920 -.013285 -.013663 -.014056	-.012324 -.012662 -.013012 -.013374 -.013750	-.012079 -.012403 -.012738 -.013084 -.013442	-.011833 -.012143 -.012462 -.012793 -.013134	-.011586 -.011882 -.012187 -.012501 -.012826	-.011338 -.011621 -.011912 -.012211 -.012519

		$H_z(r, z)$														
r	z	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
-10.0		-.004370	-.004334	-.004297	-.004260	-.004222	-.004184	-.004145	-.004106	-.004066	-.004026	-.003985	-.003944	-.003903	-.003862	-.003820
		-.004447	-.004410	-.004372	-.004333	-.004294	-.004254	-.004214	-.004174	-.004132	-.004091	-.004049	-.004007	-.003964	-.003921	-.003878
		-.004526	-.004488	-.004448	-.004408	-.004368	-.004327	-.004285	-.004243	-.004200	-.004157	-.004114	-.004070	-.004026	-.003982	-.003938
		-.004607	-.004567	-.004527	-.004485	-.004443	-.004401	-.004358	-.004314	-.004270	-.004225	-.004181	-.004135	-.004090	-.004044	-.003998
		-.004691	-.004649	-.004607	-.004564	-.004520	-.004476	-.004432	-.004387	-.004341	-.004295	-.004249	-.004202	-.004155	-.004108	-.004060
-9.5		-.004776	-.004733	-.004689	-.004645	-.004600	-.004554	-.004508	-.004461	-.004414	-.004366	-.004318	-.004270	-.004221	-.004172	-.004123
		-.004864	-.004819	-.004774	-.004727	-.004681	-.004633	-.004585	-.004537	-.004488	-.004439	-.004389	-.004339	-.004289	-.004238	-.004188
		-.004954	-.004907	-.004860	-.004812	-.004764	-.004715	-.004665	-.004615	-.004564	-.004513	-.004462	-.004410	-.004358	-.004306	-.004253
		-.005046	-.004998	-.004949	-.004899	-.004849	-.004798	-.004746	-.004694	-.004642	-.004589	-.004536	-.004482	-.004429	-.004375	-.004320
		-.005140	-.005090	-.005040	-.004988	-.004936	-.004883	-.004830	-.004776	-.004721	-.004667	-.004612	-.004556	-.004501	-.004445	-.004389
-9.0		-.005238	-.005186	-.005133	-.005079	-.005025	-.004970	-.004915	-.004859	-.004803	-.004746	-.004689	-.004632	-.004574	-.004516	-.004458
		-.005337	-.005284	-.005229	-.005173	-.005117	-.005060	-.005002	-.004944	-.004886	-.004827	-.004768	-.004709	-.004649	-.004589	-.004530
		-.005440	-.005384	-.005327	-.005269	-.005211	-.005152	-.005092	-.005032	-.004971	-.004910	-.004849	-.004788	-.004726	-.004664	-.004602
		-.005545	-.005487	-.005428	-.005368	-.005307	-.005246	-.005184	-.005121	-.005058	-.004995	-.004932	-.004868	-.004804	-.004740	-.004676
		-.005653	-.005593	-.005531	-.005469	-.005406	-.005342	-.005278	-.005213	-.005148	-.005082	-.005016	-.004950	-.004884	-.004818	-.004751
-8.5		-.005764	-.005701	-.005637	-.005572	-.005507	-.005441	-.005374	-.005307	-.005239	-.005171	-.005103	-.005034	-.004966	-.004897	-.004828
		-.005879	-.005813	-.005746	-.005679	-.005611	-.005542	-.005472	-.005403	-.005332	-.005262	-.005191	-.005120	-.005049	-.004978	-.004907
		-.005996	-.005927	-.005858	-.005788	-.005717	-.005645	-.005573	-.005501	-.005428	-.005355	-.005281	-.005208	-.005134	-.005060	-.004987
		-.006116	-.006045	-.005973	-.005900	-.005826	-.005752	-.005677	-.005601	-.005526	-.005450	-.005373	-.005297	-.005221	-.005144	-.005068
		-.006240	-.006166	-.006091	-.006015	-.005938	-.005861	-.005783	-.005704	-.005626	-.005547	-.005468	-.005388	-.005309	-.005230	-.005151
-8.0		-.006368	-.006290	-.006212	-.006133	-.006053	-.005972	-.005891	-.005810	-.005728	-.005646	-.005564	-.005482	-.005400	-.005318	-.005236
		-.006499	-.006418	-.006336	-.006254	-.006171	-.006087	-.006002	-.005918	-.005833	-.005748	-.005662	-.005577	-.005492	-.005407	-.005322
		-.006634	-.006549	-.006464	-.006378	-.006291	-.006204	-.006116	-.006028	-.005940	-.005851	-.005763	-.005674	-.005586	-.005498	-.005410
		-.006772	-.006684	-.006595	-.006506	-.006415	-.006325	-.006233	-.006142	-.006050	-.005958	-.005866	-.005774	-.005682	-.005590	-.005499
		-.006915	-.006823	-.006730	-.006637	-.006543	-.006448	-.006353	-.006257	-.006162	-.006066	-.005971	-.005875	-.005780	-.005685	-.005590
-7.5		-.007061	-.006966	-.006869	-.006771	-.006673	-.006574	-.006475	-.006376	-.006277	-.006177	-.006078	-.005979	-.005880	-.005781	-.005683
		-.007212	-.007112	-.007011	-.006909	-.006807	-.006704	-.006601	-.006498	-.006394	-.006291	-.006187	-.006084	-.005982	-.005879	-.005778
		-.007368	-.007263	-.007157	-.007051	-.006944	-.006837	-.006730	-.006622	-.006514	-.006407	-.006299	-.006192	-.006085	-.005979	-.005874
		-.007527	-.007418	-.007308	-.007197	-.007085	-.006974	-.006861	-.006749	-.006637	-.006525	-.006413	-.006302	-.006191	-.006081	-.005972
		-.007692	-.007577	-.007462	-.007346	-.007230	-.007113	-.006996	-.006880	-.006763	-.006646	-.006530	-.006414	-.006299	-.006185	-.006071
-7.0		-.007861	-.007741	-.007621	-.007500	-.007378	-.007257	-.007135	-.007013	-.006891	-.006770	-.006649	-.006529	-.006409	-.006290	-.006172
		-.008035	-.007910	-.007784	-.007658	-.007531	-.007404	-.007276	-.007149	-.007022	-.006896	-.006770	-.006645	-.006521	-.006398	-.006275
		-.008215	-.008084	-.007952	-.007820	-.007687	-.007554	-.007421	-.007289	-.007157	-.007025	-.006894	-.006764	-.006635	-.006507	-.006380
		-.008399	-.008262	-.008124	-.007986	-.007847	-.007709	-.007570	-.007432	-.007294	-.007157	-.007020	-.006885	-.006751	-.006618	-.006486
		-.008590	-.008446	-.008301	-.008157	-.008012	-.007867	-.007722	-.007578	-.007434	-.007291	-.007149	-.007008	-.006869	-.006730	-.006593
-6.5		-.008785	-.008635	-.008483	-.008332	-.008180	-.008029	-.007878	-.007727	-.007577	-.007428	-.007280	-.007134	-.006989	-.006845	-.006703
		-.008987	-.008829	-.008671	-.008512	-.008353	-.008195	-.008037	-.007880	-.007723	-.007568	-.007414	-.007262	-.007110	-.006961	-.006813
		-.009195	-.009029	-.008863	-.008696	-.008530	-.008365	-.008200	-.008036	-.007873	-.007711	-.007550	-.007391	-.007234	-.007079	-.006925
		-.009408	-.009234	-.009060	-.008886	-.008712	-.008539	-.008366	-.008195	-.008025	-.007856	-.007689	-.007523	-.007360	-.007198	-.007039
		-.009628	-.009446	-.009263	-.009081	-.008899	-.008717	-.008537	-.008358	-.008180	-.008004	-.007830	-.007658	-.007487	-.007320	-.007154
-6.0		-.009855	-.009663	-.009472	-.009280	-.009089	-.008900	-.008711	-.008524	-.008338	-.008155	-.007973	-.007794	-.007617	-.007442	-.007270
		-.010088	-.009887	-.009686	-.009485	-.009285	-.009086	-.008889	-.008693	-.008500	-.008308	-.008119	-.007932	-.007748	-.007566	-.007387
		-.010328	-.010117	-.009905	-.009695	-.009485	-.009277	-.009071	-.008866	-.008664	-.008464	-.008267	-.008072	-.007880	-.007691	-.007506
		-.010575	-.010353	-.010131	-.009910	-.009690	-.009472	-.009256	-.009042	-.008831	-.008622	-.008417	-.008214	-.008014	-.007818	-.007625
		-.010830	-.010596	-.010362	-.010130	-.009900	-.009672	-.009446	-.009222	-.009001	-.008783	-.008569	-.008357	-.008150	-.007946	-.007745
-5.5		-.011091	-.010845	-.010600	-.010356	-.010115	-.009875	-.009639	-.009405	-.009174	-.008947	-.008723	-.008503	-.008286	-.008074	-.007866
		-.011360	-.011101	-.010843	-.010588	-.010334	-.010083	-.009835	-.009591	-.009349	-.009112	-.008879	-.008649	-.008424	-.008204	-.007987
		-.011637	-.011364	-.011093	-.010824	-.010558	-.010295	-.010035	-.009779	-.009527	-.009280	-.009036	-.008797	-.008563	-.008333	-.008109
		-.011922	-.011634	-.011349	-.011066	-.010787	-.010511	-.010239	-.009971	-.009708	-.009449	-.009195	-.008946	-.008702	-.008464	-.008231
		-.012214	-.011911	-.011611	-.011314	-.011020	-.010731	-.010446	-.010166	-.009890	-.009620	-.009355	-.009096	-.008842	-.008594	-.008352

$H_z(r, z)$															
r	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
z															
-10.0	-.003778 -.003835 -.003893 -.003952 -.004013	-.003736 -.003792 -.003848 -.003906 -.003965	-.003694 -.003748 -.003804 -.003860 -.003917	-.003652 -.003705 -.003759 -.003813 -.003869	-.003609 -.003661 -.003714 -.003767 -.003822	-.003567 -.003617 -.003669 -.003721 -.003774	-.003525 -.003574 -.003624 -.003674 -.003726	-.003482 -.003530 -.003579 -.003628 -.003678	-.003440 -.003486 -.003534 -.003582 -.003631	-.003398 -.003443 -.003489 -.003536 -.003583	-.003355 -.003400 -.003444 -.003490 -.003536	-.003313 -.003356 -.003400 -.003444 -.003489	-.003271 -.003313 -.003355 -.003398 -.003442	-.003230 -.003270 -.003311 -.003353 -.003395	-.003188 -.003227 -.003267 -.003308 -.003349
-9.5	-.004074 -.004137 -.004201 -.004266 -.004333	-.004025 -.004086 -.004148 -.004212 -.004277	-.003976 -.004035 -.004096 -.004158 -.004221	-.003926 -.003984 -.004043 -.004103 -.004155	-.003877 -.003933 -.003991 -.004049 -.004109	-.003828 -.003883 -.003938 -.003995 -.004053	-.003778 -.003832 -.003886 -.003941 -.003997	-.003729 -.003781 -.003834 -.003887 -.003942	-.003680 -.003731 -.003782 -.003834 -.003886	-.003631 -.003680 -.003730 -.003780 -.003831	-.003583 -.003630 -.003678 -.003727 -.003776	-.003534 -.003580 -.003627 -.003674 -.003722	-.003486 -.003531 -.003576 -.003622 -.003668	-.003438 -.003481 -.003525 -.003569 -.003614	-.003390 -.003432 -.003475 -.003517 -.003561
-9.0	-.004401 -.004470 -.004540 -.004612 -.004685	-.004343 -.004410 -.004478 -.004548 -.004619	-.004285 -.004350 -.004416 -.004484 -.004553	-.004227 -.004290 -.004355 -.004420 -.004487	-.004169 -.004230 -.004293 -.004357 -.004421	-.004111 -.004171 -.004232 -.004293 -.004356	-.004054 -.004112 -.004170 -.004230 -.004291	-.003997 -.004053 -.004110 -.004167 -.004226	-.003940 -.003994 -.004049 -.004105 -.004161	-.003883 -.003936 -.003989 -.004043 -.004097	-.003827 -.003877 -.003929 -.003981 -.004034	-.003771 -.003820 -.003870 -.003920 -.003971	-.003715 -.003762 -.003811 -.003859 -.003909	-.003660 -.003706 -.003752 -.003799 -.003847	-.003605 -.003649 -.003694 -.003739 -.003785
-8.5	-.004760 -.004836 -.004913 -.004992 -.005072	-.004691 -.004765 -.004840 -.004916 -.004994	-.004623 -.004694 -.004767 -.004840 -.004916	-.004555 -.004624 -.004694 -.004765 -.004838	-.004487 -.004554 -.004621 -.004690 -.004760	-.004419 -.004484 -.004549 -.004616 -.004683	-.004352 -.004414 -.004478 -.004542 -.004607	-.004285 -.004345 -.004407 -.004469 -.004531	-.004219 -.004277 -.004336 -.004396 -.004456	-.004153 -.004209 -.004266 -.004323 -.004382	-.004088 -.004142 -.004196 -.004252 -.004308	-.004023 -.004075 -.004128 -.004181 -.004235	-.003958 -.004009 -.004059 -.004111 -.004163	-.003895 -.003943 -.003992 -.004041 -.004091	-.003831 -.003878 -.003925 -.003973 -.004020
-8.0	-.005154 -.005237 -.005322 -.005409 -.005496	-.005073 -.005153 -.005235 -.005318 -.005403	-.004992 -.005069 -.005148 -.005229 -.005310	-.004911 -.004986 -.005062 -.005139 -.005218	-.004831 -.004904 -.004977 -.005051 -.005126	-.004752 -.004821 -.004892 -.004963 -.005036	-.004673 -.004740 -.004808 -.004877 -.004946	-.004595 -.004659 -.004725 -.004791 -.004857	-.004517 -.004579 -.004642 -.004705 -.004769	-.004441 -.004500 -.004560 -.004621 -.004683	-.004365 -.004422 -.004480 -.004538 -.004597	-.004289 -.004344 -.004400 -.004456 -.004512	-.004215 -.004268 -.004321 -.004374 -.004428	-.004141 -.004192 -.004243 -.004294 -.004346	-.004069 -.004117 -.004166 -.004215 -.004264
-7.5	-.005586 -.005677 -.005769 -.005863 -.005959	-.005489 -.005576 -.005665 -.005755 -.005847	-.005393 -.005477 -.005562 -.005649 -.005736	-.005297 -.005378 -.005460 -.005543 -.005627	-.005203 -.005280 -.005359 -.005438 -.005519	-.005109 -.005183 -.005259 -.005335 -.005412	-.005017 -.005088 -.005160 -.005232 -.005306	-.004925 -.004993 -.005062 -.005131 -.005202	-.004834 -.004899 -.004965 -.005032 -.005099	-.004745 -.004807 -.004870 -.004933 -.004997	-.004656 -.004716 -.004776 -.004837 -.004897	-.004569 -.004626 -.004683 -.004741 -.004799	-.004483 -.004537 -.004592 -.004647 -.004702	-.004398 -.004450 -.004502 -.004554 -.004607	-.004314 -.004364 -.004413 -.004463 -.004513
-7.0	-.006056 -.006154 -.006254 -.006355 -.006458	-.005940 -.006034 -.006129 -.006226 -.006324	-.005825 -.005915 -.006006 -.006099 -.006192	-.005712 -.005798 -.005885 -.005973 -.006062	-.005600 -.005682 -.005765 -.005849 -.005934	-.005489 -.005568 -.005647 -.005727 -.005807	-.005380 -.005455 -.005530 -.005606 -.005683	-.005272 -.005344 -.005415 -.005488 -.005560	-.005166 -.005234 -.005302 -.005371 -.005440	-.005062 -.005126 -.005191 -.005256 -.005321	-.004959 -.005020 -.005082 -.005143 -.005205	-.004857 -.004916 -.004974 -.005032 -.005091	-.004757 -.004813 -.004868 -.004924 -.004979	-.004659 -.004712 -.004764 -.004817 -.004869	-.004563 -.004613 -.004663 -.004712 -.004761
-6.5	-.006562 -.006667 -.006774 -.006882 -.006991	-.006423 -.006524 -.006625 -.006727 -.006830	-.006287 -.006382 -.006478 -.006575 -.006673	-.006152 -.006242 -.006333 -.006425 -.006518	-.006019 -.006105 -.006191 -.006278 -.006365	-.005888 -.005969 -.006051 -.006133 -.006216	-.005759 -.005837 -.005914 -.005992 -.006069	-.005633 -.005706 -.005779 -.005852 -.005925	-.005509 -.005578 -.005647 -.005716 -.005785	-.005387 -.005452 -.005517 -.005582 -.005647	-.005267 -.005328 -.005390 -.005451 -.005512	-.005149 -.005207 -.005265 -.005323 -.005380	-.005034 -.005089 -.005143 -.005197 -.005250	-.004921 -.004972 -.005024 -.005074 -.005124	-.004810 -.004859 -.004907 -.004954 -.005001
-6.0	-.007101 -.007212 -.007324 -.007436 -.007549	-.006935 -.007039 -.007145 -.007250 -.007356	-.006771 -.006870 -.006969 -.007068 -.007168	-.006610 -.006703 -.006797 -.006890 -.006983	-.006453 -.006540 -.006628 -.006716 -.006803	-.006298 -.006381 -.006463 -.006545 -.006626	-.006147 -.006224 -.006301 -.006378 -.006454	-.005998 -.006071 -.006143 -.006215 -.006286	-.005853 -.005921 -.005989 -.006056 -.006122	-.005711 -.005775 -.005838 -.005900 -.005962	-.005572 -.005632 -.005690 -.005749 -.005806	-.005436 -.005492 -.005547 -.005601 -.005653	-.005303 -.005355 -.005406 -.005456 -.005505	-.005173 -.005222 -.005269 -.005316 -.005361	-.005047 -.005092 -.005136 -.005179 -.005220
-5.5	-.007662 -.007776 -.007889 -.008003 -.008116	-.007463 -.007569 -.007675 -.007780 -.007885	-.007267 -.007366 -.007465 -.007563 -.007661	-.007076 -.007169 -.007261 -.007352 -.007442	-.006890 -.006976 -.007061 -.007146 -.007229	-.006707 -.006788 -.006867 -.006945 -.007022	-.006530 -.006604 -.006677 -.006750 -.006820	-.006356 -.006425 -.006493 -.006560 -.006624	-.006187 -.006251 -.006314 -.006375 -.006434	-.006022 -.006081 -.006139 -.006195 -.006249	-.005861 -.005916 -.005969 -.006020 -.006070	-.005705 -.005755 -.005804 -.005851 -.005896	-.005553 -.005599 -.005643 -.005686 -.005727	-.005405 -.005447 -.005488 -.005526 -.005563	-.005260 -.005299 -.005336 -.005371 -.005404

		H ₂ (r,z)														
r	z	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
-10.0		-.003147	-.003105	-.003064	-.003024	-.002983	-.002943	-.002903	-.002864	-.002824	-.002785	-.002747	-.002708	-.002670	-.002633	-.002596
		-.003185	-.003143	-.003101	-.003059	-.003017	-.002976	-.002935	-.002894	-.002854	-.002814	-.002775	-.002735	-.002697	-.002658	-.002620
		-.003224	-.003180	-.003137	-.003094	-.003051	-.003009	-.002967	-.002926	-.002884	-.002843	-.002803	-.002763	-.002723	-.002684	-.002645
		-.003263	-.003218	-.003174	-.003130	-.003086	-.003043	-.003000	-.002957	-.002915	-.002873	-.002831	-.002790	-.002750	-.002709	-.002670
		-.003303	-.003257	-.003211	-.003166	-.003121	-.003077	-.003032	-.002989	-.002945	-.002902	-.002860	-.002818	-.002776	-.002735	-.002694
-9.5		-.003343	-.003296	-.003249	-.003202	-.003156	-.003111	-.003065	-.003021	-.002976	-.002932	-.002889	-.002846	-.002803	-.002761	-.002719
		-.003383	-.003335	-.003287	-.003239	-.003192	-.003145	-.003099	-.003053	-.003007	-.002962	-.002918	-.002874	-.002830	-.002787	-.002744
		-.003424	-.003375	-.003325	-.003276	-.003228	-.003180	-.003132	-.003085	-.003039	-.002992	-.002947	-.002902	-.002857	-.002813	-.002769
		-.003466	-.003415	-.003364	-.003314	-.003264	-.003215	-.003166	-.003118	-.003070	-.003023	-.002976	-.002930	-.002884	-.002839	-.002795
		-.003508	-.003456	-.003403	-.003352	-.003301	-.003250	-.003200	-.003151	-.003102	-.003053	-.003005	-.002958	-.002911	-.002865	-.002820
-9.0		-.003550	-.003497	-.003443	-.003390	-.003338	-.003286	-.003235	-.003184	-.003134	-.003084	-.003035	-.002986	-.002939	-.002891	-.002845
		-.003593	-.003538	-.003483	-.003429	-.003375	-.003322	-.003269	-.003217	-.003165	-.003115	-.003064	-.003015	-.002966	-.002918	-.002870
		-.003637	-.003580	-.003523	-.003467	-.003412	-.003358	-.003304	-.003250	-.003198	-.003146	-.003094	-.003043	-.002993	-.002944	-.002895
		-.003680	-.003622	-.003564	-.003507	-.003450	-.003394	-.003339	-.003284	-.003230	-.003176	-.003124	-.003072	-.003021	-.002970	-.002920
		-.003725	-.003664	-.003605	-.003546	-.003488	-.003430	-.003374	-.003317	-.003262	-.003207	-.003154	-.003100	-.003048	-.002996	-.002945
-8.5		-.003769	-.003707	-.003646	-.003586	-.003526	-.003467	-.003409	-.003351	-.003294	-.003239	-.003183	-.003129	-.003075	-.003022	-.002970
		-.003814	-.003750	-.003688	-.003626	-.003564	-.003504	-.003444	-.003385	-.003327	-.003270	-.003213	-.003157	-.003103	-.003049	-.002995
		-.003859	-.003794	-.003729	-.003666	-.003603	-.003541	-.003479	-.003419	-.003359	-.003301	-.003243	-.003186	-.003130	-.003075	-.003020
		-.003905	-.003838	-.003771	-.003706	-.003641	-.003578	-.003515	-.003453	-.003392	-.003332	-.003273	-.003214	-.003157	-.003100	-.003045
		-.003951	-.003882	-.003814	-.003746	-.003680	-.003615	-.003550	-.003487	-.003424	-.003363	-.003302	-.003243	-.003184	-.003126	-.003069
-8.0		-.003997	-.003926	-.003856	-.003787	-.003719	-.003652	-.003586	-.003521	-.003457	-.003394	-.003332	-.003271	-.003211	-.003152	-.003094
		-.004043	-.003971	-.003899	-.003828	-.003758	-.003689	-.003622	-.003555	-.003489	-.003425	-.003361	-.003299	-.003237	-.003177	-.003118
		-.004090	-.004015	-.003941	-.003869	-.003797	-.003727	-.003657	-.003589	-.003522	-.003455	-.003390	-.003327	-.003264	-.003202	-.003141
		-.004137	-.004060	-.003984	-.003910	-.003836	-.003764	-.003693	-.003623	-.003554	-.003486	-.003419	-.003354	-.003290	-.003227	-.003165
		-.004184	-.004105	-.004027	-.003951	-.003875	-.003801	-.003728	-.003656	-.003586	-.003516	-.003448	-.003381	-.003316	-.003251	-.003188
-7.5		-.004231	-.004150	-.004070	-.003991	-.003914	-.003838	-.003763	-.003690	-.003617	-.003547	-.003477	-.003409	-.003341	-.003276	-.003211
		-.004279	-.004195	-.004113	-.004032	-.003953	-.003875	-.003798	-.003723	-.003649	-.003576	-.003505	-.003435	-.003367	-.003300	-.003234
		-.004326	-.004240	-.004156	-.004073	-.003992	-.003912	-.003833	-.003756	-.003680	-.003606	-.003533	-.003462	-.003392	-.003323	-.003256
		-.004374	-.004285	-.004199	-.004114	-.004030	-.003948	-.003868	-.003789	-.003711	-.003635	-.003561	-.003488	-.003416	-.003346	-.003277
		-.004421	-.004330	-.004242	-.004154	-.004069	-.003984	-.003902	-.003821	-.003742	-.003664	-.003588	-.003513	-.003440	-.003369	-.003298
-7.0		-.004468	-.004375	-.004284	-.004194	-.004107	-.004020	-.003936	-.003853	-.003772	-.003692	-.003614	-.003538	-.003464	-.003391	-.003319
		-.004516	-.004420	-.004326	-.004234	-.004144	-.004056	-.003969	-.003885	-.003801	-.003720	-.003641	-.003563	-.003487	-.003412	-.003339
		-.004563	-.004464	-.004368	-.004274	-.004182	-.004091	-.004002	-.003916	-.003831	-.003747	-.003666	-.003587	-.003509	-.003433	-.003358
		-.004609	-.004509	-.004410	-.004313	-.004218	-.004126	-.004035	-.003946	-.003859	-.003774	-.003691	-.003610	-.003530	-.003453	-.003377
		-.004656	-.004552	-.004451	-.004352	-.004255	-.004160	-.004067	-.003976	-.003887	-.003800	-.003715	-.003632	-.003551	-.003472	-.003395
-6.5		-.004702	-.004596	-.004492	-.004390	-.004290	-.004193	-.004098	-.004005	-.003914	-.003826	-.003739	-.003654	-.003572	-.003491	-.003412
		-.004747	-.004638	-.004532	-.004427	-.004326	-.004226	-.004129	-.004034	-.003941	-.003850	-.003762	-.003675	-.003591	-.003509	-.003428
		-.004792	-.004680	-.004571	-.004464	-.004360	-.004258	-.004158	-.004061	-.003966	-.003874	-.003783	-.003695	-.003609	-.003526	-.003444
		-.004837	-.004722	-.004610	-.004500	-.004393	-.004289	-.004187	-.004088	-.003991	-.003896	-.003804	-.003714	-.003627	-.003541	-.003458
		-.004880	-.004762	-.004648	-.004535	-.004426	-.004319	-.004215	-.004114	-.004015	-.003918	-.003824	-.003733	-.003643	-.003556	-.003472
-6.0		-.004923	-.004802	-.004684	-.004570	-.004458	-.004348	-.004242	-.004138	-.004037	-.003939	-.003843	-.003750	-.003659	-.003570	-.003484
		-.004965	-.004841	-.004720	-.004603	-.004488	-.004376	-.004268	-.004162	-.004059	-.003958	-.003861	-.003765	-.003673	-.003583	-.003495
		-.005005	-.004879	-.004755	-.004635	-.004517	-.004403	-.004292	-.004184	-.004079	-.003977	-.003877	-.003780	-.003686	-.003594	-.003505
		-.005045	-.004915	-.004789	-.004665	-.004545	-.004429	-.004315	-.004205	-.004098	-.003993	-.003892	-.003793	-.003698	-.003605	-.003514
		-.005083	-.004950	-.004821	-.004695	-.004572	-.004453	-.004337	-.004225	-.004115	-.004009	-.003906	-.003805	-.003708	-.003613	-.003521
-5.5		-.005120	-.004984	-.004851	-.004722	-.004597	-.004476	-.004357	-.004243	-.004131	-.004023	-.003918	-.003816	-.003717	-.003621	-.003527
		-.005155	-.005016	-.004880	-.004749	-.004621	-.004497	-.004376	-.004259	-.004146	-.004035	-.003929	-.003825	-.003724	-.003627	-.003532
		-.005189	-.005046	-.004908	-.004773	-.004642	-.004516	-.004393	-.004274	-.004158	-.004046	-.003937	-.003832	-.003730	-.003631	-.003535
		-.005221	-.005075	-.004933	-.004796	-.004662	-.004533	-.004408	-.004287	-.004169	-.004055	-.003945	-.003838	-.003734	-.003633	-.003536
		-.005250	-.005101	-.004956	-.004816	-.004680	-.004549	-.004421	-.004298	-.004178	-.004062	-.003950	-.003841	-.003736	-.003634	-.003536

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$H_z(r,z)$															
r	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
z															
-10.0	-.002559	-.002522	-.002486	-.002451	-.002415	-.002380	-.002346	-.002312	-.002278	-.002245	-.002212	-.002180	-.002148	-.002116	-.002085
	-.002582	-.002545	-.002508	-.002472	-.002436	-.002400	-.002365	-.002330	-.002296	-.002262	-.002229	-.002196	-.002163	-.002131	-.002099
	-.002606	-.002568	-.002531	-.002493	-.002457	-.002420	-.002384	-.002349	-.002314	-.002279	-.002245	-.002211	-.002178	-.002146	-.002113
	-.002630	-.002591	-.002553	-.002515	-.002477	-.002440	-.002403	-.002367	-.002332	-.002296	-.002262	-.002227	-.002193	-.002160	-.002127
	-.002654	-.002614	-.002575	-.002536	-.002498	-.002460	-.002423	-.002386	-.002349	-.002313	-.002278	-.002243	-.002209	-.002175	-.002141
-9.5	-.002678	-.002638	-.002597	-.002558	-.002519	-.002480	-.002442	-.002404	-.002367	-.002330	-.002294	-.002259	-.002223	-.002189	-.002155
	-.002702	-.002661	-.002620	-.002579	-.002539	-.002500	-.002461	-.002422	-.002385	-.002347	-.002310	-.002274	-.002238	-.002203	-.002168
	-.002726	-.002684	-.002642	-.002601	-.002560	-.002520	-.002480	-.002441	-.002402	-.002364	-.002326	-.002290	-.002253	-.002217	-.002182
	-.002751	-.002707	-.002664	-.002622	-.002580	-.002539	-.002499	-.002459	-.002419	-.002381	-.002342	-.002305	-.002268	-.002231	-.002195
	-.002775	-.002730	-.002687	-.002643	-.002601	-.002559	-.002518	-.002477	-.002437	-.002397	-.002358	-.002320	-.002282	-.002245	-.002209
-9.0	-.002799	-.002754	-.002709	-.002665	-.002621	-.002579	-.002536	-.002495	-.002454	-.002414	-.002374	-.002335	-.002297	-.002259	-.002222
	-.002823	-.002777	-.002731	-.002686	-.002642	-.002598	-.002555	-.002513	-.002471	-.002430	-.002390	-.002350	-.002311	-.002272	-.002234
	-.002847	-.002800	-.002753	-.002707	-.002662	-.002618	-.002574	-.002530	-.002488	-.002446	-.002405	-.002364	-.002325	-.002285	-.002247
	-.002871	-.002823	-.002775	-.002728	-.002682	-.002637	-.002592	-.002548	-.002505	-.002462	-.002420	-.002379	-.002338	-.002299	-.002259
	-.002895	-.002846	-.002797	-.002749	-.002702	-.002656	-.002610	-.002565	-.002521	-.002478	-.002435	-.002393	-.002352	-.002311	-.002272
-8.5	-.002919	-.002869	-.002819	-.002770	-.002722	-.002675	-.002628	-.002583	-.002538	-.002493	-.002450	-.002407	-.002365	-.002324	-.002283
	-.002943	-.002891	-.002841	-.002791	-.002742	-.002694	-.002646	-.002599	-.002554	-.002509	-.002464	-.002421	-.002378	-.002336	-.002295
	-.002967	-.002914	-.002862	-.002811	-.002761	-.002712	-.002664	-.002616	-.002570	-.002524	-.002479	-.002434	-.002391	-.002348	-.002306
	-.002990	-.002936	-.002884	-.002832	-.002781	-.002730	-.002681	-.002633	-.002585	-.002538	-.002493	-.002448	-.002403	-.002360	-.002318
	-.003013	-.002959	-.002905	-.002852	-.002800	-.002748	-.002698	-.002649	-.002600	-.002553	-.002506	-.002460	-.002416	-.002371	-.002328
-8.0	-.003037	-.002981	-.002925	-.002871	-.002818	-.002766	-.002715	-.002665	-.002615	-.002567	-.002520	-.002473	-.002427	-.002383	-.002339
	-.003059	-.003002	-.002946	-.002891	-.002837	-.002784	-.002731	-.002680	-.002630	-.002581	-.002533	-.002485	-.002439	-.002393	-.002349
	-.003082	-.003024	-.002966	-.002910	-.002855	-.002801	-.002748	-.002695	-.002644	-.002594	-.002545	-.002497	-.002450	-.002404	-.002358
	-.003104	-.003045	-.002986	-.002929	-.002873	-.002817	-.002763	-.002710	-.002658	-.002607	-.002557	-.002508	-.002460	-.002414	-.002367
	-.003126	-.003065	-.003006	-.002947	-.002890	-.002834	-.002779	-.002725	-.002672	-.002620	-.002569	-.002519	-.002471	-.002423	-.002376
-7.5	-.003148	-.003086	-.003025	-.002965	-.002907	-.002850	-.002794	-.002739	-.002685	-.002632	-.002580	-.002530	-.002480	-.002432	-.002385
	-.003169	-.003106	-.003044	-.002983	-.002923	-.002865	-.002808	-.002752	-.002697	-.002644	-.002591	-.002540	-.002490	-.002441	-.002392
	-.003190	-.003125	-.003062	-.003000	-.002939	-.002880	-.002822	-.002765	-.002709	-.002655	-.002602	-.002550	-.002499	-.002449	-.002400
	-.003210	-.003144	-.003080	-.003017	-.002955	-.002895	-.002835	-.002778	-.002721	-.002666	-.002611	-.002559	-.002507	-.002456	-.002407
	-.003230	-.003163	-.003097	-.003033	-.002970	-.002908	-.002848	-.002789	-.002732	-.002676	-.002621	-.002567	-.002514	-.002463	-.002413
-7.0	-.003249	-.003181	-.003114	-.003048	-.002984	-.002922	-.002861	-.002801	-.002742	-.002685	-.002629	-.002575	-.002522	-.002469	-.002419
	-.003268	-.003198	-.003130	-.003063	-.002998	-.002934	-.002872	-.002811	-.002752	-.002694	-.002637	-.002582	-.002528	-.002475	-.002424
	-.003286	-.003215	-.003145	-.003077	-.003011	-.002946	-.002883	-.002821	-.002761	-.002702	-.002645	-.002589	-.002534	-.002480	-.002428
	-.003303	-.003231	-.003160	-.003091	-.003024	-.002958	-.002893	-.002831	-.002770	-.002710	-.002651	-.002595	-.002539	-.002485	-.002432
	-.003320	-.003246	-.003174	-.003104	-.003035	-.002968	-.002903	-.002839	-.002777	-.002717	-.002657	-.002600	-.002543	-.002489	-.002435
-6.5	-.003335	-.003260	-.003187	-.003116	-.003046	-.002978	-.002912	-.002847	-.002784	-.002723	-.002663	-.002604	-.002547	-.002492	-.002437
	-.003350	-.003274	-.003201	-.003127	-.003056	-.002987	-.002920	-.002854	-.002790	-.002728	-.002667	-.002608	-.002550	-.002494	-.002439
	-.003364	-.003287	-.003211	-.003137	-.003065	-.002995	-.002927	-.002860	-.002795	-.002732	-.002671	-.002611	-.002552	-.002495	-.002440
	-.003377	-.003298	-.003221	-.003146	-.003073	-.003002	-.002933	-.002865	-.002800	-.002736	-.002673	-.002613	-.002553	-.002496	-.002440
	-.003389	-.003309	-.003231	-.003155	-.003080	-.003008	-.002938	-.002870	-.002803	-.002738	-.002675	-.002614	-.002554	-.002496	-.002439
-6.0	-.003400	-.003319	-.003239	-.003162	-.003087	-.003013	-.002942	-.002873	-.002805	-.002740	-.002676	-.002614	-.002553	-.002495	-.002437
	-.003410	-.003327	-.003246	-.003168	-.003092	-.003018	-.002945	-.002875	-.002807	-.002740	-.002676	-.002613	-.002552	-.002493	-.002435
	-.003419	-.003335	-.003253	-.003173	-.003096	-.003020	-.002947	-.002876	-.002807	-.002740	-.002675	-.002611	-.002550	-.002490	-.002431
	-.003426	-.003341	-.003258	-.003177	-.003098	-.003022	-.002948	-.002876	-.002806	-.002739	-.002673	-.002608	-.002546	-.002486	-.002427
	-.003432	-.003345	-.003261	-.003179	-.003100	-.003023	-.002948	-.002875	-.002804	-.002736	-.002669	-.002604	-.002542	-.002481	-.002421
-5.5	-.003437	-.003349	-.003263	-.003181	-.003100	-.003022	-.002946	-.002873	-.002801	-.002732	-.002665	-.002599	-.002536	-.002474	-.002415
	-.003440	-.003351	-.003264	-.003180	-.003099	-.003020	-.002943	-.002869	-.002797	-.002727	-.002659	-.002593	-.002529	-.002467	-.002407
	-.003442	-.003351	-.003264	-.003179	-.003096	-.003017	-.002939	-.002864	-.002791	-.002721	-.002652	-.002586	-.002521	-.002459	-.002398
	-.003442	-.003350	-.003262	-.003176	-.003092	-.003012	-.002934	-.002858	-.002784	-.002713	-.002644	-.002577	-.002512	-.002450	-.002388
	-.003440	-.003347	-.003258	-.003171	-.003087	-.003005	-.002927	-.002850	-.002776	-.002704	-.002635	-.002567	-.002502	-.002439	-.002377

		$H_z(r, z)$														
z	r	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
-10.0		-.002054	-.002024	-.001994	-.001965	-.001935	-.001907	-.001878	-.001851	-.001823	-.001796	-.001769	-.001743	-.001717	-.001692	-.001667
		-.002068	-.002037	-.002007	-.001977	-.001947	-.001918	-.001889	-.001861	-.001833	-.001805	-.001778	-.001752	-.001725	-.001699	-.001674
		-.002081	-.002050	-.002019	-.001988	-.001958	-.001929	-.001900	-.001871	-.001842	-.001815	-.001787	-.001760	-.001733	-.001707	-.001681
		-.002095	-.002063	-.002031	-.002000	-.001970	-.001940	-.001910	-.001881	-.001852	-.001824	-.001796	-.001768	-.001741	-.001714	-.001688
		-.002108	-.002076	-.002044	-.002012	-.001981	-.001950	-.001920	-.001890	-.001861	-.001832	-.001804	-.001776	-.001749	-.001722	-.001695
-9.5		-.002121	-.002088	-.002056	-.002023	-.001992	-.001961	-.001930	-.001900	-.001870	-.001841	-.001812	-.001784	-.001756	-.001729	-.001702
		-.002134	-.002101	-.002067	-.002035	-.002003	-.001971	-.001940	-.001909	-.001879	-.001850	-.001820	-.001792	-.001764	-.001736	-.001708
		-.002147	-.002113	-.002079	-.002046	-.002013	-.001981	-.001950	-.001919	-.001888	-.001858	-.001828	-.001799	-.001771	-.001742	-.001715
		-.002160	-.002125	-.002091	-.002057	-.002024	-.001991	-.001959	-.001928	-.001897	-.001866	-.001836	-.001807	-.001778	-.001749	-.001721
		-.002173	-.002137	-.002102	-.002068	-.002034	-.002001	-.001969	-.001937	-.001905	-.001874	-.001844	-.001814	-.001784	-.001755	-.001727
-9.0		-.002185	-.002149	-.002114	-.002079	-.002044	-.002011	-.001978	-.001945	-.001913	-.001882	-.001851	-.001821	-.001791	-.001761	-.001733
		-.002197	-.002161	-.002125	-.002089	-.002054	-.002020	-.001987	-.001954	-.001921	-.001889	-.001858	-.001827	-.001797	-.001767	-.001738
		-.002209	-.002172	-.002135	-.002099	-.002064	-.002029	-.001995	-.001962	-.001929	-.001897	-.001865	-.001834	-.001803	-.001773	-.001743
		-.002221	-.002183	-.002146	-.002109	-.002074	-.002038	-.002004	-.001970	-.001936	-.001904	-.001871	-.001840	-.001809	-.001778	-.001748
		-.002232	-.002194	-.002156	-.002119	-.002083	-.002047	-.002012	-.001977	-.001943	-.001910	-.001878	-.001846	-.001814	-.001783	-.001753
-8.5		-.002244	-.002205	-.002166	-.002129	-.002092	-.002055	-.002020	-.001985	-.001950	-.001917	-.001884	-.001851	-.001819	-.001788	-.001757
		-.002255	-.002215	-.002176	-.002138	-.002100	-.002063	-.002027	-.001992	-.001957	-.001923	-.001889	-.001857	-.001824	-.001793	-.001762
		-.002265	-.002225	-.002186	-.002147	-.002109	-.002071	-.002035	-.001999	-.001963	-.001929	-.001895	-.001862	-.001829	-.001797	-.001766
		-.002276	-.002235	-.002195	-.002155	-.002117	-.002079	-.002042	-.002005	-.001969	-.001934	-.001900	-.001866	-.001833	-.001801	-.001769
		-.002286	-.002244	-.002203	-.002164	-.002124	-.002086	-.002048	-.002011	-.001975	-.001939	-.001905	-.001871	-.001837	-.001804	-.001772
-8.0		-.002296	-.002253	-.002212	-.002171	-.002132	-.002093	-.002054	-.002017	-.001980	-.001944	-.001909	-.001875	-.001841	-.001808	-.001775
		-.002305	-.002262	-.002220	-.002179	-.002139	-.002099	-.002060	-.002022	-.001985	-.001949	-.001913	-.001878	-.001844	-.001811	-.001778
		-.002314	-.002270	-.002228	-.002186	-.002145	-.002105	-.002066	-.002027	-.001990	-.001953	-.001917	-.001882	-.001847	-.001813	-.001780
		-.002322	-.002278	-.002235	-.002193	-.002151	-.002111	-.002071	-.002032	-.001994	-.001957	-.001920	-.001884	-.001849	-.001815	-.001782
		-.002331	-.002286	-.002242	-.002199	-.002157	-.002116	-.002076	-.002036	-.001998	-.001960	-.001923	-.001887	-.001852	-.001817	-.001783
-7.5		-.002338	-.002293	-.002248	-.002205	-.002162	-.002121	-.002080	-.002040	-.002001	-.001963	-.001926	-.001889	-.001853	-.001818	-.001784
		-.002345	-.002299	-.002254	-.002210	-.002167	-.002125	-.002084	-.002043	-.002004	-.001965	-.001928	-.001891	-.001855	-.001819	-.001785
		-.002352	-.002305	-.002260	-.002215	-.002171	-.002129	-.002087	-.002046	-.002006	-.001967	-.001929	-.001892	-.001855	-.001820	-.001785
		-.002358	-.002311	-.002265	-.002219	-.002175	-.002132	-.002090	-.002049	-.002008	-.001969	-.001930	-.001893	-.001856	-.001820	-.001785
		-.002364	-.002316	-.002269	-.002223	-.002179	-.002135	-.002092	-.002050	-.002010	-.001970	-.001931	-.001893	-.001856	-.001819	-.001784
-7.0		-.002369	-.002320	-.002273	-.002227	-.002181	-.002137	-.002094	-.002052	-.002010	-.001970	-.001931	-.001893	-.001855	-.001818	-.001783
		-.002373	-.002324	-.002276	-.002229	-.002183	-.002139	-.002095	-.002052	-.002011	-.001970	-.001931	-.001892	-.001854	-.001817	-.001781
		-.002377	-.002327	-.002279	-.002231	-.002185	-.002140	-.002096	-.002053	-.002011	-.001970	-.001930	-.001890	-.001852	-.001815	-.001779
		-.002380	-.002330	-.002281	-.002233	-.002186	-.002140	-.002096	-.002052	-.002010	-.001968	-.001928	-.001889	-.001850	-.001813	-.001776
		-.002383	-.002332	-.002282	-.002234	-.002186	-.002140	-.002095	-.002051	-.002008	-.001967	-.001926	-.001886	-.001847	-.001810	-.001773
-6.5		-.002384	-.002333	-.002283	-.002234	-.002186	-.002139	-.002094	-.002050	-.002006	-.001964	-.001923	-.001883	-.001844	-.001806	-.001769
		-.002386	-.002333	-.002283	-.002233	-.002185	-.002138	-.002092	-.002047	-.002004	-.001961	-.001920	-.001880	-.001840	-.001802	-.001764
		-.002386	-.002333	-.002282	-.002232	-.002183	-.002136	-.002089	-.002044	-.002000	-.001958	-.001916	-.001875	-.001836	-.001797	-.001760
		-.002385	-.002332	-.002280	-.002230	-.002181	-.002133	-.002086	-.002041	-.001997	-.001953	-.001911	-.001871	-.001831	-.001792	-.001754
		-.002384	-.002330	-.002278	-.002227	-.002177	-.002129	-.002082	-.002036	-.001992	-.001948	-.001906	-.001865	-.001825	-.001786	-.001748
-6.0		-.002382	-.002327	-.002275	-.002223	-.002173	-.002125	-.002077	-.002031	-.001986	-.001943	-.001900	-.001859	-.001819	-.001779	-.001741
		-.002378	-.002324	-.002271	-.002219	-.002168	-.002120	-.002072	-.002025	-.001980	-.001936	-.001894	-.001852	-.001812	-.001772	-.001734
		-.002374	-.002319	-.002266	-.002214	-.002163	-.002113	-.002066	-.002019	-.001973	-.001929	-.001886	-.001845	-.001804	-.001764	-.001726
		-.002369	-.002314	-.002260	-.002207	-.002156	-.002107	-.002058	-.002011	-.001966	-.001921	-.001878	-.001836	-.001795	-.001756	-.001717
		-.002364	-.002308	-.002253	-.002200	-.002149	-.002099	-.002050	-.002003	-.001957	-.001913	-.001869	-.001827	-.001786	-.001746	-.001708
-5.5		-.002357	-.002300	-.002245	-.002192	-.002141	-.002090	-.002042	-.001994	-.001948	-.001903	-.001860	-.001817	-.001776	-.001736	-.001698
		-.002349	-.002292	-.002237	-.002183	-.002131	-.002081	-.002032	-.001984	-.001938	-.001893	-.001849	-.001807	-.001766	-.001726	-.001687
		-.002339	-.002282	-.002227	-.002173	-.002121	-.002070	-.002021	-.001973	-.001927	-.001882	-.001838	-.001796	-.001754	-.001714	-.001675
		-.002329	-.002272	-.002216	-.002162	-.002110	-.002059	-.002010	-.001962	-.001915	-.001870	-.001826	-.001784	-.001742	-.001702	-.001663
		-.002318	-.002260	-.002204	-.002150	-.002098	-.002047	-.001997	-.001949	-.001902	-.001857	-.001813	-.001771	-.001729	-.001689	-.001650

$H_z(r, z)$															
r	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
z															
-5.0	1.980581 1.979804 1.978980 1.978106 1.977176	1.980592 1.979816 1.978993 1.978120 1.977191	1.980624 1.979851 1.979031 1.978161 1.977236	1.980678 1.979909 1.979094 1.978229 1.977310	1.980754 1.979991 1.979182 1.978324 1.977413	1.980850 1.980094 1.979294 1.978446 1.977545	1.980966 1.980220 1.979430 1.978592 1.977704	1.981102 1.980367 1.979589 1.978764 1.977889	1.981257 1.980534 1.979769 1.978959 1.978101	1.981431 1.980721 1.979971 1.979177 1.978336	.981622 .980926 .980192 .979416 .978595	-.018171 -.018851 -.019568 -.020325 -.021125	-.017948 -.018611 -.019310 -.020047 -.020825	-.017711 -.018356 -.019036 -.019752 -.020507	-.017461 -.018087 -.018746 -.019440 -.020172
-4.5	1.976187 1.975133 1.974008 1.972806 1.971520	1.976203 1.975150 1.974027 1.972827 1.971543	1.976252 1.975203 1.974085 1.972890 1.971612	1.976332 1.975291 1.974180 1.972994 1.971726	1.976444 1.975413 1.974313 1.973139 1.971884	1.976587 1.975568 1.974482 1.973323 1.972086	1.976760 1.975755 1.974686 1.973546 1.972329	1.976961 1.975974 1.974924 1.973805 1.972612	1.977190 1.976223 1.975194 1.974100 1.972933	1.977445 1.976499 1.975495 1.974427 1.973290	.977725 .976803 .975824 .974785 .973680	-.021972 -.022869 -.023820 -.024828 -.025900	-.021648 -.022518 -.023439 -.024416 -.025451	-.021304 -.022146 -.023037 -.023979 -.024977	-.020942 -.021756 -.022614 -.023521 -.024481
-4.0	1.970143 1.968664 1.967075 1.965363 1.963518	1.970168 1.968691 1.967105 1.965397 1.963555	1.970243 1.968774 1.967196 1.965497 1.963666	1.970368 1.968911 1.967347 1.965663 1.963849	1.970541 1.969101 1.967556 1.965894 1.964104	1.970762 1.969343 1.967822 1.966187 1.964427	1.971028 1.969635 1.968142 1.966539 1.964816	1.971337 1.969974 1.968514 1.966949 1.965267	1.971688 1.970358 1.968936 1.967412 1.965777	1.972078 1.970784 1.969403 1.967924 1.966341	.972503 .971249 .969911 .968482 .966954	-.027038 -.028250 -.029541 -.030918 -.032388	-.026550 -.027718 -.028960 -.030282 -.031691	-.026035 -.027157 -.028348 -.029613 -.030960	-.025496 -.026570 -.027709 -.028917 -.030199
-3.5	1.961524 1.959366 1.957024 1.954480 1.951709	1.961565 1.959547 1.957075 1.954537 1.951772	1.961688 1.959547 1.957227 1.954706 1.951961	1.961891 1.959773 1.957478 1.954986 1.952274	1.962173 1.960085 1.957825 1.955373 1.952707	1.962530 1.960482 1.958266 1.955864 1.953256	1.962960 1.960958 1.958795 1.956453 1.953913	1.963459 1.961510 1.959407 1.957133 1.954672	1.964021 1.962132 1.960096 1.957899 1.955524	1.964642 1.962818 1.960855 1.958741 1.956461	.965317 .963562 .961678 .959653 .957473	-.033960 -.035641 -.037443 -.039375 -.041450	-.033194 -.034799 -.036515 -.038351 -.040317	-.032393 -.033919 -.035547 -.037284 -.039139	-.031560 -.033007 -.034545 -.036182 -.037925
-3.0	1.948683 1.945373 1.941742 1.937749 1.933346	1.948754 1.945453 1.941832 1.937851 1.933462	1.948967 1.945692 1.942102 1.938156 1.933808	1.949318 1.946087 1.942547 1.938660 1.934380	1.949803 1.946632 1.943162 1.939355 1.935169	1.950417 1.947322 1.943939 1.940233 1.936163	1.951152 1.948147 1.944867 1.941280 1.937349	1.952001 1.949097 1.945935 1.942484 1.938709	1.952952 1.950162 1.947130 1.943828 1.940226	1.953996 1.951329 1.948437 1.945296 1.941880	.955122 .952585 .949841 .946870 .943649	-.043681 -.046083 -.048672 -.051467 -.054486	-.042425 -.044688 -.047119 -.049734 -.052548	-.041122 -.043243 -.045515 -.047947 -.050555	-.039782 -.041762 -.043873 -.046125 -.048529
-2.5	1.928477 1.923077 1.917070 1.910366 1.902861	1.928609 1.923228 1.917244 1.910566 1.903092	1.929004 1.923680 1.917761 1.911162 1.903780	1.929655 1.924424 1.918615 1.912144 1.904914	1.930553 1.925449 1.919789 1.913494 1.906471	1.931683 1.926738 1.921264 1.915188 1.908424	1.933029 1.928271 1.923017 1.917198 1.910737	1.934571 1.930025 1.925018 1.919490 1.913370	1.936288 1.931974 1.927238 1.922026 1.916278	1.938156 1.934090 1.929643 1.924768 1.919414	.940150 .936344 .932198 .927673 .922727	-.057753 -.061292 -.065131 -.069299 -.073830	-.055580 -.058849 -.062377 -.066188 -.070304	-.053352 -.056353 -.059574 -.063031 -.066742	-.051093 -.053830 -.056751 -.059865 -.063183
-2.0	1.894427 1.884918 1.874157 1.861934 1.847998	1.894695 1.885230 1.874521 1.862361 1.848499	1.895494 1.886159 1.875606 1.863631 1.849991	1.896807 1.887687 1.877389 1.865718 1.852442	1.898611 1.889782 1.879833 1.868578 1.855800	1.900869 1.892405 1.882888 1.872150 1.859991	1.903541 1.895502 1.886492 1.876359 1.864924	1.906577 1.899016 1.890573 1.881118 1.870493	1.909923 1.902879 1.895051 1.886328 1.876578	1.913522 1.907024 1.899842 1.891886 1.883054	.917313 .911377 .904858 .897688 .889789	-.078760 -.084130 -.089985 -.096371 -.103342	-.074755 -.079566 -.084767 -.090389 -.096460	-.070723 -.074992 -.079565 -.084454 -.089670	-.066714 -.070465 -.074442 -.078643 -.083064
-1.5	1.832050 1.813733 1.792624 1.768221 1.739920	1.832640 1.814429 1.793444 1.769188 1.741075	1.834397 1.816500 1.795889 1.772070 1.744463	1.837283 1.819905 1.799909 1.776815 1.750053	1.841235 1.824569 1.805421 1.783333 1.757752	1.846167 1.830390 1.812306 1.791489 1.767417	1.851970 1.837237 1.820410 1.801104 1.778843	1.858512 1.844952 1.829541 1.811948 1.791761	1.865649 1.853356 1.839479 1.823750 1.805838	1.873223 1.862254 1.849980 1.836203 1.820684	.881075 .871446 .860792 .848986 .835883	-.110954 -.119263 -.128332 -.138219 -.148979	-.103008 -.110055 -.117618 -.125699 -.134278	-.095217 -.101088 -.107263 -.113699 -.120320	-.087689 -.092489 -.097418 -.102402 -.107329
-1.0	1.707107 1.668965 1.624695 1.573462 1.514496	1.708432 1.670496 1.626438 1.575402 1.516587	1.712393 1.675084 1.631676 1.581256 1.522928	1.718948 1.682708 1.640430 1.591112 1.533706	1.728013 1.693315 1.652710 1.605092 1.549216	1.739447 1.706791 1.668474 1.623295 1.569797	1.753034 1.722928 1.687568 1.645711 1.595732	1.768463 1.741389 1.709662 1.672099 1.627045	1.785327 1.761682 1.734186 1.701849 1.663225	1.803129 1.783167 1.760312 1.733899 1.702957	.821319 .805103 .787012 .766781 .744082	-.160657 -.173273 -.186804 -.201137 -.215990	-.143298 -.152645 -.162106 -.171298 -.179540	-.127000 -.133534 -.139599 -.144679 -.147949	-.112032 -.116264 -.119663 -.121698 -.121593
-.5	1.447214 1.371391 1.287348 1.196116 1.099504	1.449369 1.373472 1.289174 1.197487 1.100242	1.455938 1.379855 1.294810 1.201740 1.102540	1.467233 1.390970 1.304751 1.209329 1.106674	1.483774 1.407582 1.319931 1.221146 1.113203	1.506266 1.430846 1.341896 1.238796 1.123189	1.535504 1.462327 1.373089 1.265162 1.138731	1.572120 1.503833 1.417135 1.305570 1.164417	1.616079 1.556714 1.478602 1.369864 1.212011	1.665956 1.620211 1.560303 1.473047 1.318283	.718499 .689469 .656165 .617208 .569709	-.230723 -.243881 -.251912 -.244877 -.189386	-.185597 -.187153 -.179700 -.154388 -.096476	-.148087 -.142960 -.129236 -.102316 -.058248	-.118235 -.110079 -.095185 -.071660 -.038992

		$H_2(r,z)$														
z	r	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-5.0		-.017198	-.016924	-.016640	-.016347	-.016047	-.015739	-.015426	-.015109	-.014788	-.014464	-.014138	-.013812	-.013486	-.013160	-.012836
		-.017805	-.017512	-.017208	-.016894	-.016573	-.016245	-.015911	-.015573	-.015231	-.014887	-.014541	-.014195	-.013849	-.013505	-.013162
		-.018444	-.018129	-.017803	-.017467	-.017123	-.016773	-.016416	-.016055	-.015691	-.015325	-.014958	-.014591	-.014224	-.013860	-.013497
		-.019115	-.018776	-.018427	-.018067	-.017699	-.017324	-.016943	-.016558	-.016170	-.015780	-.015390	-.015000	-.014611	-.014225	-.013842
		-.019821	-.019457	-.019081	-.018695	-.018301	-.017899	-.017492	-.017081	-.016667	-.016252	-.015837	-.015422	-.015010	-.014601	-.014195
-4.5		-.020565	-.020173	-.019769	-.019354	-.018931	-.018500	-.018065	-.017625	-.017184	-.016741	-.016299	-.015859	-.015421	-.014987	-.014558
		-.021348	-.020926	-.020491	-.020045	-.019590	-.019129	-.018662	-.018192	-.017720	-.017248	-.016778	-.016309	-.015844	-.015384	-.014930
		-.022174	-.021718	-.021249	-.020770	-.020281	-.019785	-.019285	-.018782	-.018278	-.017774	-.017272	-.016774	-.016280	-.015792	-.015311
		-.023045	-.022553	-.022047	-.021530	-.021004	-.020472	-.019935	-.019396	-.018857	-.018319	-.017784	-.017253	-.016728	-.016210	-.015701
		-.023965	-.023432	-.022886	-.022328	-.021762	-.021189	-.020613	-.020035	-.019458	-.018883	-.018312	-.017747	-.017189	-.016639	-.016099
-4.0		-.024936	-.024359	-.023768	-.023166	-.022555	-.021939	-.021320	-.020700	-.020081	-.019466	-.018857	-.018255	-.017661	-.017077	-.016505
		-.025963	-.025337	-.024697	-.024046	-.023387	-.022723	-.022057	-.021391	-.020728	-.020070	-.019419	-.018777	-.018146	-.017526	-.016918
		-.027049	-.026369	-.025675	-.024971	-.024259	-.023542	-.022825	-.022109	-.021398	-.020694	-.019999	-.019314	-.018642	-.017983	-.017339
		-.028197	-.027459	-.026706	-.025942	-.025172	-.024398	-.023625	-.022856	-.022093	-.021338	-.020595	-.019864	-.019148	-.018448	-.017766
		-.029414	-.028610	-.027791	-.026963	-.026129	-.025293	-.024459	-.023631	-.022811	-.022003	-.021208	-.020428	-.019665	-.018921	-.018197
-3.5		-.030703	-.029826	-.028935	-.028035	-.027131	-.026227	-.025327	-.024435	-.023554	-.022687	-.021836	-.021004	-.020192	-.019401	-.018633
		-.032068	-.031111	-.030140	-.029162	-.028181	-.027202	-.026230	-.025269	-.024321	-.023391	-.022480	-.021591	-.020726	-.019885	-.019071
		-.033517	-.032470	-.031411	-.030345	-.029280	-.028219	-.027168	-.026131	-.025112	-.024113	-.023138	-.022189	-.021267	-.020373	-.019510
		-.035054	-.033907	-.032750	-.031589	-.030430	-.029279	-.028142	-.027023	-.025926	-.024853	-.023809	-.022795	-.021812	-.020863	-.019948
		-.036685	-.035427	-.034161	-.032894	-.031632	-.030383	-.029152	-.027943	-.026761	-.025610	-.024491	-.023408	-.022361	-.021352	-.020382
-3.0		-.038417	-.037035	-.035648	-.034263	-.032888	-.031531	-.030197	-.028891	-.027617	-.026380	-.025182	-.024024	-.022909	-.021838	-.020810
		-.040256	-.038736	-.037214	-.035699	-.034199	-.032723	-.031276	-.029864	-.028492	-.027162	-.025878	-.024642	-.023455	-.022317	-.021229
		-.042209	-.040535	-.038862	-.037203	-.035565	-.033958	-.032388	-.030861	-.029382	-.027953	-.026578	-.025258	-.023994	-.022787	-.021635
		-.044283	-.042435	-.040596	-.038776	-.036986	-.035236	-.033531	-.031879	-.030284	-.028749	-.027276	-.025867	-.024523	-.023242	-.022025
		-.046486	-.044444	-.042417	-.040419	-.038461	-.036553	-.034702	-.032914	-.031194	-.029544	-.027968	-.026465	-.025035	-.023679	-.022393
-2.5		-.048824	-.046563	-.044328	-.042132	-.039989	-.037907	-.035896	-.033961	-.032106	-.030334	-.028647	-.027045	-.025527	-.024091	-.022735
		-.051305	-.048798	-.046329	-.043913	-.041565	-.039293	-.037107	-.035013	-.033013	-.031112	-.029308	-.027601	-.025990	-.024472	-.023045
		-.053935	-.051151	-.048420	-.045760	-.043184	-.040704	-.038329	-.036062	-.033908	-.031868	-.029941	-.028125	-.026418	-.024816	-.023315
		-.056719	-.053623	-.050599	-.047667	-.044841	-.042133	-.039551	-.037099	-.034780	-.032593	-.030537	-.028608	-.026803	-.025115	-.023540
		-.059663	-.056214	-.052861	-.049627	-.046525	-.043568	-.040762	-.038112	-.035617	-.033276	-.031085	-.029040	-.027134	-.025360	-.023710
-2.0		-.062767	-.058920	-.055199	-.051629	-.048223	-.044994	-.041948	-.039085	-.036404	-.033903	-.031573	-.029408	-.027400	-.025540	-.023818
		-.066032	-.061734	-.057602	-.053658	-.049919	-.046395	-.043089	-.040001	-.037126	-.034457	-.031985	-.029700	-.027591	-.025646	-.023854
		-.069454	-.064645	-.060051	-.055695	-.051591	-.047748	-.044165	-.040839	-.037761	-.034921	-.032305	-.029901	-.027692	-.025666	-.023807
		-.073020	-.067636	-.062525	-.057712	-.053211	-.049024	-.045148	-.041573	-.038287	-.035274	-.032515	-.029993	-.027690	-.025587	-.023668
		-.076715	-.070678	-.064991	-.059676	-.054743	-.050189	-.046005	-.042174	-.038677	-.035491	-.032593	-.029960	-.027568	-.025396	-.023424
-1.5		-.080508	-.073734	-.067406	-.061542	-.056144	-.051203	-.046699	-.042608	-.038901	-.035547	-.032517	-.029781	-.027311	-.025080	-.023065
		-.084355	-.076751	-.069713	-.063251	-.057358	-.052013	-.047184	-.042834	-.038923	-.035412	-.032263	-.029437	-.026901	-.024625	-.022579
		-.088194	-.079656	-.071836	-.064731	-.058319	-.052560	-.047407	-.042807	-.038707	-.035055	-.031803	-.028906	-.026322	-.024016	-.021954
		-.091931	-.082351	-.073678	-.065892	-.058944	-.052773	-.047308	-.042477	-.038210	-.034442	-.031112	-.028166	-.025557	-.023241	-.021182
		-.095438	-.084702	-.075114	-.066618	-.059135	-.052568	-.046818	-.041789	-.037390	-.033539	-.030163	-.027198	-.024589	-.022287	-.020252
-1.0		-.098533	-.086533	-.075981	-.066772	-.058776	-.051853	-.045865	-.040686	-.036201	-.032311	-.028929	-.025981	-.023404	-.021145	-.019158
		-.100964	-.087610	-.076079	-.066187	-.057735	-.050524	-.044369	-.039108	-.034601	-.030728	-.027390	-.024501	-.021993	-.019807	-.017895
		-.102383	-.087630	-.075158	-.064669	-.055865	-.048473	-.042252	-.037000	-.032550	-.028763	-.025525	-.022745	-.020347	-.018268	-.016460
		-.102316	-.086207	-.072924	-.062000	-.053011	-.045592	-.039441	-.034314	-.030018	-.026396	-.023326	-.020708	-.018464	-.016531	-.014856
		-.100128	-.082864	-.069039	-.057953	-.049024	-.041787	-.035878	-.031016	-.026986	-.023620	-.020790	-.018393	-.016350	-.014599	-.013090
-.5		-.095002	-.077051	-.063153	-.052314	-.043781	-.036991	-.031530	-.027094	-.023455	-.020442	-.017926	-.015810	-.014016	-.012485	-.011171
		-.085961	-.068200	-.054957	-.044929	-.037212	-.031183	-.026403	-.022565	-.019446	-.016884	-.014759	-.012981	-.011481	-.010207	-.009116
		-.072013	-.055855	-.044275	-.035756	-.029340	-.024409	-.020549	-.017481	-.015008	-.012990	-.011325	-.009939	-.008774	-.007787	-.006945
		-.052529	-.039908	-.031188	-.024933	-.020307	-.016798	-.014079	-.011935	-.010217	-.008823	-.007677	-.006726	-.005929	-.005256	-.004683
		-.027881	-.020866	-.016148	-.012822	-.010392	-.008565	-.007159	-.006055	-.005174	-.004462	-.003878	-.003394	-.002989	-.002648	-.002358

		$H_z(r, z)$														
r		3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
z																
-5.0		-.012514	-.012195	-.011879	-.011566	-.011258	-.010955	-.010656	-.010363	-.010075	-.009793	-.009517	-.009246	-.008982	-.008725	-.008473
		-.012822	-.012486	-.012153	-.011824	-.011501	-.011182	-.010869	-.010562	-.010261	-.009967	-.009679	-.009397	-.009123	-.008855	-.008594
		-.013139	-.012783	-.012433	-.012087	-.011747	-.011413	-.011085	-.010764	-.010449	-.010142	-.009841	-.009548	-.009262	-.008984	-.008713
		-.013463	-.013088	-.012719	-.012355	-.011998	-.011647	-.011304	-.010967	-.010638	-.010317	-.010004	-.009699	-.009401	-.009112	-.008831
		-.013795	-.013400	-.013010	-.012628	-.012252	-.011884	-.011524	-.011172	-.010828	-.010493	-.010167	-.009849	-.009540	-.009239	-.008947
-4.5		-.014135	-.013718	-.013308	-.012905	-.012510	-.012124	-.011747	-.011378	-.011019	-.010669	-.010328	-.009997	-.009676	-.009364	-.009062
		-.014482	-.014042	-.013610	-.013186	-.012771	-.012366	-.011970	-.011585	-.011209	-.010844	-.010489	-.010145	-.009811	-.009487	-.009173
		-.014838	-.014373	-.013917	-.013471	-.013035	-.012609	-.012195	-.011791	-.011399	-.011018	-.010648	-.010290	-.009943	-.009607	-.009282
		-.015200	-.014709	-.014228	-.013759	-.013300	-.012854	-.012419	-.011997	-.011588	-.011190	-.010805	-.010432	-.010072	-.009723	-.009387
		-.015569	-.015050	-.014543	-.014049	-.013567	-.013099	-.012644	-.012202	-.011774	-.011360	-.010959	-.010572	-.010197	-.009836	-.009488
-4.0		-.015944	-.015396	-.014862	-.014341	-.013835	-.013344	-.012867	-.012406	-.011959	-.011527	-.011110	-.010707	-.010319	-.009944	-.009584
		-.016325	-.015746	-.015183	-.014635	-.014103	-.013588	-.013089	-.012606	-.012140	-.011690	-.011256	-.010838	-.010435	-.010047	-.009675
		-.016711	-.016100	-.015505	-.014929	-.014370	-.013830	-.013307	-.012803	-.012317	-.011848	-.011397	-.010963	-.010545	-.010144	-.009759
		-.017101	-.016455	-.015829	-.015222	-.014635	-.014069	-.013522	-.012995	-.012488	-.012001	-.011532	-.011082	-.010649	-.010235	-.009837
		-.017494	-.016812	-.016151	-.015513	-.014897	-.014304	-.013732	-.013182	-.012654	-.012147	-.011660	-.011193	-.010746	-.010317	-.009907
-3.5		-.017888	-.017168	-.016472	-.015801	-.015155	-.014533	-.013936	-.013362	-.012812	-.012285	-.011780	-.011296	-.010834	-.010392	-.009969
		-.018283	-.017523	-.016790	-.016084	-.015407	-.014756	-.014132	-.013534	-.012961	-.012414	-.011890	-.011390	-.010912	-.010456	-.010021
		-.018677	-.017874	-.017102	-.016361	-.015650	-.014970	-.014318	-.013695	-.013100	-.012532	-.011990	-.011473	-.010980	-.010510	-.010063
		-.019066	-.018220	-.017408	-.016629	-.015885	-.015173	-.014494	-.013846	-.013228	-.012639	-.012078	-.011544	-.011036	-.010553	-.010094
		-.019450	-.018558	-.017704	-.016887	-.016108	-.015365	-.014657	-.013983	-.013342	-.012732	-.012153	-.011602	-.011080	-.010583	-.010112
-3.0		-.019826	-.018885	-.017988	-.017132	-.016317	-.015542	-.014805	-.014105	-.013441	-.012811	-.012213	-.011646	-.011108	-.010599	-.010117
		-.020190	-.019200	-.018257	-.017361	-.016510	-.015702	-.014936	-.014210	-.013523	-.012872	-.012256	-.011673	-.011122	-.010600	-.010107
		-.020540	-.019498	-.018509	-.017572	-.016684	-.015843	-.015048	-.014296	-.013586	-.012915	-.012282	-.011683	-.011118	-.010585	-.010081
		-.020870	-.019776	-.018740	-.017760	-.016835	-.015962	-.015138	-.014361	-.013628	-.012938	-.012287	-.011674	-.011096	-.010552	-.010039
		-.021178	-.020029	-.018945	-.017924	-.016961	-.016055	-.015203	-.014401	-.013647	-.012937	-.012271	-.011644	-.011054	-.010500	-.009978
-2.5		-.021457	-.020254	-.019122	-.018058	-.017059	-.016121	-.015240	-.014414	-.013639	-.012912	-.012231	-.011591	-.010991	-.010427	-.009898
		-.021703	-.020444	-.019264	-.018159	-.017123	-.016154	-.015247	-.014398	-.013604	-.012861	-.012165	-.011514	-.010904	-.010333	-.009798
		-.021910	-.020596	-.019368	-.018221	-.017151	-.016152	-.015220	-.014350	-.013538	-.012780	-.012072	-.011411	-.010793	-.010216	-.009675
		-.022071	-.020702	-.019428	-.018242	-.017138	-.016111	-.015155	-.014266	-.013438	-.012667	-.011949	-.011280	-.010656	-.010074	-.009531
		-.022179	-.020757	-.019438	-.018214	-.017079	-.016027	-.015050	-.014144	-.013302	-.012521	-.011795	-.011120	-.010491	-.009907	-.009362
-2.0		-.022225	-.020753	-.019392	-.018134	-.016971	-.015895	-.014901	-.013980	-.013128	-.012339	-.011607	-.010928	-.010298	-.009712	-.009168
		-.022203	-.020683	-.019284	-.017995	-.016807	-.015713	-.014704	-.013773	-.012913	-.012119	-.011384	-.010704	-.010074	-.009490	-.008948
		-.022103	-.020540	-.019107	-.017792	-.016584	-.015475	-.014456	-.013518	-.012654	-.011858	-.011124	-.010446	-.009819	-.009239	-.008702
		-.021916	-.020316	-.018855	-.017519	-.016297	-.015179	-.014154	-.013213	-.012350	-.011556	-.010826	-.010153	-.009532	-.008959	-.008429
		-.021632	-.020003	-.018521	-.017172	-.015942	-.014819	-.013794	-.012856	-.011997	-.011210	-.010487	-.009823	-.009211	-.008647	-.008127
-1.5		-.021242	-.019593	-.018099	-.016744	-.015513	-.014393	-.013374	-.012444	-.011595	-.010819	-.010108	-.009456	-.008856	-.008305	-.007798
		-.020737	-.019079	-.017583	-.016231	-.015007	-.013898	-.012892	-.011976	-.011142	-.010382	-.009687	-.009051	-.008467	-.007932	-.007444
		-.020109	-.018454	-.016966	-.015628	-.014421	-.013331	-.012345	-.011450	-.010637	-.009898	-.009223	-.008607	-.008044	-.007528	-.007050
		-.019348	-.017711	-.016246	-.014933	-.013753	-.012691	-.011732	-.010865	-.010080	-.009366	-.008718	-.008126	-.007586	-.007092	-.006640
		-.018449	-.016846	-.015418	-.014142	-.013000	-.011975	-.011053	-.010221	-.009469	-.008788	-.008170	-.007608	-.007095	-.006627	-.006199
-1.0		-.017406	-.015855	-.014480	-.013255	-.012163	-.011185	-.010308	-.009519	-.008807	-.008164	-.007582	-.007052	-.006571	-.006132	-.005731
		-.016216	-.014738	-.013431	-.012272	-.011241	-.010321	-.009498	-.008760	-.008095	-.007495	-.006953	-.006462	-.006016	-.005609	-.005238
		-.014880	-.013494	-.012273	-.011194	-.010237	-.009386	-.008626	-.007945	-.007334	-.006784	-.006287	-.005838	-.005430	-.005060	-.004722
		-.013400	-.012127	-.011010	-.010025	-.009155	-.008382	-.007694	-.007079	-.006528	-.006033	-.005586	-.005183	-.004817	-.004486	-.004184
		-.011782	-.010643	-.009647	-.008771	-.007999	-.007315	-.006707	-.006165	-.005680	-.005245	-.004853	-.004499	-.004179	-.003889	-.003625
-.5		-.010037	-.009052	-.008193	-.007439	-.006777	-.006191	-.005671	-.005208	-.004794	-.004424	-.004091	-.003790	-.003519	-.003273	-.003049
		-.008178	-.007365	-.006658	-.006039	-.005496	-.005016	-.004591	-.004213	-.003876	-.003575	-.003304	-.003059	-.002839	-.002639	-.002458
		-.006222	-.005598	-.005055	-.004582	-.004166	-.003800	-.003476	-.003188	-.002931	-.002702	-.002496	-.002311	-.002143	-.001992	-.001855
		-.004192	-.003766	-.003400	-.003080	-.002799	-.002552	-.002333	-.002139	-.001966	-.001811	-.001673	-.001548	-.001436	-.001334	-.001242
		-.002109	-.001895	-.001709	-.001548	-.001406	-.001281	-.001171	-.001074	-.000987	-.000909	-.000839	-.000776	-.000720	-.000669	-.000622

		H ₂ (r,z)														
r	z	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
-5.0		-.008228	-.007989	-.007757	-.007530	-.007310	-.007097	-.006889	-.006687	-.006492	-.006302	-.006117	-.005939	-.005766	-.005598	-.005435
		-.008339	-.008092	-.007851	-.007617	-.007390	-.007170	-.006956	-.006748	-.006547	-.006352	-.006163	-.005979	-.005802	-.005630	-.005464
		-.008449	-.008193	-.007944	-.007703	-.007468	-.007241	-.007020	-.006807	-.006600	-.006399	-.006205	-.006017	-.005836	-.005660	-.005490
		-.008558	-.008293	-.008035	-.007786	-.007544	-.007309	-.007082	-.006862	-.006650	-.006444	-.006245	-.006053	-.005867	-.005687	-.005513
		-.008664	-.008390	-.008124	-.007866	-.007616	-.007375	-.007141	-.006915	-.006697	-.006486	-.006282	-.006085	-.005895	-.005711	-.005533
-4.5		-.008768	-.008484	-.008209	-.007943	-.007686	-.007438	-.007197	-.006965	-.006741	-.006524	-.006315	-.006114	-.005919	-.005731	-.005550
		-.008870	-.008576	-.008292	-.008018	-.007753	-.007497	-.007250	-.007011	-.006781	-.006559	-.006345	-.006139	-.005940	-.005749	-.005564
		-.008968	-.008664	-.008371	-.008088	-.007815	-.007552	-.007298	-.007053	-.006818	-.006590	-.006372	-.006161	-.005958	-.005762	-.005574
		-.009062	-.008748	-.008446	-.008154	-.007873	-.007603	-.007342	-.007091	-.006850	-.006617	-.006394	-.006178	-.005971	-.005772	-.005580
		-.009152	-.008828	-.008516	-.008216	-.007927	-.007649	-.007382	-.007125	-.006877	-.006640	-.006411	-.006191	-.005980	-.005777	-.005582
-4.0		-.009237	-.008903	-.008582	-.008273	-.007976	-.007690	-.007416	-.007153	-.006900	-.006657	-.006424	-.006200	-.005985	-.005778	-.005580
		-.009316	-.008972	-.008641	-.008324	-.008019	-.007726	-.007445	-.007176	-.006917	-.006669	-.006431	-.006203	-.005984	-.005774	-.005573
		-.009390	-.009035	-.008695	-.008368	-.008055	-.007755	-.007468	-.007192	-.006929	-.006676	-.006433	-.006201	-.005979	-.005766	-.005561
		-.009456	-.009091	-.008741	-.008406	-.008085	-.007778	-.007484	-.007203	-.006934	-.006676	-.006430	-.006194	-.005968	-.005751	-.005545
		-.009515	-.009139	-.008780	-.008436	-.008108	-.007794	-.007494	-.007207	-.006932	-.006670	-.006420	-.006180	-.005951	-.005732	-.005522
-3.5		-.009565	-.009179	-.008811	-.008459	-.008123	-.007802	-.007496	-.007203	-.006924	-.006658	-.006403	-.006160	-.005928	-.005706	-.005494
		-.009606	-.009210	-.008832	-.008472	-.008129	-.007802	-.007490	-.007192	-.006908	-.006638	-.006380	-.006133	-.005898	-.005674	-.005460
		-.009637	-.009231	-.008845	-.008477	-.008126	-.007793	-.007475	-.007173	-.006885	-.006610	-.006349	-.006100	-.005862	-.005636	-.005420
		-.009657	-.009241	-.008846	-.008471	-.008114	-.007774	-.007451	-.007144	-.006852	-.006575	-.006310	-.006059	-.005819	-.005591	-.005374
		-.009664	-.009240	-.008837	-.008454	-.008091	-.007746	-.007418	-.007107	-.006811	-.006531	-.006264	-.006010	-.005769	-.005539	-.005321
-3.0		-.009659	-.009226	-.008815	-.008425	-.008056	-.007706	-.007375	-.007060	-.006761	-.006478	-.006209	-.005953	-.005711	-.005480	-.005261
		-.009640	-.009198	-.008780	-.008385	-.008010	-.007656	-.007320	-.007002	-.006701	-.006416	-.006145	-.005888	-.005645	-.005413	-.005194
		-.009605	-.009156	-.008732	-.008331	-.007952	-.007594	-.007255	-.006934	-.006631	-.006344	-.006072	-.005814	-.005570	-.005339	-.005119
		-.009555	-.009099	-.008669	-.008263	-.007880	-.007519	-.007177	-.006855	-.006550	-.006262	-.005990	-.005732	-.005487	-.005256	-.005037
		-.009487	-.009025	-.008590	-.008181	-.007795	-.007431	-.007088	-.006764	-.006458	-.006170	-.005897	-.005640	-.005396	-.005165	-.004947
-2.5		-.009401	-.008934	-.008495	-.008083	-.007695	-.007329	-.006985	-.006661	-.006355	-.006067	-.005795	-.005538	-.005296	-.005066	-.004849
		-.009296	-.008825	-.008383	-.007969	-.007579	-.007213	-.006869	-.006545	-.006240	-.005953	-.005682	-.005427	-.005186	-.004958	-.004744
		-.009170	-.008697	-.008254	-.007838	-.007449	-.007083	-.006739	-.006417	-.006113	-.005828	-.005559	-.005306	-.005067	-.004842	-.004629
		-.009023	-.008549	-.008105	-.007690	-.007301	-.006937	-.006595	-.006275	-.005974	-.005691	-.005425	-.005174	-.004939	-.004717	-.004507
		-.008854	-.008380	-.007937	-.007524	-.007138	-.006776	-.006437	-.006120	-.005822	-.005542	-.005280	-.005033	-.004801	-.004582	-.004376
-2.0		-.008661	-.008190	-.007750	-.007340	-.006956	-.006599	-.006264	-.005950	-.005657	-.005382	-.005124	-.004881	-.004653	-.004439	-.004237
		-.008445	-.007977	-.007542	-.007136	-.006758	-.006405	-.006075	-.005767	-.005479	-.005209	-.004956	-.004719	-.004496	-.004287	-.004090
		-.008204	-.007742	-.007313	-.006913	-.006541	-.006195	-.005872	-.005570	-.005288	-.005024	-.004777	-.004546	-.004329	-.004125	-.003934
		-.007938	-.007474	-.007062	-.006671	-.006307	-.005968	-.005653	-.005359	-.005084	-.004828	-.004588	-.004363	-.004153	-.003955	-.003770
		-.007647	-.007202	-.006791	-.006409	-.006055	-.005725	-.005419	-.005134	-.004867	-.004619	-.004387	-.004170	-.003967	-.003776	-.003597
-1.5		-.007330	-.006897	-.006498	-.006127	-.005784	-.005466	-.005170	-.004894	-.004638	-.004398	-.004175	-.003966	-.003771	-.003588	-.003417
		-.006987	-.006569	-.006183	-.005826	-.005496	-.005190	-.004905	-.004641	-.004395	-.004166	-.003953	-.003753	-.003567	-.003392	-.003229
		-.006616	-.006217	-.005847	-.005506	-.005190	-.004897	-.004626	-.004375	-.004141	-.003923	-.003720	-.003530	-.003354	-.003188	-.003034
		-.006224	-.005843	-.005491	-.005166	-.004867	-.004590	-.004333	-.004095	-.003874	-.003668	-.003477	-.003298	-.003132	-.002976	-.002831
		-.005806	-.005446	-.005114	-.004809	-.004527	-.004267	-.004026	-.003803	-.003596	-.003403	-.003224	-.003058	-.002902	-.002757	-.002621
-1.0		-.005364	-.005028	-.004718	-.004434	-.004172	-.003930	-.003706	-.003499	-.003307	-.003129	-.002963	-.002808	-.002665	-.002530	-.002405
		-.004900	-.004589	-.004304	-.004042	-.003801	-.003579	-.003374	-.003184	-.003008	-.002844	-.002693	-.002551	-.002420	-.002297	-.002183
		-.004414	-.004131	-.003873	-.003635	-.003417	-.003216	-.003030	-.002858	-.002699	-.002551	-.002414	-.002287	-.002169	-.002058	-.001955
		-.003908	-.003656	-.003426	-.003214	-.003020	-.002840	-.002675	-.002523	-.002381	-.002251	-.002129	-.002016	-.001911	-.001814	-.001722
		-.003385	-.003165	-.002964	-.002780	-.002611	-.002455	-.002311	-.002179	-.002056	-.001943	-.001837	-.001740	-.001649	-.001564	-.001485
-.5		-.002846	-.002660	-.002490	-.002335	-.002192	-.002060	-.001939	-.001828	-.001724	-.001629	-.001540	-.001458	-.001381	-.001310	-.001244
		-.002293	-.002143	-.002005	-.001880	-.001764	-.001658	-.001560	-.001470	-.001387	-.001309	-.001238	-.001172	-.001110	-.001052	-.000999
		-.001730	-.001616	-.001512	-.001417	-.001329	-.001249	-.001175	-.001107	-.001044	-.000986	-.000932	-.000882	-.000835	-.000792	-.000752
		-.001158	-.001081	-.001012	-.000948	-.000889	-.000835	-.000786	-.000740	-.000698	-.000659	-.000623	-.000589	-.000558	-.000529	-.000502
		-.000580	-.000542	-.000507	-.000475	-.000446	-.000419	-.000394	-.000371	-.000350	-.000330	-.000312	-.000295	-.000280	-.000265	-.000251

		$H_z(r,z)$														
r		6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
z																
-5.0		-.005278	-.005125	-.004977	-.004834	-.004696	-.004562	-.004432	-.004306	-.004185	-.004067	-.003953	-.003843	-.003736	-.003633	-.003533
		-.005303	-.005147	-.004996	-.004850	-.004709	-.004573	-.004441	-.004313	-.004190	-.004070	-.003955	-.003843	-.003735	-.003630	-.003529
		-.005325	-.005166	-.005013	-.004864	-.004720	-.004581	-.004447	-.004317	-.004192	-.004071	-.003954	-.003840	-.003731	-.003625	-.003523
		-.005345	-.005183	-.005026	-.004875	-.004729	-.004587	-.004451	-.004319	-.004192	-.004069	-.003950	-.003836	-.003725	-.003618	-.003515
		-.005362	-.005197	-.005037	-.004883	-.004734	-.004591	-.004452	-.004319	-.004190	-.004065	-.003945	-.003829	-.003717	-.003609	-.003505
-4.5		-.005376	-.005207	-.005045	-.004888	-.004737	-.004591	-.004451	-.004315	-.004185	-.004058	-.003937	-.003820	-.003706	-.003597	-.003492
		-.005386	-.005216	-.005049	-.004890	-.004737	-.004589	-.004446	-.004309	-.004177	-.004049	-.003926	-.003808	-.003694	-.003583	-.003477
		-.005393	-.005218	-.005050	-.004889	-.004733	-.004583	-.004439	-.004300	-.004166	-.004037	-.003913	-.003793	-.003678	-.003567	-.003460
		-.005396	-.005219	-.005048	-.004884	-.004726	-.004574	-.004428	-.004288	-.004152	-.004022	-.003897	-.003776	-.003660	-.003548	-.003440
		-.005395	-.005215	-.005042	-.004875	-.004716	-.004562	-.004414	-.004272	-.004135	-.004004	-.003878	-.003756	-.003639	-.003527	-.003418
-4.0		-.005390	-.005207	-.005032	-.004863	-.004701	-.004546	-.004397	-.004253	-.004115	-.003983	-.003856	-.003733	-.003615	-.003502	-.003393
		-.005380	-.005195	-.005017	-.004847	-.004683	-.004526	-.004375	-.004231	-.004092	-.003958	-.003830	-.003707	-.003589	-.003475	-.003366
		-.005366	-.005178	-.004998	-.004826	-.004661	-.004502	-.004350	-.004205	-.004065	-.003931	-.003802	-.003678	-.003559	-.003445	-.003336
		-.005346	-.005157	-.004975	-.004801	-.004634	-.004475	-.004321	-.004175	-.004034	-.003899	-.003770	-.003646	-.003527	-.003412	-.003303
		-.005322	-.005130	-.004947	-.004771	-.004603	-.004442	-.004288	-.004141	-.004000	-.003864	-.003735	-.003610	-.003491	-.003376	-.003267
-3.5		-.005292	-.005098	-.004914	-.004737	-.004568	-.004406	-.004251	-.004103	-.003961	-.003826	-.003696	-.003571	-.003452	-.003337	-.003228
		-.005256	-.005061	-.004875	-.004697	-.004527	-.004365	-.004210	-.004061	-.003919	-.003783	-.003653	-.003529	-.003409	-.003295	-.003186
		-.005215	-.005019	-.004831	-.004653	-.004482	-.004319	-.004164	-.004015	-.003873	-.003737	-.003607	-.003483	-.003364	-.003250	-.003141
		-.005167	-.004970	-.004782	-.004603	-.004432	-.004269	-.004113	-.003964	-.003822	-.003687	-.003557	-.003433	-.003314	-.003201	-.003092
		-.005113	-.004915	-.004727	-.004547	-.004376	-.004213	-.004057	-.003909	-.003767	-.003632	-.003503	-.003380	-.003262	-.003149	-.003041
-3.0		-.005053	-.004854	-.004666	-.004486	-.004315	-.004152	-.003997	-.003849	-.003708	-.003574	-.003445	-.003322	-.003205	-.003093	-.002986
		-.004985	-.004787	-.004599	-.004419	-.004249	-.004087	-.003932	-.003785	-.003645	-.003511	-.003383	-.003262	-.003145	-.003034	-.002928
		-.004911	-.004713	-.004525	-.004347	-.004177	-.004015	-.003862	-.003716	-.003576	-.003444	-.003317	-.003197	-.003082	-.002972	-.002867
		-.004829	-.004632	-.004445	-.004268	-.004099	-.003939	-.003786	-.003642	-.003504	-.003372	-.003247	-.003128	-.003014	-.002906	-.002803
		-.004740	-.004545	-.004359	-.004183	-.004015	-.003857	-.003706	-.003563	-.003426	-.003297	-.003173	-.003055	-.002943	-.002837	-.002735
-2.5		-.004644	-.004450	-.004266	-.004091	-.003926	-.003769	-.003620	-.003479	-.003344	-.003216	-.003095	-.002979	-.002869	-.002764	-.002664
		-.004540	-.004348	-.004166	-.003994	-.003831	-.003676	-.003529	-.003390	-.003257	-.003132	-.003012	-.002898	-.002790	-.002687	-.002589
		-.004429	-.004239	-.004060	-.003890	-.003729	-.003577	-.003433	-.003296	-.003166	-.003043	-.002925	-.002814	-.002708	-.002607	-.002511
		-.004309	-.004123	-.003946	-.003780	-.003622	-.003472	-.003331	-.003197	-.003070	-.002949	-.002835	-.002726	-.002622	-.002524	-.002430
		-.004182	-.003999	-.003826	-.003663	-.003508	-.003362	-.003224	-.003093	-.002969	-.002851	-.002740	-.002634	-.002533	-.002437	-.002346
-2.0		-.004047	-.003868	-.003699	-.003540	-.003389	-.003247	-.003112	-.002984	-.002864	-.002749	-.002641	-.002538	-.002440	-.002347	-.002258
		-.003904	-.003730	-.003565	-.003410	-.003264	-.003125	-.002994	-.002871	-.002754	-.002643	-.002537	-.002438	-.002343	-.002253	-.002168
		-.003754	-.003584	-.003425	-.003274	-.003132	-.002998	-.002872	-.002752	-.002639	-.002532	-.002430	-.002334	-.002243	-.002156	-.002074
		-.003595	-.003432	-.003278	-.003132	-.002995	-.002866	-.002744	-.002629	-.002520	-.002417	-.002319	-.002227	-.002139	-.002056	-.001977
		-.003430	-.003272	-.003124	-.002984	-.002853	-.002729	-.002612	-.002501	-.002397	-.002298	-.002205	-.002116	-.002032	-.001953	-.001877
-1.5		-.003256	-.003105	-.002964	-.002830	-.002705	-.002586	-.002475	-.002369	-.002270	-.002176	-.002087	-.002002	-.001922	-.001847	-.001775
		-.003076	-.002932	-.002797	-.002670	-.002551	-.002439	-.002333	-.002233	-.002138	-.002049	-.001965	-.001885	-.001809	-.001738	-.001670
		-.002889	-.002753	-.002625	-.002505	-.002392	-.002286	-.002186	-.002092	-.002003	-.001919	-.001840	-.001764	-.001693	-.001626	-.001562
		-.002695	-.002567	-.002447	-.002335	-.002229	-.002129	-.002036	-.001947	-.001864	-.001785	-.001711	-.001641	-.001574	-.001512	-.001452
		-.002494	-.002375	-.002264	-.002159	-.002061	-.001968	-.001881	-.001799	-.001722	-.001649	-.001580	-.001515	-.001453	-.001395	-.001339
-1.0		-.002288	-.002178	-.002075	-.001979	-.001888	-.001803	-.001723	-.001647	-.001576	-.001509	-.001446	-.001386	-.001329	-.001276	-.001225
		-.002076	-.001976	-.001882	-.001794	-.001711	-.001634	-.001561	-.001492	-.001427	-.001366	-.001309	-.001254	-.001203	-.001154	-.001108
		-.001859	-.001769	-.001684	-.001605	-.001531	-.001461	-.001396	-.001334	-.001276	-.001221	-.001170	-.001121	-.001075	-.001031	-.000990
		-.001637	-.001557	-.001483	-.001413	-.001347	-.001286	-.001228	-.001173	-.001122	-.001074	-.001028	-.000985	-.000945	-.000906	-.000870
		-.001411	-.001342	-.001278	-.001217	-.001161	-.001107	-.001057	-.001010	-.000966	-.000924	-.000885	-.000848	-.000813	-.000780	-.000748
-.5		-.001182	-.001124	-.001070	-.001019	-.000971	-.000927	-.000885	-.000845	-.000808	-.000773	-.000740	-.000709	-.000680	-.000652	-.000625
		-.000949	-.000902	-.000859	-.000818	-.000780	-.000744	-.000710	-.000678	-.000648	-.000620	-.000594	-.000569	-.000545	-.000523	-.000502
		-.000714	-.000679	-.000646	-.000615	-.000586	-.000559	-.000534	-.000510	-.000487	-.000466	-.000446	-.000427	-.000410	-.000393	-.000377
		-.000477	-.000453	-.000432	-.000411	-.000392	-.000374	-.000357	-.000341	-.000326	-.000311	-.000298	-.000285	-.000274	-.000262	-.000252
		-.000239	-.000227	-.000216	-.000206	-.000196	-.000187	-.000178	-.000170	-.000163	-.000156	-.000149	-.000143	-.000137	-.000131	-.000126

		$H_z(r,z)$														
r		7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
z																
-5.0		-.003437	-.003343	-.003252	-.003165	-.003080	-.002998	-.002918	-.002841	-.002766	-.002694	-.002624	-.002556	-.002491	-.002427	-.002365
		-.003431	-.003337	-.003245	-.003157	-.003071	-.002988	-.002908	-.002830	-.002755	-.002682	-.002612	-.002544	-.002478	-.002414	-.002352
		-.003424	-.003329	-.003236	-.003147	-.003060	-.002977	-.002896	-.002818	-.002742	-.002669	-.002598	-.002530	-.002464	-.002399	-.002337
		-.003415	-.003319	-.003225	-.003135	-.003048	-.002964	-.002883	-.002804	-.002728	-.002654	-.002583	-.002515	-.002448	-.002384	-.002321
		-.003404	-.003306	-.003212	-.003122	-.003034	-.002949	-.002868	-.002788	-.002712	-.002638	-.002567	-.002498	-.002431	-.002366	-.002304
-4.5		-.003390	-.003292	-.003198	-.003106	-.003018	-.002933	-.002851	-.002771	-.002694	-.002620	-.002549	-.002479	-.002413	-.002348	-.002285
		-.003375	-.003276	-.003181	-.003089	-.003000	-.002915	-.002832	-.002752	-.002675	-.002601	-.002529	-.002460	-.002393	-.002328	-.002265
		-.003357	-.003258	-.003162	-.003069	-.002980	-.002894	-.002811	-.002731	-.002654	-.002580	-.002508	-.002438	-.002371	-.002307	-.002244
		-.003337	-.003237	-.003140	-.003048	-.002958	-.002872	-.002789	-.002709	-.002631	-.002557	-.002485	-.002415	-.002348	-.002284	-.002221
		-.003314	-.003214	-.003117	-.003024	-.002934	-.002848	-.002765	-.002684	-.002607	-.002532	-.002460	-.002391	-.002324	-.002259	-.002197
-4.0		-.003289	-.003188	-.003091	-.002998	-.002908	-.002821	-.002738	-.002658	-.002580	-.002506	-.002434	-.002365	-.002298	-.002233	-.002171
		-.003261	-.003160	-.003063	-.002969	-.002879	-.002793	-.002710	-.002629	-.002552	-.002478	-.002406	-.002337	-.002270	-.002206	-.002144
		-.003231	-.003129	-.003032	-.002939	-.002849	-.002762	-.002679	-.002599	-.002522	-.002448	-.002376	-.002307	-.002241	-.002177	-.002115
		-.003197	-.003096	-.002999	-.002906	-.002816	-.002729	-.002646	-.002567	-.002490	-.002416	-.002345	-.002276	-.002210	-.002146	-.002085
		-.003161	-.003060	-.002963	-.002870	-.002780	-.002694	-.002612	-.002532	-.002456	-.002382	-.002311	-.002243	-.002177	-.002114	-.002053
-3.5		-.003123	-.003022	-.002925	-.002832	-.002743	-.002657	-.002575	-.002495	-.002419	-.002346	-.002276	-.002208	-.002143	-.002080	-.002020
		-.003081	-.002980	-.002884	-.002791	-.002702	-.002617	-.002535	-.002457	-.002381	-.002309	-.002239	-.002172	-.002107	-.002045	-.001985
		-.003036	-.002936	-.002840	-.002748	-.002660	-.002575	-.002494	-.002416	-.002341	-.002269	-.002200	-.002133	-.002069	-.002008	-.001949
		-.002989	-.002889	-.002794	-.002702	-.002615	-.002531	-.002450	-.002373	-.002299	-.002227	-.002159	-.002093	-.002030	-.001969	-.001911
		-.002938	-.002839	-.002744	-.002654	-.002567	-.002484	-.002404	-.002328	-.002254	-.002184	-.002116	-.002051	-.001989	-.001929	-.001871
-3.0		-.002884	-.002786	-.002692	-.002603	-.002517	-.002435	-.002356	-.002280	-.002208	-.002138	-.002071	-.002007	-.001946	-.001887	-.001830
		-.002827	-.002730	-.002638	-.002549	-.002464	-.002383	-.002305	-.002231	-.002159	-.002091	-.002025	-.001962	-.001901	-.001843	-.001787
		-.002767	-.002671	-.002580	-.002493	-.002409	-.002329	-.002252	-.002179	-.002109	-.002041	-.001976	-.001914	-.001855	-.001798	-.001743
		-.002704	-.002610	-.002520	-.002434	-.002351	-.002272	-.002197	-.002125	-.002056	-.001990	-.001926	-.001865	-.001807	-.001751	-.001697
		-.002638	-.002545	-.002456	-.002372	-.002291	-.002214	-.002140	-.002069	-.002001	-.001936	-.001874	-.001814	-.001757	-.001702	-.001650
-2.5		-.002568	-.002477	-.002390	-.002307	-.002228	-.002152	-.002080	-.002010	-.001944	-.001881	-.001820	-.001762	-.001706	-.001652	-.001601
		-.002496	-.002406	-.002321	-.002240	-.002163	-.002089	-.002018	-.001950	-.001885	-.001823	-.001764	-.001707	-.001653	-.001600	-.001550
		-.002420	-.002333	-.002250	-.002170	-.002095	-.002022	-.001953	-.001887	-.001824	-.001764	-.001706	-.001651	-.001598	-.001547	-.001498
		-.002341	-.002256	-.002175	-.002098	-.002024	-.001954	-.001887	-.001823	-.001761	-.001703	-.001647	-.001593	-.001541	-.001492	-.001445
		-.002259	-.002177	-.002098	-.002023	-.001952	-.001883	-.001818	-.001756	-.001697	-.001640	-.001585	-.001533	-.001484	-.001436	-.001390
-2.0		-.002174	-.002094	-.002018	-.001946	-.001876	-.001810	-.001747	-.001687	-.001630	-.001575	-.001522	-.001472	-.001424	-.001378	-.001334
		-.002086	-.002009	-.001936	-.001866	-.001799	-.001735	-.001674	-.001616	-.001561	-.001508	-.001458	-.001409	-.001363	-.001319	-.001276
		-.001996	-.001921	-.001851	-.001783	-.001719	-.001658	-.001599	-.001544	-.001491	-.001440	-.001391	-.001345	-.001301	-.001258	-.001218
		-.001902	-.001831	-.001763	-.001698	-.001637	-.001578	-.001522	-.001469	-.001418	-.001370	-.001324	-.001279	-.001237	-.001196	-.001158
		-.001806	-.001738	-.001673	-.001611	-.001553	-.001497	-.001444	-.001393	-.001344	-.001298	-.001254	-.001212	-.001172	-.001133	-.001096
-1.5		-.001707	-.001642	-.001581	-.001522	-.001466	-.001413	-.001363	-.001315	-.001269	-.001225	-.001183	-.001143	-.001105	-.001069	-.001034
		-.001605	-.001544	-.001486	-.001431	-.001378	-.001328	-.001281	-.001235	-.001192	-.001150	-.001111	-.001073	-.001037	-.001003	-.000970
		-.001502	-.001444	-.001389	-.001337	-.001288	-.001241	-.001196	-.001154	-.001113	-.001074	-.001037	-.001002	-.000968	-.000936	-.000905
		-.001395	-.001342	-.001291	-.001242	-.001196	-.001152	-.001111	-.001071	-.001033	-.000997	-.000963	-.000930	-.000898	-.000868	-.000840
		-.001287	-.001237	-.001190	-.001145	-.001103	-.001062	-.001024	-.000987	-.000952	-.000919	-.000887	-.000856	-.000827	-.000800	-.000773
-1.0		-.001177	-.001131	-.001088	-.001047	-.001008	-.000970	-.000935	-.000901	-.000869	-.000839	-.000810	-.000782	-.000755	-.000730	-.000706
		-.001064	-.001023	-.000984	-.000947	-.000911	-.000877	-.000845	-.000815	-.000786	-.000758	-.000732	-.000706	-.000682	-.000659	-.000637
		-.000951	-.000914	-.000878	-.000845	-.000813	-.000783	-.000754	-.000727	-.000701	-.000676	-.000653	-.000630	-.000609	-.000588	-.000568
		-.000835	-.000803	-.000772	-.000742	-.000714	-.000688	-.000662	-.000638	-.000615	-.000594	-.000573	-.000553	-.000534	-.000516	-.000499
		-.000718	-.000690	-.000664	-.000638	-.000614	-.000591	-.000569	-.000549	-.000529	-.000510	-.000492	-.000475	-.000459	-.000444	-.000429
-.5		-.000601	-.000577	-.000555	-.000533	-.000513	-.000494	-.000476	-.000458	-.000442	-.000426	-.000411	-.000397	-.000383	-.000370	-.000358
		-.000482	-.000463	-.000445	-.000428	-.000411	-.000396	-.000381	-.000368	-.000354	-.000342	-.000330	-.000318	-.000307	-.000297	-.000287
		-.000362	-.000348	-.000334	-.000321	-.000309	-.000298	-.000287	-.000276	-.000266	-.000257	-.000248	-.000239	-.000231	-.000223	-.000215
		-.000242	-.000232	-.000223	-.000214	-.000206	-.000199	-.000191	-.000184	-.000178	-.000171	-.000165	-.000160	-.000154	-.000149	-.000144
		-.000121	-.000116	-.000112	-.000107	-.000103	-.000099	-.000096	-.000092	-.000089	-.000086	-.000083	-.000080	-.000077	-.000074	-.000072

$H_z(r, z)$															
r	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
z															
-5.0	-.002306 -.002292 -.002277 -.002261 -.002244	-.002248 -.002234 -.002219 -.002203 -.002185	-.002192 -.002178 -.002162 -.002146 -.002129	-.002137 -.002123 -.002108 -.002091 -.002074	-.002084 -.002070 -.002055 -.002038 -.002021	-.002033 -.002019 -.002003 -.001987 -.001969	-.001984 -.001969 -.001954 -.001937 -.001920	-.001936 -.001921 -.001906 -.001889 -.001872	-.001889 -.001874 -.001859 -.001842 -.001825	-.001844 -.001829 -.001814 -.001797 -.001780	-.001800 -.001785 -.001770 -.001753 -.001736	-.001757 -.001742 -.001727 -.001711 -.001694	-.001716 -.001701 -.001686 -.001669 -.001652	-.001675 -.001661 -.001646 -.001630 -.001613	-.001636 -.001622 -.001607 -.001591 -.001574
-4.5	-.002225 -.002205 -.002184 -.002161 -.002137	-.002166 -.002146 -.002125 -.002103 -.002079	-.002110 -.002090 -.002069 -.002046 -.002022	-.002055 -.002035 -.002014 -.001992 -.001968	-.002002 -.001982 -.001961 -.001939 -.001916	-.001951 -.001931 -.001910 -.001888 -.001865	-.001901 -.001882 -.001861 -.001839 -.001816	-.001853 -.001834 -.001813 -.001791 -.001769	-.001807 -.001787 -.001767 -.001745 -.001723	-.001761 -.001742 -.001722 -.001701 -.001679	-.001718 -.001699 -.001679 -.001658 -.001636	-.001676 -.001657 -.001637 -.001616 -.001594	-.001635 -.001616 -.001596 -.001576 -.001554	-.001595 -.001576 -.001557 -.001536 -.001515	-.001556 -.001538 -.001519 -.001499 -.001478
-4.0	-.002111 -.002084 -.002056 -.002026 -.001995	-.002053 -.002027 -.001999 -.001969 -.001938	-.001997 -.001971 -.001943 -.001914 -.001884	-.001943 -.001917 -.001890 -.001861 -.001831	-.001891 -.001865 -.001838 -.001810 -.001780	-.001841 -.001815 -.001789 -.001761 -.001732	-.001792 -.001767 -.001740 -.001713 -.001684	-.001745 -.001720 -.001694 -.001667 -.001639	-.001699 -.001675 -.001649 -.001623 -.001595	-.001655 -.001631 -.001606 -.001580 -.001552	-.001613 -.001589 -.001564 -.001538 -.001511	-.001572 -.001548 -.001524 -.001498 -.001472	-.001532 -.001509 -.001484 -.001459 -.001434	-.001493 -.001470 -.001447 -.001422 -.001397	-.001456 -.001433 -.001410 -.001386 -.001361
-3.5	-.001962 -.001928 -.001892 -.001854 -.001816	-.001906 -.001872 -.001837 -.001800 -.001762	-.001852 -.001819 -.001784 -.001748 -.001711	-.001800 -.001767 -.001733 -.001698 -.001661	-.001750 -.001718 -.001684 -.001650 -.001614	-.001701 -.001670 -.001637 -.001603 -.001568	-.001655 -.001624 -.001592 -.001558 -.001524	-.001610 -.001579 -.001548 -.001515 -.001481	-.001566 -.001536 -.001505 -.001473 -.001440	-.001524 -.001495 -.001465 -.001433 -.001401	-.001484 -.001455 -.001425 -.001394 -.001363	-.001444 -.001416 -.001387 -.001357 -.001326	-.001407 -.001379 -.001350 -.001321 -.001290	-.001370 -.001343 -.001315 -.001286 -.001256	-.001335 -.001308 -.001280 -.001252 -.001223
-3.0	-.001775 -.001733 -.001690 -.001645 -.001599	-.001723 -.001682 -.001639 -.001596 -.001551	-.001672 -.001632 -.001591 -.001548 -.001504	-.001624 -.001584 -.001544 -.001502 -.001459	-.001577 -.001538 -.001499 -.001458 -.001416	-.001532 -.001494 -.001456 -.001416 -.001375	-.001488 -.001452 -.001414 -.001375 -.001335	-.001447 -.001411 -.001374 -.001336 -.001296	-.001406 -.001371 -.001335 -.001298 -.001260	-.001367 -.001333 -.001298 -.001261 -.001224	-.001330 -.001296 -.001262 -.001226 -.001190	-.001294 -.001261 -.001227 -.001192 -.001157	-.001259 -.001227 -.001194 -.001160 -.001125	-.001225 -.001194 -.001161 -.001128 -.001094	-.001193 -.001162 -.001130 -.001098 -.001065
-2.5	-.001551 -.001502 -.001452 -.001400 -.001346	-.001504 -.001456 -.001407 -.001356 -.001304	-.001459 -.001412 -.001364 -.001315 -.001264	-.001415 -.001369 -.001323 -.001275 -.001225	-.001373 -.001328 -.001283 -.001236 -.001188	-.001332 -.001289 -.001245 -.001199 -.001153	-.001294 -.001251 -.001208 -.001164 -.001118	-.001256 -.001215 -.001173 -.001130 -.001086	-.001220 -.001180 -.001139 -.001097 -.001054	-.001186 -.001146 -.001106 -.001065 -.001023	-.001152 -.001114 -.001075 -.001035 -.000994	-.001120 -.001083 -.001045 -.001006 -.000966	-.001089 -.001053 -.001016 -.000978 -.000939	-.001059 -.001024 -.000988 -.000950 -.000913	-.001031 -.000996 -.000960 -.000924 -.000887
-2.0	-.001292 -.001236 -.001179 -.001120 -.001061	-.001251 -.001197 -.001141 -.001085 -.001027	-.001212 -.001160 -.001106 -.001051 -.000995	-.001175 -.001124 -.001071 -.001018 -.000964	-.001139 -.001090 -.001039 -.000987 -.000934	-.001105 -.001057 -.001007 -.000957 -.000905	-.001072 -.001025 -.000977 -.000928 -.000878	-.001040 -.000994 -.000948 -.000900 -.000851	-.001010 -.000965 -.000920 -.000873 -.000826	-.000981 -.000937 -.000893 -.000848 -.000802	-.000952 -.000910 -.000867 -.000823 -.000778	-.000925 -.000884 -.000842 -.000799 -.000756	-.000899 -.000859 -.000818 -.000777 -.000734	-.000874 -.000835 -.000795 -.000755 -.000713	-.000850 -.000812 -.000773 -.000733 -.000693
-1.5	-.001000 -.000939 -.000876 -.000812 -.000748	-.000968 -.000908 -.000848 -.000786 -.000724	-.000938 -.000880 -.000821 -.000761 -.000700	-.000908 -.000852 -.000795 -.000737 -.000678	-.000880 -.000825 -.000770 -.000714 -.000657	-.000853 -.000800 -.000746 -.000692 -.000636	-.000827 -.000776 -.000723 -.000670 -.000617	-.000802 -.000752 -.000701 -.000650 -.000598	-.000778 -.000730 -.000680 -.000631 -.000580	-.000755 -.000708 -.000660 -.000612 -.000563	-.000733 -.000687 -.000641 -.000594 -.000546	-.000712 -.000667 -.000622 -.000576 -.000530	-.000691 -.000648 -.000604 -.000560 -.000515	-.000672 -.000630 -.000587 -.000544 -.000500	-.000653 -.000612 -.000570 -.000528 -.000486
-1.0	-.000683 -.000616 -.000550 -.000482 -.000414	-.000660 -.000596 -.000532 -.000467 -.000401	-.000639 -.000577 -.000515 -.000452 -.000388	-.000619 -.000559 -.000498 -.000437 -.000375	-.000599 -.000541 -.000482 -.000423 -.000364	-.000581 -.000524 -.000467 -.000410 -.000352	-.000563 -.000508 -.000453 -.000397 -.000341	-.000546 -.000493 -.000439 -.000385 -.000331	-.000529 -.000478 -.000426 -.000373 -.000321	-.000513 -.000463 -.000413 -.000361 -.000311	-.000498 -.000450 -.000401 -.000351 -.000302	-.000483 -.000436 -.000389 -.000341 -.000293	-.000469 -.000424 -.000377 -.000331 -.000284	-.000456 -.000411 -.000367 -.000321 -.000276	-.000443 -.000400 -.000356 -.000312 -.000268
-.5	-.000346 -.000277 -.000208 -.000139 -.000070	-.000335 -.000268 -.000201 -.000134 -.000067	-.000324 -.000260 -.000195 -.000126 -.000065	-.000314 -.000251 -.000189 -.000126 -.000063	-.000304 -.000243 -.000183 -.000122 -.000061	-.000294 -.000236 -.000177 -.000118 -.000059	-.000285 -.000228 -.000171 -.000114 -.000057	-.000276 -.000221 -.000166 -.000111 -.000055	-.000268 -.000214 -.000156 -.000104 -.000052	-.000260 -.000208 -.000151 -.000101 -.000051	-.000252 -.000196 -.000147 -.000098 -.000049	-.000244 -.000196 -.000143 -.000095 -.000048	-.000237 -.000190 -.000143 -.000095 -.000048	-.000230 -.000185 -.000139 -.000092 -.000046	-.000224 -.000179 -.000135 -.000090 -.000045

		$H_2(r, z)$														
r	z	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
.0	.0	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	.500000	.000000	.000000	.000000	.000000
		.900496	.899758	.897460	.893326	.886797	.876811	.861269	.835583	.787989	.681717	.430291	.189386	.096476	.058248	.038992
		.803884	.802513	.798260	.790671	.778854	.761204	.734838	.694430	.630136	.526953	.382792	.244877	.154388	.102316	.071660
		.712652	.710826	.705190	.695249	.680069	.658104	.626911	.582865	.521398	.439697	.343835	.251912	.179700	.129236	.095185
		.628609	.626528	.620145	.609030	.592418	.569154	.537673	.496167	.443286	.379789	.310531	.243881	.187153	.142960	.110079
.5	.5	.552786	.550631	.544062	.532767	.516226	.493734	.464496	.427880	.383921	.334044	.281501	.230723	.185597	.148087	.118235
		.485504	.483413	.477072	.466294	.450784	.430203	.404268	.372955	.336775	.297043	.255918	.215990	.179540	.147949	.121593
		.426538	.424598	.418744	.408888	.394908	.376705	.354289	.327901	.298151	.266101	.233219	.201137	.171298	.144679	.121698
		.375305	.373562	.368324	.359570	.347290	.331526	.312432	.290338	.265814	.239688	.212988	.186804	.162106	.139599	.119663
		.331035	.329504	.324916	.317292	.306685	.293209	.277072	.258611	.238318	.216833	.194897	.173273	.152645	.133534	.116264
1.0	1.0	.292893	.291568	.287607	.281052	.271987	.260553	.246966	.231537	.214673	.196871	.178681	.160657	.143298	.127000	.112032
		.260060	.258925	.255537	.249947	.242248	.232583	.221157	.208239	.194162	.179316	.164117	.148979	.134278	.120320	.107329
		.231779	.230812	.227930	.223185	.216667	.208511	.198896	.188052	.176250	.163797	.151014	.138219	.125699	.113699	.102402
		.207376	.206556	.204111	.200091	.194579	.187694	.179590	.170459	.160521	.150020	.139208	.128332	.117618	.107263	.097418
		.186267	.185571	.183500	.180095	.175431	.169610	.162763	.155048	.146644	.137746	.128554	.119263	.110055	.101088	.092489
1.5	1.5	.167950	.167360	.165603	.162717	.158765	.153833	.148030	.141488	.134351	.126777	.118925	.110954	.103008	.095217	.087689
		.152002	.151501	.150009	.147558	.144200	.140009	.135076	.129507	.123422	.116946	.110211	.103342	.096460	.089670	.083064
		.138066	.137639	.136369	.134282	.131422	.127850	.123641	.118882	.113672	.108114	.102312	.096371	.090389	.084454	.078643
		.125843	.125479	.124394	.122611	.120167	.117112	.113508	.109427	.104949	.100158	.095142	.089985	.084767	.079565	.074442
		.115082	.114770	.113841	.112313	.110218	.107595	.104498	.100984	.097121	.092976	.088623	.084130	.079566	.074992	.070465
2.0	2.0	.105573	.105305	.104506	.103193	.101389	.099131	.096459	.093423	.090077	.086478	.082687	.078760	.074755	.070723	.066714
		.097139	.096908	.096220	.095086	.093529	.091576	.089263	.086630	.083722	.080586	.077273	.073830	.070304	.066742	.063183
		.089634	.089434	.088838	.087856	.086506	.084812	.082802	.080510	.077974	.075232	.072327	.069299	.066188	.063031	.059865
		.082930	.082756	.082239	.081385	.080211	.078736	.076983	.074982	.072762	.070357	.067802	.065131	.062377	.059574	.056751
		.076923	.076772	.076320	.075576	.074551	.073262	.071729	.069975	.068026	.065910	.063656	.061292	.058849	.056353	.053830
2.5	2.5	.071523	.071391	.070996	.070345	.069447	.068317	.066971	.065429	.063712	.061844	.059850	.057753	.055580	.053352	.051093
		.066654	.066538	.066192	.065620	.064831	.063837	.062651	.061291	.059774	.058120	.056351	.054486	.052548	.050555	.048529
		.062251	.062149	.061844	.061340	.060645	.059767	.058720	.057516	.056172	.054704	.053130	.051467	.049734	.047947	.046125
		.058258	.058168	.057898	.057453	.056838	.056061	.055133	.054065	.052870	.051563	.050159	.048672	.047119	.045515	.043873
		.054627	.054547	.054308	.053913	.053368	.052678	.051853	.050903	.049838	.048671	.047415	.046083	.044688	.043243	.041762
3.0	3.0	.051317	.051246	.051033	.050682	.050197	.049583	.048848	.047999	.047048	.046004	.044878	.043681	.042425	.041122	.039782
		.048291	.048228	.048039	.047726	.047293	.046744	.046087	.045328	.044476	.043539	.042527	.041450	.040317	.039139	.037925
		.045520	.045463	.045294	.045014	.044627	.044136	.043547	.042867	.042101	.041259	.040347	.039375	.038351	.037284	.036182
		.042976	.042925	.042773	.042522	.042175	.041734	.041205	.040593	.039904	.039145	.038322	.037443	.036515	.035547	.034545
		.040634	.040589	.040453	.040227	.039915	.039518	.039042	.038490	.037868	.037182	.036438	.035641	.034799	.033919	.033007
3.5	3.5	.038476	.038435	.038312	.038109	.037827	.037470	.037040	.036541	.035979	.035358	.034683	.033960	.033194	.032393	.031560
		.036482	.036445	.036334	.036151	.035896	.035573	.035184	.034733	.034223	.033659	.033046	.032388	.031691	.030960	.030199
		.034637	.034603	.034503	.034337	.034106	.033813	.033461	.033051	.032588	.032076	.031518	.030918	.030282	.029613	.028917
		.032925	.032895	.032804	.032653	.032444	.032178	.031858	.031486	.031064	.030597	.030089	.029541	.028960	.028348	.027709
		.031336	.031309	.031226	.031089	.030899	.030657	.030365	.030026	.029642	.029216	.028751	.028250	.027718	.027157	.026570
4.0	4.0	.029857	.029832	.029757	.029632	.029459	.029238	.028972	.028663	.028312	.027922	.027497	.027038	.026550	.026035	.025496
		.028480	.028457	.028388	.028274	.028116	.027914	.027671	.027388	.027067	.026710	.026320	.025900	.025451	.024977	.024481
		.027194	.027173	.027110	.027006	.026861	.026677	.026454	.026195	.025900	.025573	.025215	.024828	.024416	.023979	.023521
		.025992	.025973	.025915	.025820	.025687	.025518	.025314	.025076	.024806	.024505	.024176	.023820	.023439	.023037	.022614
		.024867	.024850	.024797	.024709	.024587	.024432	.024245	.024026	.023777	.023501	.023197	.022869	.022518	.022146	.021756
4.5	4.5	.023813	.023797	.023748	.023668	.023556	.023413	.023240	.023039	.022810	.022555	.022275	.021972	.021648	.021304	.020942
		.022824	.022809	.022764	.022690	.022587	.022455	.022296	.022111	.021899	.021664	.021405	.021125	.020825	.020507	.020172
		.021894	.021880	.021839	.021771	.021676	.021554	.021408	.021236	.021041	.020823	.020584	.020325	.020047	.019752	.019440
		.021020	.021007	.020969	.020906	.020818	.020706	.020570	.020411	.020231	.020029	.019808	.019568	.019310	.019036	.018746
		.020196	.020184	.020149	.020091	.020009	.019906	.019780	.019633	.019466	.019279	.019074	.018851	.018611	.018356	.018087

		$H_z(r,z)$														
r	z	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
.0		-.000000	-.000000	-.000000	.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000
		.027881	.020866	.016148	.012822	.010392	.008565	.007159	.006055	.005174	.004462	.003878	.003394	.002989	.002648	.002358
		.052529	.039908	.031188	.024933	.020307	.016798	.014079	.011935	.010217	.008823	.007677	.006726	.005929	.005256	.004683
		.072013	.055855	.044275	.035756	.029340	.024409	.020549	.017481	.015008	.012990	.011325	.009939	.008774	.007787	.006945
		.085961	.068200	.054957	.044929	.037212	.031183	.026403	.022565	.019446	.016884	.014759	.012981	.011481	.010207	.009116
.5		.095002	.077051	.063153	.052314	.043781	.036991	.031530	.027094	.023455	.020442	.017926	.015810	.014016	.012485	.011171
		.100128	.082864	.069039	.057953	.049024	.041787	.035878	.031016	.026986	.023620	.020790	.018393	.016350	.014599	.013090
		.102316	.086207	.072924	.062000	.053011	.045592	.039441	.034314	.030018	.026396	.023326	.020708	.018464	.016531	.014856
		.102383	.087630	.075158	.064669	.055865	.048473	.042252	.037000	.032550	.028763	.025525	.022745	.020347	.018268	.016460
		.100964	.087610	.076079	.066187	.057735	.050524	.044369	.039108	.034601	.030728	.027390	.024501	.021993	.019807	.017895
1.0		.098533	.086533	.075981	.066772	.058776	.051853	.045865	.040686	.036201	.032311	.028929	.025981	.023404	.021145	.019158
		.095438	.084702	.075114	.066618	.059135	.052568	.046818	.041789	.037390	.033539	.030163	.027198	.024589	.022287	.020252
		.091931	.082351	.073678	.065892	.058944	.052773	.047308	.042477	.038210	.034442	.031112	.028166	.025557	.023241	.021182
		.088194	.079656	.071836	.064731	.058319	.052560	.047407	.042807	.038707	.035055	.031803	.028906	.026322	.024016	.021954
		.084355	.076751	.069713	.063251	.057358	.052013	.047184	.042834	.038923	.035412	.032263	.029437	.026901	.024625	.022579
1.5		.080508	.073734	.067406	.061542	.056144	.051203	.046699	.042608	.038901	.035547	.032517	.029781	.027311	.025080	.023065
		.076715	.070678	.064991	.059676	.054743	.050189	.046005	.042174	.038677	.035491	.032593	.029960	.027568	.025396	.023424
		.073020	.067636	.062525	.057712	.053211	.049024	.045148	.041573	.038287	.035274	.032515	.029993	.027690	.025587	.023668
		.069454	.064645	.060051	.055695	.051591	.047748	.044165	.040839	.037761	.034921	.032305	.029901	.027692	.025666	.023807
		.066032	.061734	.057602	.053658	.049919	.046395	.043089	.040001	.037126	.034457	.031985	.029700	.027591	.025646	.023854
2.0		.062767	.058920	.055199	.051629	.048223	.044994	.041948	.039085	.036404	.033903	.031573	.029408	.027400	.025540	.023818
		.059663	.056214	.052861	.049627	.046525	.043568	.040762	.038112	.035617	.033276	.031085	.029040	.027134	.025360	.023710
		.056719	.053623	.050599	.047667	.044841	.042133	.039551	.037099	.034780	.032593	.030537	.028608	.026803	.025115	.023540
		.053935	.051151	.048420	.045760	.043184	.040704	.038329	.036062	.033908	.031868	.029941	.028125	.026418	.024816	.023315
		.051305	.048798	.046329	.043913	.041565	.039293	.037107	.035013	.033013	.031112	.029308	.027601	.025990	.024472	.023045
2.5		.048824	.046563	.044328	.042132	.039989	.037907	.035896	.033961	.032106	.030334	.028647	.027045	.025527	.024091	.022735
		.046486	.044444	.042417	.040419	.038461	.036553	.034702	.032914	.031194	.029544	.027968	.026465	.025035	.023679	.022393
		.044283	.042435	.040596	.038776	.036986	.035236	.033531	.031879	.030284	.028749	.027276	.025867	.024523	.023242	.022025
		.042209	.040535	.038862	.037203	.035565	.033958	.032388	.030861	.029382	.027953	.026578	.025258	.023994	.022787	.021635
		.040256	.038736	.037214	.035699	.034199	.032723	.031276	.029864	.028492	.027162	.025878	.024642	.023455	.022317	.021229
3.0		.038417	.037035	.035648	.034263	.032888	.031531	.030197	.028891	.027617	.026380	.025182	.024024	.022909	.021838	.020810
		.036685	.035427	.034161	.032894	.031632	.030383	.029152	.027943	.026761	.025610	.024491	.023408	.022361	.021352	.020382
		.035054	.033907	.032750	.031589	.030430	.029279	.028142	.027023	.025926	.024853	.023809	.022795	.021812	.020863	.019948
		.033517	.032470	.031411	.030345	.029280	.028219	.027168	.026131	.025112	.024113	.023138	.022189	.021267	.020373	.019510
		.032068	.031111	.030140	.029162	.028181	.027202	.026230	.025269	.024321	.023391	.022480	.021591	.020726	.019885	.019071
3.5		.030703	.029826	.028935	.028035	.027131	.026227	.025327	.024435	.023554	.022687	.021836	.021004	.020192	.019401	.018633
		.029414	.028610	.027791	.026963	.026129	.025293	.024459	.023631	.022811	.022003	.021208	.020428	.019665	.018921	.018197
		.028197	.027459	.026706	.025942	.025172	.024398	.023625	.022856	.022093	.021338	.020595	.019864	.019148	.018448	.017766
		.027049	.026369	.025675	.024971	.024259	.023542	.022825	.022109	.021398	.020694	.019999	.019314	.018642	.017983	.017339
		.025963	.025337	.024697	.024046	.023387	.022723	.022057	.021391	.020728	.020070	.019419	.018777	.018146	.017526	.016918
4.0		.024936	.024359	.023768	.023166	.022555	.021939	.021320	.020700	.020081	.019466	.018857	.018255	.017661	.017077	.016505
		.023965	.023432	.022886	.022328	.021762	.021189	.020613	.020035	.019458	.018883	.018312	.017747	.017189	.016639	.016099
		.023045	.022553	.022047	.021530	.021004	.020472	.019935	.019396	.018857	.018319	.017784	.017253	.016728	.016210	.015701
		.022174	.021718	.021249	.020770	.020281	.019785	.019285	.018782	.018278	.017774	.017272	.016774	.016280	.015792	.015311
		.021348	.020926	.020491	.020045	.019590	.019129	.018662	.018192	.017720	.017248	.016778	.016309	.015844	.015384	.014930
4.5		.020565	.020173	.019769	.019354	.018931	.018500	.018065	.017625	.017184	.016741	.016299	.015859	.015421	.014987	.014558
		.019821	.019457	.019081	.018695	.018301	.017899	.017492	.017081	.016667	.016252	.015837	.015422	.015010	.014601	.014195
		.019115	.018776	.018427	.018067	.017699	.017324	.016943	.016558	.016170	.015780	.015390	.015000	.014611	.014225	.013842
		.018444	.018129	.017803	.017467	.017123	.016773	.016416	.016055	.015691	.015325	.014958	.014591	.014224	.013860	.013497
		.017805	.017512	.017208	.016894	.016573	.016245	.015911	.015573	.015231	.014887	.014541	.014195	.013849	.013505	.013162

$H_z(r, z)$

r	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
z															
.0	-.000000 .002109 .004192 .006222 .008178	-.000000 .001895 .003768 .005598 .007365	-.000000 .001709 .003400 .005055 .006658	-.000000 .001548 .003080 .004582 .006039	-.000000 .001406 .002799 .004166 .005496	-.000000 .001281 .002552 .003800 .005016	-.000000 .001171 .002333 .003476 .004591	-.000000 .001074 .002139 .003188 .004213	-.000000 .000987 .001966 .002931 .003876	-.000000 .000909 .001811 .002702 .003575	-.000000 .000839 .001673 .002496 .003304	-.000000 .000776 .001548 .002311 .003059	-.000000 .000720 .001436 .002143 .002839	-.000000 .000669 .001334 .001992 .002639	-.000000 .000622 .001242 .001855 .002458
.5	.010037 .011782 .013400 .014880 .016216	.009052 .010643 .012127 .013494 .014738	.008193 .009647 .011010 .012273 .013431	.007439 .008771 .010025 .011194 .012272	.006777 .007999 .009155 .010237 .011241	.006191 .007315 .008382 .009386 .010321	.005671 .006707 .007694 .008626 .009498	.005208 .006165 .007079 .007945 .008760	.004794 .005680 .006528 .007334 .008095	.004424 .005245 .006033 .006784 .007495	.004091 .004853 .005586 .006287 .006953	.003790 .004499 .005183 .005838 .006462	.003519 .004179 .004817 .005430 .006016	.003273 .003889 .004486 .005060 .005609	.003049 .003625 .004184 .004722 .005238
1.0	.017406 .018449 .019348 .020109 .020737	.015855 .016846 .017711 .018454 .019079	.014480 .015418 .016246 .016966 .017583	.013255 .014142 .014933 .015628 .016231	.012163 .013000 .013753 .014421 .015007	.011185 .011975 .012691 .013331 .013898	.010308 .011053 .011732 .012345 .012892	.009519 .010221 .010865 .011450 .011976	.008807 .009469 .010080 .010637 .011142	.008164 .008788 .009366 .009898 .010382	.007582 .008170 .008718 .009223 .009687	.007052 .007608 .008126 .008607 .009051	.006571 .007095 .007586 .008044 .008467	.006132 .006627 .007092 .007528 .007932	.005731 .006199 .006640 .007054 .007440
1.5	.021242 .021632 .021916 .022103 .022203	.019593 .020003 .020316 .020540 .020683	.018099 .018521 .018855 .019107 .019284	.016744 .017172 .017519 .017792 .017995	.015513 .015942 .016297 .016584 .016807	.014393 .014819 .015179 .015475 .015713	.013374 .013794 .014154 .014456 .014704	.012444 .012856 .013213 .013518 .013773	.011595 .011997 .012350 .012654 .012913	.010819 .011210 .011556 .011858 .012119	.010108 .010487 .010826 .011124 .011384	.009456 .009823 .010153 .010446 .010704	.008856 .009211 .009532 .009819 .010074	.008305 .008647 .008959 .009239 .009490	.007798 .008127 .008429 .008702 .008948
2.0	.022225 .022179 .022071 .021910 .021703	.020753 .020757 .020702 .020596 .020444	.019392 .019438 .019428 .019368 .019264	.018134 .018214 .018242 .018221 .018159	.016971 .017079 .017138 .017151 .017123	.015895 .016027 .016111 .016152 .016154	.014901 .015050 .015155 .015220 .015247	.013980 .014144 .014266 .014350 .014398	.013128 .013302 .013438 .013538 .013604	.012339 .012521 .012667 .012780 .012861	.011607 .011795 .011949 .012072 .012165	.010928 .011120 .011280 .011411 .011514	.010298 .010491 .010656 .010793 .010904	.009712 .009907 .010074 .010216 .010333	.009168 .009362 .009531 .009675 .009798
2.5	.021457 .021178 .020870 .020540 .020190	.020254 .020029 .019776 .019498 .019200	.019122 .018945 .018740 .018509 .018257	.018058 .017924 .017760 .017572 .017361	.017059 .016961 .016835 .016684 .016510	.016121 .016055 .015962 .015843 .015702	.015240 .015203 .015138 .015048 .014936	.014414 .014401 .014361 .014296 .014210	.013639 .013647 .013628 .013586 .013523	.012912 .012937 .012938 .012915 .012872	.012231 .012271 .012287 .012282 .012256	.011591 .011644 .011674 .011683 .011673	.010991 .011054 .011096 .011118 .011122	.010427 .010500 .010552 .010585 .010600	.009898 .009978 .010039 .010081 .010107
3.0	.019826 .019450 .019066 .018677 .018283	.018885 .018558 .018220 .017874 .017523	.017988 .017704 .017408 .017102 .016790	.017132 .016887 .016629 .016361 .016084	.016317 .016108 .015885 .015650 .015407	.015542 .015365 .015173 .014970 .014756	.014805 .014657 .014494 .014318 .014132	.014105 .013983 .013846 .013695 .013534	.013441 .013342 .013228 .013100 .012961	.012811 .012732 .012639 .012532 .012414	.012213 .012153 .012078 .011990 .011890	.011646 .011602 .011544 .011473 .011390	.011108 .011080 .011036 .010980 .010912	.010599 .010583 .010553 .010510 .010456	.010117 .010112 .010094 .010063 .010021
3.5	.017888 .017494 .017101 .016711 .016325	.017168 .016812 .016455 .016100 .015746	.016472 .016151 .015829 .015505 .015183	.015801 .015513 .015222 .014929 .014635	.015155 .014897 .014635 .014370 .014103	.014533 .014304 .014069 .013830 .013588	.013936 .013732 .013522 .013307 .013089	.013362 .013182 .012995 .012803 .012606	.012812 .012654 .012488 .012317 .012140	.012285 .012147 .012001 .011848 .011690	.011780 .011660 .011532 .011397 .011256	.011296 .011193 .011082 .010963 .010838	.010834 .010746 .010649 .010545 .010435	.010392 .010317 .010235 .010144 .010047	.009969 .009907 .009837 .009759 .009675
4.0	.015944 .015569 .015200 .014838 .014482	.015396 .015050 .014709 .014373 .014042	.014862 .014543 .014228 .013917 .013610	.014341 .014049 .013759 .013471 .013186	.013835 .013567 .013300 .013035 .012771	.013344 .013099 .012854 .012609 .012366	.012867 .012644 .012419 .012195 .011970	.012406 .012202 .011997 .011791 .011585	.011959 .011774 .011588 .011399 .011209	.011527 .011360 .011190 .011018 .010844	.011110 .010959 .010805 .010648 .010489	.010707 .010572 .010432 .010290 .010145	.010319 .010197 .010072 .009943 .009811	.009944 .009836 .009723 .009607 .009487	.009584 .009488 .009387 .009282 .009173
4.5	.014135 .013795 .013463 .013139 .012822	.013718 .013400 .013088 .012783 .012486	.013308 .013010 .012719 .012433 .012153	.012905 .012628 .012355 .012087 .011824	.012510 .012252 .011998 .011747 .011501	.012124 .011884 .011647 .011413 .011182	.011747 .011524 .011304 .011085 .010869	.011378 .011172 .010967 .010764 .010562	.011019 .010828 .010638 .010449 .010261	.010669 .010493 .010317 .010142 .009967	.010328 .010167 .010004 .009841 .009679	.009997 .009849 .009699 .009548 .009397	.009676 .009540 .009401 .009262 .009123	.009364 .009239 .009112 .008984 .008855	.009062 .008947 .008831 .008713 .008594

		$H_2(r, z)$														
z	r	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
.0		-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000
		.000580	.000542	.000507	.000475	.000446	.000419	.000394	.000371	.000350	.000330	.000312	.000295	.000280	.000265	.000251
		.001158	.001081	.001012	.000948	.000889	.000835	.000786	.000740	.000698	.000659	.000623	.000589	.000558	.000529	.000502
		.001730	.001616	.001512	.001417	.001329	.001249	.001175	.001107	.001044	.000986	.000932	.000882	.000835	.000792	.000752
		.002293	.002143	.002005	.001880	.001764	.001658	.001560	.001470	.001387	.001309	.001238	.001172	.001110	.001052	.000999
.5		.002846	.002660	.002490	.002335	.002192	.002060	.001939	.001828	.001724	.001629	.001540	.001458	.001381	.001310	.001244
		.003385	.003165	.002964	.002780	.002611	.002455	.002311	.002179	.002056	.001943	.001837	.001740	.001649	.001564	.001485
		.003908	.003656	.003426	.003214	.003020	.002840	.002675	.002523	.002381	.002251	.002129	.002016	.001911	.001814	.001722
		.004414	.004131	.003873	.003635	.003417	.003216	.003030	.002858	.002699	.002551	.002414	.002287	.002169	.002058	.001955
		.004900	.004589	.004304	.004042	.003801	.003579	.003374	.003184	.003008	.002844	.002693	.002551	.002420	.002297	.002183
1.0		.005364	.005028	.004718	.004434	.004172	.003930	.003706	.003499	.003307	.003129	.002963	.002808	.002665	.002530	.002405
		.005806	.005446	.005114	.004809	.004527	.004267	.004026	.003803	.003596	.003403	.003224	.003058	.002902	.002757	.002621
		.006224	.005843	.005491	.005166	.004867	.004590	.004333	.004095	.003874	.003668	.003477	.003298	.003132	.002976	.002831
		.006618	.006217	.005847	.005506	.005190	.004897	.004626	.004375	.004141	.003923	.003720	.003530	.003354	.003188	.003034
		.006987	.006569	.006183	.005826	.005496	.005190	.004905	.004641	.004395	.004166	.003953	.003753	.003567	.003392	.003229
1.5		.007330	.006897	.006498	.006127	.005784	.005466	.005170	.004894	.004638	.004398	.004175	.003966	.003771	.003588	.003417
		.007647	.007202	.006791	.006409	.006055	.005725	.005419	.005134	.004867	.004619	.004387	.004170	.003967	.003776	.003597
		.007938	.007484	.007062	.006671	.006307	.005968	.005653	.005359	.005084	.004828	.004588	.004363	.004153	.003955	.003770
		.008204	.007742	.007313	.006913	.006541	.006195	.005872	.005570	.005288	.005024	.004777	.004546	.004329	.004125	.003934
		.008445	.007977	.007542	.007136	.006758	.006405	.006075	.005767	.005479	.005209	.004956	.004719	.004496	.004287	.004090
2.0		.008861	.008190	.007750	.007340	.006956	.006599	.006264	.005950	.005657	.005382	.005124	.004881	.004653	.004439	.004237
		.008854	.008380	.007937	.007524	.007138	.006775	.006437	.006120	.005822	.005542	.005280	.005033	.004801	.004582	.004376
		.009023	.008549	.008105	.007690	.007301	.006937	.006595	.006275	.005974	.005691	.005425	.005174	.004939	.004717	.004507
		.009170	.008697	.008254	.007838	.007448	.007083	.006739	.006417	.006113	.005828	.005559	.005306	.005067	.004842	.004629
		.009296	.008825	.008383	.007969	.007579	.007213	.006869	.006545	.006240	.005953	.005682	.005427	.005186	.004958	.004744
2.5		.009401	.008934	.008495	.008083	.007695	.007329	.006985	.006661	.006355	.006067	.005795	.005538	.005296	.005066	.004849
		.009487	.009025	.008590	.008181	.007795	.007431	.007088	.006764	.006458	.006170	.005897	.005640	.005396	.005165	.004947
		.009555	.009099	.008669	.008263	.007880	.007519	.007177	.006855	.006550	.006262	.005990	.005732	.005487	.005256	.005037
		.009605	.009156	.008732	.008331	.007952	.007594	.007255	.006934	.006631	.006344	.006072	.005814	.005570	.005339	.005119
		.009640	.009198	.008780	.008385	.008010	.007656	.007320	.007002	.006701	.006416	.006145	.005888	.005645	.005413	.005194
3.0		.009659	.009226	.008815	.008425	.008056	.007706	.007375	.007060	.006761	.006478	.006209	.005953	.005711	.005480	.005261
		.009664	.009240	.008837	.008454	.008091	.007746	.007418	.007107	.006811	.006531	.006264	.006010	.005769	.005539	.005321
		.009657	.009241	.008846	.008471	.008114	.007774	.007451	.007144	.006852	.006575	.006310	.006059	.005819	.005591	.005374
		.009637	.009231	.008845	.008477	.008126	.007793	.007475	.007173	.006885	.006610	.006349	.006100	.005862	.005636	.005420
		.009606	.009210	.008832	.008472	.008129	.007802	.007490	.007192	.006908	.006638	.006380	.006133	.005898	.005674	.005460
3.5		.009565	.009179	.008811	.008459	.008123	.007802	.007496	.007203	.006924	.006658	.006403	.006160	.005928	.005706	.005494
		.009515	.009139	.008780	.008436	.008108	.007794	.007494	.007207	.006932	.006670	.006420	.006180	.005951	.005732	.005522
		.009456	.009091	.008741	.008406	.008085	.007778	.007484	.007203	.006934	.006676	.006430	.006194	.005968	.005751	.005545
		.009390	.009035	.008695	.008368	.008055	.007755	.007468	.007192	.006929	.006676	.006433	.006201	.005979	.005766	.005561
		.009316	.008972	.008641	.008324	.008019	.007726	.007445	.007176	.006917	.006669	.006431	.006203	.005984	.005774	.005573
4.0		.009237	.008903	.008582	.008273	.007976	.007690	.007416	.007153	.006900	.006657	.006424	.006200	.005985	.005778	.005580
		.009152	.008828	.008516	.008216	.007927	.007649	.007382	.007125	.006877	.006640	.006411	.006191	.005980	.005777	.005582
		.009062	.008748	.008446	.008154	.007873	.007603	.007342	.007091	.006850	.006617	.006394	.006178	.005971	.005772	.005580
		.008968	.008664	.008371	.008088	.007815	.007552	.007298	.007053	.006818	.006590	.006372	.006161	.005958	.005762	.005574
		.008870	.008576	.008292	.008018	.007753	.007497	.007250	.007011	.006781	.006559	.006345	.006139	.005940	.005749	.005564
4.5		.008768	.008484	.008209	.007943	.007686	.007438	.007197	.006965	.006741	.006524	.006315	.006114	.005919	.005731	.005550
		.008664	.008390	.008124	.007866	.007616	.007375	.007141	.006915	.006697	.006486	.006282	.006085	.005895	.005711	.005533
		.008558	.008293	.008035	.007786	.007544	.007309	.007082	.006862	.006650	.006444	.006245	.006053	.005867	.005687	.005513
		.008449	.008193	.007944	.007703	.007468	.007241	.007020	.006807	.006600	.006399	.006205	.006017	.005836	.005660	.005490
		.008339	.008092	.007851	.007617	.007390	.007170	.006956	.006748	.006547	.006352	.006163	.005979	.005802	.005630	.005464

$H_z(r, z)$

r	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
z															
0	.000000 .000239 .000477 .000714 .000949	.000000 .000227 .000453 .000679 .000902	.000000 .000216 .000432 .000646 .000859	.000000 .000206 .000411 .000615 .000818	.000000 .000196 .000392 .000586 .000780	.000000 .000187 .000374 .000559 .000744	.000000 .000178 .000357 .000534 .000710	.000000 .000170 .000341 .000510 .000678	.000000 .000163 .000326 .000487 .000648	.000000 .000156 .000311 .000466 .000620	.000000 .000149 .000298 .000446 .000594	.000000 .000143 .000285 .000427 .000569	.000000 .000137 .000274 .000410 .000545	.000000 .000131 .000262 .000393 .000523	.000000 .000126 .000252 .000377 .000502
.5	.001182 .001411 .001637 .001859 .002076	.001124 .001342 .001557 .001769 .001976	.001070 .001278 .001483 .001684 .001882	.001019 .001217 .001413 .001605 .001794	.000971 .001161 .001347 .001531 .001711	.000927 .001107 .001286 .001461 .001634	.000885 .001057 .001228 .001396 .001561	.000845 .001010 .001173 .001334 .001492	.000808 .000966 .001122 .001276 .001427	.000773 .000924 .001074 .001221 .001366	.000740 .000885 .001028 .001170 .001309	.000709 .000848 .000985 .001121 .001254	.000680 .000813 .000945 .001075 .001203	.000652 .000780 .000906 .001031 .001154	.000625 .000748 .000870 .000990 .001108
1.0	.002288 .002494 .002695 .002889 .003076	.002178 .002375 .002567 .002753 .002932	.002075 .002264 .002447 .002625 .002797	.001979 .002159 .002335 .002505 .002670	.001888 .002061 .002229 .002392 .002551	.001803 .001968 .002129 .002286 .002439	.001723 .001881 .002036 .002186 .002333	.001647 .001799 .001947 .002092 .002233	.001576 .001722 .001864 .002003 .002138	.001509 .001649 .001785 .001919 .002049	.001446 .001580 .001711 .001840 .001965	.001386 .001515 .001641 .001764 .001885	.001329 .001453 .001574 .001693 .001809	.001276 .001395 .001512 .001626 .001738	.001225 .001339 .001452 .001562 .001670
1.5	.003256 .003430 .003595 .003754 .003904	.003105 .003272 .003432 .003584 .003730	.002964 .003124 .003278 .003425 .003565	.002830 .002984 .003132 .003274 .003410	.002705 .002853 .002995 .003132 .003264	.002586 .002729 .002866 .002998 .003125	.002475 .002612 .002744 .002872 .002994	.002369 .002501 .002629 .002752 .002871	.002270 .002397 .002520 .002639 .002754	.002176 .002298 .002417 .002532 .002643	.002087 .002205 .002319 .002430 .002537	.002002 .002116 .002227 .002334 .002438	.001922 .002032 .002139 .002243 .002343	.001847 .001953 .002056 .002156 .002253	.001775 .001877 .001977 .002074 .002168
2.0	.004047 .004182 .004309 .004429 .004540	.003868 .003999 .004123 .004239 .004348	.003699 .003826 .003946 .004060 .004166	.003540 .003663 .003780 .003890 .003994	.003389 .003508 .003622 .003729 .003831	.003247 .003362 .003472 .003577 .003676	.003112 .003224 .003331 .003433 .003529	.002984 .003093 .003197 .003296 .003390	.002864 .002969 .003070 .003166 .003257	.002749 .002851 .002949 .003043 .003132	.002641 .002740 .002835 .002925 .003012	.002538 .002634 .002726 .002814 .002898	.002440 .002533 .002622 .002708 .002790	.002347 .002437 .002524 .002607 .002687	.002258 .002346 .002430 .002511 .002589
2.5	.004644 .004740 .004829 .004911 .004985	.004450 .004545 .004632 .004713 .004787	.004266 .004359 .004445 .004525 .004599	.004091 .004183 .004268 .004347 .004419	.003926 .004015 .004099 .004177 .004249	.003769 .003857 .003939 .004015 .004087	.003620 .003706 .003786 .003862 .003932	.003479 .003563 .003642 .003716 .003785	.003344 .003426 .003504 .003576 .003645	.003216 .003297 .003372 .003444 .003511	.003095 .003173 .003247 .003317 .003383	.002979 .003055 .003128 .003197 .003262	.002869 .002943 .003014 .003082 .003145	.002764 .002837 .002906 .002972 .003034	.002664 .002735 .002803 .002867 .002928
3.0	.005053 .005113 .005167 .005215 .005256	.004854 .004915 .004970 .005019 .005061	.004666 .004727 .004782 .004831 .004875	.004486 .004547 .004603 .004653 .004697	.004315 .004376 .004432 .004482 .004527	.004152 .004213 .004269 .004319 .004365	.003997 .004057 .004113 .004164 .004210	.003849 .003909 .003964 .004015 .004061	.003708 .003767 .003822 .003873 .003919	.003574 .003632 .003687 .003737 .003783	.003445 .003503 .003557 .003607 .003653	.003322 .003380 .003433 .003483 .003529	.003205 .003262 .003314 .003364 .003409	.003093 .003149 .003201 .003250 .003295	.002986 .003041 .003092 .003141 .003186
3.5	.005292 .005322 .005346 .005366 .005380	.005098 .005130 .005157 .005178 .005195	.004914 .004947 .004975 .004998 .005017	.004737 .004771 .004801 .004826 .004847	.004568 .004603 .004634 .004661 .004683	.004406 .004442 .004475 .004502 .004526	.004251 .004288 .004321 .004350 .004375	.004103 .004141 .004175 .004205 .004231	.003961 .004000 .004034 .004065 .004092	.003826 .003864 .003899 .003931 .003958	.003696 .003735 .003770 .003802 .003830	.003571 .003610 .003646 .003678 .003707	.003452 .003491 .003527 .003559 .003589	.003337 .003376 .003412 .003445 .003475	.003228 .003267 .003303 .003336 .003366
4.0	.005390 .005395 .005396 .005333 .005386	.005207 .005215 .005219 .005218 .005215	.005032 .005042 .005048 .005050 .005049	.004863 .004875 .004884 .004889 .004890	.004701 .004716 .004726 .004733 .004737	.004546 .004562 .004574 .004583 .004589	.004397 .004414 .004428 .004439 .004446	.004253 .004272 .004288 .004300 .004309	.004115 .004135 .004152 .004166 .004177	.003983 .004004 .004022 .004037 .004049	.003856 .003878 .003897 .003913 .003926	.003733 .003756 .003776 .003793 .003808	.003615 .003639 .003660 .003678 .003694	.003502 .003527 .003548 .003567 .003583	.003393 .003418 .003440 .003460 .003477
4.5	.005376 .005362 .005345 .005325 .005303	.005207 .005197 .005183 .005166 .005147	.005045 .005037 .005026 .005013 .004996	.004888 .004883 .004875 .004864 .004850	.004737 .004734 .004729 .004720 .004709	.004591 .004591 .004587 .004581 .004573	.004451 .004452 .004451 .004447 .004441	.004315 .004319 .004319 .004317 .004313	.004185 .004190 .004192 .004192 .004190	.004058 .004065 .004069 .004071 .004070	.003937 .003945 .003950 .003954 .003955	.003820 .003829 .003836 .003840 .003843	.003706 .003717 .003725 .003731 .003735	.003597 .003609 .003618 .003625 .003630	.003492 .003505 .003515 .003523 .003529

$H_z(r, z)$

r	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
z															
.0	-.000000 .000121 .000242 .000362 .000482	-.000000 .000116 .000232 .000348 .000463	-.000000 .000112 .000223 .000334 .000445	-.000000 .000107 .000214 .000321 .000428	-.000000 .000103 .000206 .000309 .000411	-.000000 .000099 .000199 .000298 .000396	-.000000 .000096 .000191 .000287 .000381	-.000000 .000092 .000184 .000276 .000368	-.000000 .000089 .000178 .000266 .000354	-.000000 .000086 .000171 .000257 .000342	-.000000 .000083 .000165 .000248 .000330	-.000000 .000080 .000160 .000239 .000318	-.000000 .000077 .000154 .000231 .000307	-.000000 .000074 .000149 .000223 .000297	-.000000 .000072 .000144 .000215 .000287
.5	.000601 .000718 .000835 .000951 .001064	.000577 .000690 .000803 .000914 .001023	.000555 .000664 .000772 .000878 .000984	.000533 .000638 .000742 .000845 .000947	.000513 .000614 .000714 .000813 .000911	.000494 .000591 .000688 .000783 .000877	.000476 .000569 .000662 .000754 .000845	.000458 .000549 .000638 .000727 .000815	.000442 .000529 .000615 .000701 .000786	.000426 .000510 .000594 .000676 .000758	.000411 .000492 .000573 .000653 .000732	.000397 .000475 .000553 .000630 .000706	.000383 .000459 .000534 .000609 .000682	.000370 .000444 .000516 .000588 .000659	.000358 .000429 .000499 .000568 .000637
1.0	.001177 .001287 .001395 .001502 .001605	.001131 .001237 .001342 .001444 .001544	.001088 .001190 .001291 .001389 .001486	.001047 .001145 .001242 .001337 .001431	.001008 .001103 .001196 .001288 .001378	.000970 .001062 .001152 .001241 .001328	.000935 .001024 .001111 .001196 .001281	.000901 .000987 .001071 .001154 .001235	.000869 .000952 .001033 .001113 .001192	.000839 .000919 .000997 .001074 .001150	.000810 .000887 .000963 .001037 .001111	.000782 .000856 .000930 .001002 .001073	.000755 .000827 .000898 .000968 .001037	.000730 .000800 .000868 .000936 .001003	.000706 .000773 .000840 .000905 .000970
1.5	.001707 .001806 .001902 .001996 .002086	.001642 .001738 .001831 .001921 .002009	.001581 .001673 .001763 .001851 .001936	.001522 .001611 .001698 .001783 .001866	.001466 .001553 .001637 .001719 .001799	.001413 .001497 .001578 .001658 .001735	.001363 .001444 .001522 .001599 .001674	.001315 .001393 .001469 .001544 .001616	.001269 .001344 .001418 .001491 .001561	.001225 .001298 .001370 .001440 .001508	.001183 .001254 .001324 .001391 .001458	.001143 .001212 .001279 .001345 .001409	.001105 .001172 .001237 .001301 .001363	.001069 .001133 .001196 .001258 .001319	.001034 .001096 .001158 .001218 .001276
2.0	.002174 .002259 .002341 .002420 .002496	.002094 .002177 .002256 .002333 .002406	.002018 .002098 .002175 .002250 .002321	.001946 .002023 .002098 .002170 .002240	.001876 .001952 .002024 .002095 .002163	.001810 .001883 .001954 .002022 .002089	.001747 .001818 .001887 .001953 .002018	.001687 .001756 .001823 .001887 .001950	.001630 .001697 .001761 .001824 .001885	.001575 .001640 .001703 .001764 .001823	.001522 .001585 .001647 .001706 .001764	.001472 .001533 .001593 .001651 .001707	.001424 .001484 .001541 .001598 .001653	.001378 .001436 .001492 .001547 .001600	.001334 .001390 .001445 .001498 .001550
2.5	.002568 .002638 .002704 .002767 .002827	.002477 .002545 .002610 .002671 .002730	.002390 .002456 .002520 .002580 .002638	.002307 .002372 .002434 .002493 .002549	.002228 .002291 .002351 .002409 .002464	.002152 .002214 .002272 .002329 .002383	.002080 .002140 .002197 .002252 .002305	.002010 .002069 .002125 .002179 .002231	.001944 .002001 .002056 .002109 .002159	.001881 .001936 .001990 .002041 .002091	.001820 .001874 .001926 .001976 .002025	.001762 .001814 .001865 .001914 .001962	.001706 .001757 .001807 .001855 .001901	.001652 .001702 .001751 .001798 .001843	.001601 .001650 .001697 .001743 .001787
3.0	.002884 .002938 .002989 .003036 .003081	.002786 .002839 .002889 .002936 .002980	.002692 .002744 .002794 .002840 .002884	.002603 .002654 .002702 .002748 .002791	.002517 .002567 .002615 .002660 .002702	.002435 .002484 .002531 .002575 .002617	.002356 .002404 .002450 .002494 .002535	.002280 .002328 .002373 .002416 .002457	.002208 .002254 .002299 .002341 .002381	.002138 .002184 .002227 .002269 .002309	.002071 .002116 .002159 .002200 .002239	.002007 .002051 .002093 .002133 .002172	.001946 .001989 .002030 .002069 .002107	.001887 .001929 .001969 .002008 .002045	.001830 .001871 .001911 .001949 .001985
3.5	.003123 .003161 .003197 .003231 .003261	.003022 .003060 .003096 .003129 .003160	.002925 .002963 .002999 .003032 .003063	.002832 .002870 .002906 .002939 .002969	.002743 .002780 .002816 .002849 .002879	.002657 .002694 .002729 .002762 .002793	.002575 .002612 .002646 .002679 .002710	.002495 .002532 .002567 .002599 .002629	.002419 .002456 .002490 .002522 .002552	.002346 .002382 .002416 .002448 .002478	.002276 .002311 .002345 .002376 .002406	.002208 .002243 .002276 .002307 .002337	.002143 .002177 .002210 .002241 .002270	.002080 .002114 .002146 .002177 .002206	.002020 .002053 .002085 .002115 .002144
4.0	.003289 .003314 .003337 .003357 .003375	.003188 .003214 .003237 .003258 .003276	.003091 .003117 .003140 .003162 .003181	.002998 .003024 .003048 .003069 .003089	.002908 .002934 .002958 .002980 .003000	.002821 .002848 .002872 .002894 .002915	.002738 .002765 .002789 .002811 .002832	.002658 .002684 .002709 .002731 .002752	.002580 .002607 .002631 .002654 .002675	.002506 .002532 .002557 .002580 .002601	.002434 .002460 .002485 .002508 .002529	.002365 .002391 .002415 .002438 .002460	.002298 .002324 .002348 .002371 .002393	.002233 .002259 .002284 .002307 .002328	.002171 .002197 .002221 .002244 .002265
4.5	.003390 .003404 .003415 .003424 .003431	.003292 .003306 .003319 .003329 .003337	.003198 .003212 .003225 .003236 .003245	.003106 .003122 .003135 .003147 .003157	.003018 .003034 .003048 .003060 .003071	.002933 .002949 .002964 .002977 .002988	.002851 .002868 .002883 .002896 .002908	.002771 .002788 .002804 .002813 .002830	.002694 .002712 .002728 .002742 .002755	.002620 .002638 .002654 .002669 .002682	.002549 .002567 .002583 .002598 .002612	.002479 .002498 .002515 .002530 .002544	.002413 .002431 .002448 .002464 .002478	.002348 .002366 .002384 .002399 .002414	.002285 .002304 .002321 .002337 .002352

$H_z(r, z)$

r	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
z															
.0	-.000000 .000070 .000139 .000208 .000277	-.000000 .000067 .000134 .000201 .000268	-.000000 .000065 .000130 .000195 .000260	-.000000 .000063 .000126 .000189 .000251	-.000000 .000061 .000122 .000183 .000243	-.000000 .000059 .000118 .000177 .000236	-.000000 .000057 .000114 .000171 .000228	-.000000 .000055 .000111 .000166 .000221	-.000000 .000054 .000107 .000161 .000214	-.000000 .000052 .000104 .000156 .000208	-.000000 .000051 .000101 .000151 .000202	-.000000 .000049 .000098 .000147 .000196	-.000000 .000048 .000095 .000143 .000190	-.000000 .000046 .000092 .000139 .000185	-.000000 .000045 .000090 .000135 .000179
.5	.000346 .000414 .000482 .000550 .000616	.000335 .000401 .000467 .000532 .000596	.000324 .000388 .000452 .000515 .000577	.000314 .000375 .000437 .000498 .000559	.000304 .000364 .000423 .000482 .000541	.000294 .000352 .000410 .000467 .000524	.000285 .000341 .000397 .000453 .000508	.000276 .000331 .000385 .000439 .000493	.000268 .000321 .000373 .000426 .000478	.000260 .000311 .000362 .000401 .000450	.000252 .000302 .000351 .000389 .000436	.000244 .000293 .000341 .000377 .000424	.000237 .000284 .000331 .000377 .000424	.000230 .000276 .000321 .000367 .000411	.000224 .000268 .000312 .000356 .000400
1.0	.000683 .000748 .000812 .000876 .000939	.000660 .000724 .000786 .000848 .000908	.000639 .000700 .000761 .000821 .000880	.000619 .000678 .000737 .000795 .000852	.000599 .000657 .000714 .000770 .000825	.000581 .000636 .000692 .000746 .000800	.000563 .000617 .000670 .000723 .000776	.000546 .000598 .000650 .000701 .000752	.000529 .000580 .000631 .000680 .000730	.000513 .000563 .000612 .000660 .000708	.000498 .000546 .000594 .000641 .000687	.000483 .000530 .000576 .000622 .000667	.000469 .000515 .000560 .000604 .000648	.000456 .000500 .000544 .000587 .000630	.000443 .000486 .000528 .000570 .000612
1.5	.001000 .001061 .001120 .001179 .001236	.000968 .001027 .001085 .001141 .001197	.000938 .000995 .001051 .001106 .001160	.000908 .000964 .001018 .001071 .001124	.000880 .000934 .000987 .001039 .001090	.000853 .000905 .000957 .001007 .001057	.000827 .000878 .000928 .000977 .001025	.000802 .000851 .000900 .000948 .000994	.000778 .000826 .000873 .000920 .000965	.000755 .000802 .000848 .000893 .000937	.000733 .000778 .000823 .000867 .000910	.000712 .000756 .000799 .000842 .000884	.000691 .000734 .000777 .000818 .000859	.000672 .000713 .000755 .000795 .000835	.000653 .000693 .000733 .000773 .000812
2.0	.001292 .001346 .001400 .001452 .001502	.001251 .001304 .001356 .001407 .001456	.001212 .001264 .001315 .001364 .001412	.001175 .001225 .001275 .001323 .001369	.001139 .001188 .001236 .001283 .001328	.001105 .001153 .001199 .001245 .001289	.001072 .001086 .001118 .001164 .001173	.001040 .001086 .001130 .001173 .001215	.001010 .001054 .001097 .001139 .001180	.000981 .001023 .001065 .001106 .001146	.000952 .000994 .001035 .001075 .001114	.000925 .000966 .001006 .001045 .001083	.000899 .000939 .000978 .001016 .001053	.000874 .000913 .000950 .000988 .001024	.000850 .000887 .000924 .000960 .000996
2.5	.001551 .001599 .001645 .001690 .001733	.001504 .001551 .001596 .001639 .001682	.001459 .001504 .001548 .001591 .001632	.001415 .001459 .001502 .001544 .001584	.001373 .001416 .001458 .001499 .001538	.001332 .001375 .001416 .001456 .001494	.001294 .001335 .001375 .001414 .001452	.001256 .001296 .001336 .001374 .001411	.001220 .001260 .001298 .001335 .001371	.001186 .001224 .001261 .001298 .001333	.001152 .001190 .001226 .001262 .001296	.001120 .001157 .001192 .001227 .001261	.001089 .001125 .001160 .001194 .001227	.001059 .001094 .001128 .001161 .001194	.001031 .001065 .001098 .001130 .001162
3.0	.001775 .001816 .001854 .001892 .001928	.001723 .001762 .001800 .001837 .001872	.001672 .001711 .001748 .001784 .001819	.001624 .001661 .001698 .001733 .001767	.001577 .001614 .001650 .001684 .001718	.001532 .001568 .001603 .001637 .001670	.001488 .001524 .001558 .001592 .001624	.001447 .001481 .001515 .001548 .001579	.001406 .001440 .001473 .001505 .001536	.001367 .001401 .001433 .001465 .001495	.001330 .001363 .001394 .001425 .001455	.001294 .001326 .001357 .001387 .001416	.001259 .001290 .001321 .001350 .001379	.001225 .001256 .001286 .001315 .001343	.001193 .001223 .001252 .001280 .001308
3.5	.001962 .001995 .002026 .002056 .002084	.001906 .001938 .001969 .001999 .002027	.001852 .001884 .001914 .001943 .001971	.001800 .001831 .001861 .001890 .001917	.001750 .001780 .001810 .001838 .001865	.001701 .001732 .001761 .001789 .001815	.001655 .001684 .001713 .001740 .001767	.001610 .001639 .001667 .001694 .001720	.001566 .001595 .001623 .001649 .001675	.001524 .001552 .001580 .001606 .001631	.001484 .001511 .001538 .001564 .001589	.001444 .001472 .001498 .001524 .001548	.001407 .001434 .001459 .001484 .001509	.001370 .001397 .001422 .001447 .001470	.001335 .001361 .001386 .001410 .001433
4.0	.002111 .002137 .002161 .002184 .002205	.002053 .002079 .002103 .002125 .002146	.001997 .002022 .002046 .002069 .002090	.001943 .001968 .001992 .002014 .002035	.001891 .001916 .001939 .001961 .001982	.001841 .001865 .001888 .001910 .001931	.001792 .001816 .001839 .001861 .001882	.001745 .001769 .001791 .001813 .001834	.001699 .001723 .001745 .001767 .001787	.001655 .001679 .001701 .001722 .001742	.001613 .001636 .001658 .001679 .001699	.001572 .001594 .001616 .001637 .001657	.001532 .001554 .001576 .001596 .001616	.001493 .001515 .001536 .001557 .001576	.001456 .001478 .001499 .001519 .001538
4.5	.002225 .002244 .002261 .002277 .002292	.002166 .002185 .002203 .002219 .002234	.002110 .002129 .002146 .002162 .002178	.002055 .002074 .002091 .002108 .002123	.002002 .002021 .002038 .002055 .002070	.001951 .001969 .001987 .002003 .002019	.001901 .001920 .001937 .001954 .001969	.001853 .001872 .001889 .001906 .001921	.001807 .001825 .001842 .001859 .001874	.001761 .001780 .001797 .001814 .001829	.001718 .001736 .001753 .001770 .001785	.001676 .001694 .001711 .001727 .001742	.001635 .001652 .001669 .001686 .001701	.001595 .001613 .001630 .001646 .001661	.001556 .001574 .001591 .001607 .001622

$H_z(r, z)$

r	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
5.0	.019419 .018686 .017994 .017338 .016718	.019408 .018676 .017984 .017330 .016710	.019376 .018646 .017956 .017304 .016686	.019322 .018596 .017910 .017260 .016645	.019246 .018526 .017845 .017200 .016589	.019150 .018437 .017762 .017123 .016517	.019034 .018329 .017661 .017029 .016430	.018898 .018202 .017544 .016920 .016328	.018743 .018058 .017410 .016795 .016212	.018569 .017897 .017260 .016655 .016081	.018378 .017719 .017095 .016501 .015938	.018171 .017527 .016915 .016334 .015781	.017948 .017319 .016722 .016154 .015613	.017711 .017098 .016516 .015961 .015433	.017461 .016865 .016298 .015757 .015243
5.5	.016130 .015572 .015043 .014540 .014061	.016123 .015565 .015036 .014534 .014056	.016100 .015544 .015017 .014515 .014038	.016062 .015509 .014984 .014485 .014010	.016010 .015460 .014938 .014442 .013970	.015943 .015398 .014880 .014387 .013918	.015862 .015322 .014809 .014321 .013856	.015767 .015233 .014726 .014243 .013783	.015658 .015132 .014631 .014154 .013700	.015536 .015018 .014524 .014054 .013607	.015402 .014892 .014407 .013944 .013503	.015256 .014756 .014279 .013824 .013391	.015098 .014608 .014141 .013695 .013269	.014930 .014451 .013993 .013556 .013139	.014752 .014283 .013836 .013409 .013001
6.0	.013606 .013172 .012759 .012364 .011988	.013601 .013167 .012754 .012360 .011984	.013584 .013152 .012740 .012347 .011971	.013558 .013127 .012716 .012324 .011950	.013520 .013092 .012683 .012293 .011921	.013472 .013047 .012641 .012253 .011883	.013414 .012992 .012589 .012205 .011838	.013345 .012928 .012529 .012148 .011785	.013267 .012854 .012460 .012083 .011723	.013180 .012772 .012383 .012011 .011655	.013083 .012681 .012297 .011930 .011579	.012977 .012581 .012203 .011842 .011496	.012863 .012474 .012102 .011746 .011406	.012740 .012359 .011994 .011644 .011310	.012610 .012236 .011878 .011536 .011207
6.5	.011628 .011284 .010956 .010641 .010339	.011624 .011281 .010952 .010638 .010336	.011612 .011270 .010942 .010628 .010327	.011593 .011251 .010924 .010611 .010311	.011565 .011225 .010900 .010588 .010289	.011530 .011192 .010868 .010558 .010261	.011487 .011151 .010830 .010522 .010227	.011437 .011104 .010785 .010480 .010187	.011379 .011050 .010734 .010431 .010142	.011314 .010988 .010676 .010377 .010090	.011243 .010921 .010612 .010317 .010033	.011164 .010847 .010543 .010251 .009970	.011080 .010767 .010467 .010179 .009903	.010989 .010681 .010386 .010102 .009830	.010892 .010589 .010299 .010020 .009752
7.0	.010051 .009773 .009508 .009253 .009008	.010048 .009771 .009505 .009250 .009005	.010039 .009762 .009497 .009243 .008998	.010024 .009748 .009484 .009230 .008986	.010003 .009729 .009465 .009212 .008969	.009977 .009704 .009442 .009190 .008948	.009945 .009673 .009413 .009163 .008922	.009907 .009637 .009379 .009130 .008892	.009863 .009596 .009340 .009094 .008857	.009815 .009550 .009296 .009052 .008817	.009761 .009499 .009248 .009006 .008774	.009701 .009443 .009194 .008956 .008726	.009637 .009382 .009137 .008891 .008674	.009568 .009317 .009075 .008842 .008618	.009495 .009247 .009009 .008779 .008558
7.5	.008772 .008546 .008328 .008118 .007917	.008770 .008544 .008326 .008116 .007915	.008763 .008537 .008320 .008111 .007909	.008752 .008526 .008310 .008101 .007900	.008736 .008511 .008295 .008087 .007887	.008716 .008492 .008277 .008070 .007870	.008691 .008469 .008255 .008049 .007850	.008662 .008441 .008229 .008024 .007827	.008629 .008410 .008199 .007995 .007800	.008591 .008374 .008165 .007963 .007769	.008550 .008335 .008127 .007928 .007735	.008505 .008291 .008086 .007888 .007698	.008455 .008245 .008042 .007846 .007657	.008402 .008194 .007994 .007800 .007614	.008345 .008140 .007942 .007751 .007567
8.0	.007722 .007535 .007354 .007180 .007012	.007720 .007533 .007353 .007178 .007010	.007715 .007528 .007348 .007174 .007006	.007706 .007520 .007340 .007166 .006999	.007694 .007508 .007329 .007156 .006989	.007678 .007493 .007314 .007142 .006976	.007659 .007475 .007297 .007125 .006960	.007637 .007453 .007276 .007106 .006941	.007611 .007429 .007253 .007083 .006920	.007582 .007401 .007226 .007058 .006896	.007549 .007370 .007197 .007030 .006869	.007514 .007336 .007165 .006999 .006839	.007475 .007299 .007130 .006966 .006807	.007434 .007260 .007092 .006930 .006773	.007389 .007217 .007051 .006891 .006736
8.5	.006849 .006693 .006541 .006395 .006253	.006848 .006691 .006540 .006394 .006252	.006844 .006687 .006536 .006390 .006249	.006837 .006681 .006530 .006384 .006243	.006827 .006671 .006521 .006375 .006235	.006815 .006660 .006510 .006365 .006224	.006800 .006645 .006496 .006351 .006212	.006782 .006628 .006480 .006336 .006197	.006761 .006609 .006461 .006318 .006180	.006738 .006587 .006440 .006298 .006160	.006713 .006562 .006416 .006275 .006139	.006685 .006535 .006391 .006251 .006116	.006654 .006506 .006363 .006224 .006090	.006621 .006475 .006333 .006195 .006062	.006586 .006441 .006300 .006164 .006033
9.0	.006116 .005984 .005856 .005731 .005611	.006115 .005983 .005855 .005730 .005610	.006112 .005980 .005851 .005727 .005607	.006106 .005974 .005846 .005723 .005603	.006099 .005967 .005839 .005716 .005596	.006089 .005957 .005830 .005707 .005588	.006077 .005946 .005819 .005696 .005578	.006062 .005932 .005806 .005684 .005566	.006046 .005916 .005791 .005670 .005552	.006028 .005899 .005774 .005653 .005536	.006007 .005879 .005755 .005635 .005519	.005985 .005858 .005735 .005615 .005500	.005960 .005834 .005712 .005594 .005479	.005934 .005809 .005688 .005571 .005457	.005905 .005782 .005662 .005546 .005433
9.5	.005495 .005382 .005272 .005166 .005063	.005494 .005381 .005271 .005165 .005062	.005491 .005378 .005269 .005163 .005060	.005486 .005374 .005265 .005159 .005056	.005480 .005368 .005259 .005153 .005051	.005472 .005360 .005252 .005146 .005044	.005462 .005351 .005243 .005137 .005036	.005451 .005340 .005232 .005127 .005026	.005438 .005327 .005220 .005116 .005014	.005423 .005313 .005206 .005102 .005002	.005406 .005297 .005191 .005088 .004988	.005388 .005279 .005174 .005071 .004972	.005368 .005260 .005155 .005054 .004955	.005347 .005239 .005136 .005035 .004937	.005323 .005217 .005114 .005014 .004917

		$H_z(r, z)$															
r	z	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	
5.0		.017198 .016620 .016069 .015543 .015042	.016924 .016364 .015829 .015320 .014833	.016640 .016098 .015581 .015087 .014615	.016347 .015824 .015325 .014847 .014389	.016047 .015543 .015061 .014599 .014157	.015739 .015255 .014791 .014345 .013919	.015426 .014961 .014515 .014086 .013675	.015109 .014663 .014361 .014056 .013750	.014788 .014361 .013950 .013663 .013374	.014464 .014056 .013663 .013285 .013012	.014138 .013750 .013374 .013084 .012738	.013812 .013442 .013084 .012793 .012462	.013486 .013134 .012793 .012462 .012143	.013160 .012826 .012501 .012187 .011882	.012836 .012519 .012211 .011912 .011621	
5.5		.014564 .014107 .013671 .013254 .012855	.014368 .013923 .013498 .013091 .012702	.014163 .013731 .013318 .012921 .012542	.013951 .013532 .013130 .012745 .012376	.013733 .013327 .012937 .012563 .012205	.013509 .013116 .012739 .012376 .012028	.013280 .012900 .012535 .012184 .011847	.013046 .012680 .012327 .011988 .011662	.012808 .012456 .012116 .011788 .011473	.012568 .012228 .011901 .011585 .011281	.012324 .011998 .011684 .011380 .011086	.012079 .011767 .011464 .011172 .010889	.011833 .011533 .011243 .010962 .010690	.011586 .011299 .011021 .010752 .010490	.011338 .011064 .010798 .010540 .010290	
6.0		.012473 .012107 .011757 .011421 .011098	.012329 .011971 .011629 .011300 .010984	.012178 .011829 .011495 .011173 .010865	.012022 .011682 .011356 .011042 .010741	.011860 .011529 .011211 .010906 .010612	.011694 .011372 .011063 .010765 .010479	.011522 .011210 .010910 .010620 .010341	.011347 .011044 .010753 .010472 .010201	.011169 .010875 .010593 .010320 .010057	.010987 .010703 .010429 .010165 .009910	.010802 .010528 .010264 .010008 .009761	.010616 .010351 .010096 .009848 .009609	.010427 .010172 .009926 .009687 .009456	.010237 .009992 .009754 .009524 .009301	.010047 .009811 .009582 .009360 .009144	
6.5		.010789 .010492 .010207 .009933 .009670	.010681 .010390 .010111 .009842 .009583	.010569 .010284 .010010 .009746 .009493	.010451 .010172 .009904 .009646 .009398	.010329 .010057 .009795 .009542 .009299	.010203 .009937 .009681 .009435 .009197	.010073 .009814 .009565 .009324 .009092	.009940 .009688 .009444 .009210 .008983	.009803 .009558 .009321 .009093 .008872	.009664 .009426 .009196 .008973 .008758	.009522 .009291 .009067 .008851 .008642	.009378 .009154 .008937 .008727 .008524	.009232 .009015 .008805 .008601 .008404	.009084 .008874 .008671 .008474 .008283	.008935 .008733 .008536 .008345 .008160	
7.0		.009417 .009173 .008939 .008713 .008495	.009335 .009095 .008864 .008642 .008428	.009248 .009013 .008787 .008568 .008358	.009158 .008928 .008705 .008491 .008284	.009065 .008839 .008621 .008411 .008208	.008968 .008747 .008533 .008327 .008128	.008868 .008651 .008443 .008241 .008046	.008765 .008553 .008349 .008152 .007961	.008659 .008453 .008253 .008061 .007874	.008551 .008350 .008155 .007967 .007785	.008440 .008244 .008055 .007871 .007694	.008328 .008137 .007953 .007774 .007601	.008213 .008028 .007848 .007674 .007506	.008097 .007917 .007743 .007573 .007409	.007980 .007805 .007636 .007471 .007311	
7.5		.008285 .008083 .007888 .007699 .007517	.008221 .008022 .007830 .007644 .007465	.008155 .007959 .007769 .007586 .007410	.008085 .007892 .007706 .007526 .007352	.008012 .007822 .007640 .007463 .007292	.007936 .007750 .007571 .007397 .007229	.007858 .007676 .007500 .007329 .007164	.007777 .007599 .007426 .007259 .007097	.007694 .007519 .007350 .007187 .007028	.007609 .007438 .007273 .007113 .006957	.007522 .007355 .007193 .007037 .006885	.007433 .007270 .007112 .006959 .006810	.007342 .007183 .007029 .006880 .006734	.007250 .007095 .006945 .006799 .006657	.007156 .007005 .006859 .006717 .006579	
8.0		.007342 .007172 .007008 .006850 .006697	.007292 .007125 .006963 .006806 .006655	.007239 .007074 .006915 .006761 .006611	.007184 .007022 .006865 .006712 .006565	.007127 .006967 .006812 .006662 .006517	.007067 .006910 .006757 .006610 .006467	.007005 .006850 .006701 .006556 .006415	.006941 .006789 .006642 .006500 .006362	.006875 .006726 .006582 .006442 .006306	.006807 .006661 .006520 .006383 .006249	.006737 .006595 .006456 .006321 .006191	.006666 .006526 .006391 .006259 .006131	.006594 .006457 .006324 .006195 .006070	.006520 .006386 .006256 .006130 .006007	.006444 .006314 .006187 .006063 .005943	
8.5		.006548 .006405 .006266 .006131 .006001	.006509 .006367 .006230 .006097 .005968	.006467 .006327 .006191 .006060 .005933	.006423 .006285 .006151 .006021 .005896	.006377 .006241 .006109 .005981 .005857	.006329 .006195 .006065 .005939 .005817	.006279 .006147 .006019 .005895 .005775	.006228 .006098 .005972 .005850 .005731	.006175 .006047 .005923 .005803 .005686	.006120 .005995 .005873 .005755 .005640	.006064 .005941 .005822 .005705 .005593	.006007 .005886 .005769 .005655 .005544	.005948 .005829 .005714 .005603 .005494	.005888 .005772 .005659 .005549 .005443	.005827 .005713 .005603 .005495 .005391	
9.0		.005875 .005753 .005634 .005519 .005407	.005843 .005722 .005604 .005491 .005380	.005809 .005690 .005573 .005461 .005351	.005774 .005655 .005541 .005429 .005321	.005737 .005620 .005507 .005397 .005290	.005698 .005583 .005471 .005362 .005257	.005658 .005544 .005434 .005327 .005223	.005616 .005504 .005395 .005290 .005187	.005573 .005463 .005356 .005252 .005151	.005529 .005420 .005315 .005212 .005113	.005483 .005376 .005273 .005172 .005074	.005436 .005331 .005229 .005130 .005034	.005388 .005285 .005185 .005087 .004993	.005339 .005238 .005139 .005044 .004950	.005289 .005190 .005093 .004999 .004907	
9.5		.005299 .005194 .005092 .004993 .004896	.005273 .005169 .005068 .004969 .004874	.005245 .005142 .005042 .004945 .004850	.005216 .005115 .005016 .004919 .004826	.005186 .005085 .004988 .004892 .004800	.005155 .005055 .004958 .004864 .004773	.005122 .005023 .004928 .004835 .004745	.005088 .004991 .004896 .004805 .004715	.005052 .004957 .004864 .004773 .004685	.005016 .004922 .004830 .004741 .004654	.004978 .004885 .004795 .004707 .004621	.004940 .004848 .004759 .004673 .004588	.004900 .004810 .004723 .004637 .004554	.004860 .004771 .004685 .004601 .004519	.004818 .004731 .004647 .004564 .004484

		H ₂ (r,z)														
z	r	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
5.0		.012514	.012195	.011879	.011566	.011258	.010955	.010656	.010363	.010075	.009793	.009517	.009246	.008982	.008725	.008473
		.012214	.011911	.011611	.011314	.011020	.010731	.010446	.010166	.009890	.009620	.009355	.009096	.008842	.008594	.008352
		.011922	.011634	.011349	.011066	.010787	.010511	.010239	.009971	.009708	.009449	.009195	.008946	.008702	.008464	.008231
		.011637	.011364	.011093	.010824	.010558	.010295	.010035	.009779	.009527	.009280	.009036	.008797	.008563	.008333	.008109
		.011360	.011101	.010843	.010588	.010334	.010083	.009835	.009591	.009349	.009112	.008879	.008649	.008424	.008204	.007987
5.5		.011091	.010845	.010600	.010356	.010115	.009875	.009639	.009405	.009174	.008947	.008723	.008503	.008286	.008074	.007866
		.010830	.010596	.010362	.010130	.009900	.009672	.009446	.009222	.009001	.008783	.008569	.008357	.008150	.007946	.007745
		.010575	.010353	.010131	.009910	.009690	.009472	.009256	.009042	.008831	.008622	.008417	.008214	.008014	.007818	.007625
		.010328	.010117	.009905	.009695	.009485	.009277	.009071	.008866	.008664	.008464	.008267	.008072	.007880	.007691	.007506
		.010088	.009887	.009686	.009485	.009285	.009086	.008889	.008693	.008500	.008308	.008119	.007932	.007748	.007566	.007387
6.0		.009855	.009663	.009472	.009280	.009089	.008900	.008711	.008524	.008338	.008155	.007973	.007794	.007617	.007442	.007270
		.009628	.009446	.009263	.009081	.008899	.008717	.008537	.008358	.008180	.008004	.007830	.007658	.007487	.007320	.007154
		.009408	.009234	.009060	.008886	.008712	.008539	.008366	.008195	.008025	.007856	.007689	.007523	.007360	.007198	.007039
		.009195	.009029	.008863	.008696	.008530	.008365	.008200	.008036	.007873	.007711	.007550	.007391	.007234	.007079	.006925
		.008987	.008829	.008671	.008512	.008353	.008195	.008037	.007880	.007723	.007568	.007414	.007262	.007110	.006961	.006813
6.5		.008785	.008635	.008483	.008332	.008180	.008029	.007878	.007727	.007577	.007428	.007280	.007134	.006989	.006845	.006703
		.008590	.008446	.008301	.008157	.008012	.007867	.007722	.007578	.007434	.007291	.007149	.007008	.006869	.006730	.006593
		.008399	.008262	.008124	.007986	.007847	.007709	.007570	.007432	.007294	.007157	.007020	.006885	.006751	.006618	.006486
		.008215	.008084	.007952	.007820	.007687	.007554	.007421	.007289	.007157	.007025	.006894	.006764	.006635	.006507	.006380
		.008035	.007910	.007784	.007658	.007531	.007404	.007276	.007149	.007022	.006896	.006770	.006645	.006521	.006398	.006275
7.0		.007861	.007741	.007621	.007500	.007378	.007257	.007135	.007013	.006891	.006770	.006649	.006529	.006409	.006290	.006172
		.007692	.007577	.007462	.007346	.007230	.007113	.006996	.006880	.006763	.006646	.006530	.006414	.006299	.006185	.006071
		.007527	.007418	.007308	.007197	.007085	.006974	.006861	.006749	.006637	.006525	.006413	.006302	.006191	.006081	.005972
		.007368	.007263	.007157	.007051	.006944	.006837	.006730	.006622	.006514	.006407	.006299	.006192	.006085	.005979	.005874
		.007212	.007112	.007011	.006909	.006807	.006704	.006601	.006498	.006394	.006291	.006187	.006084	.005982	.005879	.005778
7.5		.007061	.006966	.006869	.006771	.006673	.006574	.006475	.006376	.006277	.006177	.006078	.005979	.005880	.005781	.005683
		.006915	.006823	.006730	.006637	.006543	.006448	.006353	.006257	.006162	.006066	.005971	.005875	.005780	.005685	.005590
		.006772	.006684	.006595	.006506	.006415	.006325	.006233	.006142	.006050	.005958	.005866	.005774	.005682	.005590	.005499
		.006634	.006549	.006464	.006378	.006291	.006204	.006116	.006028	.005940	.005851	.005763	.005674	.005586	.005498	.005410
		.006499	.006418	.006336	.006254	.006171	.006087	.006002	.005918	.005833	.005748	.005662	.005577	.005492	.005407	.005322
8.0		.006368	.006290	.006212	.006133	.006053	.005972	.005891	.005810	.005728	.005646	.005564	.005482	.005400	.005318	.005236
		.006240	.006166	.006091	.006015	.005938	.005861	.005783	.005704	.005626	.005547	.005468	.005388	.005309	.005230	.005151
		.006116	.006045	.005973	.005900	.005826	.005752	.005677	.005601	.005526	.005450	.005373	.005297	.005221	.005144	.005068
		.005996	.005927	.005858	.005788	.005717	.005645	.005573	.005501	.005428	.005355	.005281	.005208	.005134	.005060	.004987
		.005879	.005813	.005746	.005679	.005611	.005542	.005472	.005403	.005332	.005262	.005191	.005120	.005049	.004978	.004907
8.5		.005764	.005701	.005637	.005572	.005507	.005441	.005374	.005307	.005239	.005171	.005103	.005034	.004966	.004897	.004828
		.005653	.005593	.005531	.005469	.005406	.005342	.005278	.005213	.005148	.005082	.005016	.004950	.004884	.004818	.004751
		.005545	.005487	.005428	.005368	.005307	.005246	.005184	.005121	.005058	.004995	.004932	.004868	.004804	.004740	.004676
		.005440	.005384	.005327	.005269	.005211	.005152	.005092	.005032	.004971	.004910	.004849	.004788	.004726	.004664	.004602
		.005337	.005284	.005229	.005173	.005117	.005060	.005002	.004944	.004886	.004827	.004768	.004709	.004649	.004589	.004530
9.0		.005238	.005186	.005133	.005079	.005025	.004970	.004915	.004859	.004803	.004746	.004689	.004632	.004574	.004516	.004458
		.005140	.005090	.005040	.004988	.004936	.004883	.004830	.004776	.004721	.004667	.004612	.004556	.004501	.004445	.004389
		.005046	.004998	.004949	.004899	.004849	.004798	.004746	.004694	.004642	.004589	.004536	.004482	.004429	.004375	.004320
		.004954	.004907	.004860	.004812	.004764	.004715	.004665	.004615	.004564	.004513	.004462	.004410	.004358	.004306	.004253
		.004864	.004819	.004774	.004727	.004681	.004633	.004585	.004537	.004488	.004439	.004389	.004339	.004289	.004238	.004188
9.5		.004776	.004733	.004689	.004645	.004600	.004554	.004508	.004461	.004414	.004366	.004318	.004270	.004221	.004172	.004123
		.004691	.004649	.004607	.004564	.004520	.004476	.004432	.004387	.004341	.004295	.004249	.004202	.004155	.004108	.004060
		.004607	.004567	.004527	.004485	.004443	.004401	.004358	.004314	.004270	.004225	.004181	.004135	.004090	.004044	.003998
		.004525	.004488	.004448	.004408	.004368	.004327	.004285	.004243	.004200	.004157	.004114	.004070	.004026	.003982	.003938
		.004447	.004410	.004372	.004333	.004294	.004254	.004214	.004174	.004132	.004091	.004049	.004007	.003964	.003921	.003878

		$H_z(r, z)$														
r	z	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
5.0		.008228 .008116 .008003 .007889 .007776	.007989 .007885 .007780 .007675 .007569	.007757 .007661 .007563 .007465 .007366	.007530 .007442 .007352 .007261 .007169	.007310 .007229 .007146 .007061 .006976	.007097 .007022 .006945 .006867 .006788	.006889 .006820 .006750 .006677 .006604	.006687 .006624 .006560 .006493 .006425	.006492 .006434 .006375 .006314 .006251	.006302 .006249 .006195 .006139 .006081	.006117 .006070 .006020 .005969 .005916	.005939 .005896 .005851 .005804 .005755	.005766 .005727 .005686 .005643 .005599	.005598 .005563 .005526 .005488 .005447	.005435 .005404 .005371 .005336 .005299
5.5		.007662 .007549 .007436 .007324 .007212	.007463 .007356 .007250 .007145 .007039	.007267 .007168 .007068 .006969 .006870	.007076 .006983 .006890 .006797 .006703	.006890 .006803 .006716 .006628 .006540	.006707 .006626 .006545 .006463 .006381	.006530 .006454 .006378 .006301 .006224	.006356 .006286 .006215 .006143 .006071	.006187 .006122 .006056 .005989 .005921	.006022 .005962 .005900 .005838 .005775	.005861 .005806 .005749 .005690 .005632	.005705 .005653 .005601 .005547 .005492	.005553 .005505 .005456 .005406 .005355	.005405 .005361 .005316 .005269 .005222	.005260 .005220 .005179 .005136 .005092
6.0		.007101 .006991 .006882 .006774 .006667	.006935 .006830 .006727 .006625 .006524	.006771 .006673 .006575 .006478 .006382	.006610 .006518 .006425 .006333 .006242	.006453 .006365 .006278 .006191 .006105	.006298 .006216 .006133 .006051 .005969	.006147 .006069 .005992 .005914 .005837	.005998 .005925 .005852 .005779 .005706	.005853 .005785 .005716 .005647 .005578	.005711 .005647 .005582 .005517 .005452	.005572 .005512 .005451 .005390 .005328	.005436 .005380 .005323 .005265 .005207	.005303 .005250 .005197 .005143 .005089	.005173 .005124 .005074 .005024 .004972	.005047 .005001 .004954 .004907 .004859
6.5		.006562 .006458 .006355 .006254 .006154	.006423 .006324 .006226 .006129 .006034	.006287 .006192 .006099 .006006 .005915	.006152 .006062 .005973 .005885 .005798	.006019 .005934 .005849 .005765 .005682	.005888 .005807 .005727 .005647 .005568	.005759 .005683 .005606 .005530 .005455	.005633 .005560 .005488 .005415 .005344	.005509 .005440 .005371 .005302 .005234	.005387 .005321 .005256 .005191 .005126	.005267 .005205 .005143 .005082 .005020	.005149 .005091 .005032 .004974 .004916	.005034 .004979 .004924 .004868 .004813	.004921 .004869 .004817 .004764 .004712	.004810 .004761 .004712 .004663 .004613
7.0		.006056 .005959 .005863 .005769 .005677	.005940 .005847 .005755 .005665 .005576	.005825 .005736 .005649 .005562 .005477	.005712 .005627 .005543 .005460 .005378	.005600 .005519 .005438 .005359 .005280	.005489 .005412 .005335 .005259 .005183	.005380 .005306 .005232 .005160 .005088	.005272 .005202 .005131 .005062 .004993	.005166 .005099 .005032 .004965 .004899	.005062 .004997 .004933 .004870 .004807	.004959 .004897 .004837 .004776 .004716	.004857 .004799 .004741 .004683 .004626	.004757 .004702 .004647 .004592 .004537	.004659 .004607 .004554 .004502 .004450	.004563 .004513 .004463 .004413 .004364
7.5		.005586 .005496 .005409 .005322 .005237	.005489 .005403 .005318 .005235 .005153	.005393 .005310 .005229 .005148 .005069	.005297 .005218 .005139 .005062 .004986	.005203 .005126 .005051 .004977 .004904	.005109 .005036 .004963 .004892 .004821	.005017 .004946 .004877 .004808 .004740	.004925 .004857 .004791 .004725 .004659	.004834 .004769 .004705 .004642 .004579	.004745 .004683 .004621 .004560 .004500	.004656 .004597 .004538 .004480 .004422	.004569 .004512 .004456 .004400 .004344	.004483 .004428 .004374 .004321 .004268	.004398 .004346 .004294 .004243 .004192	.004314 .004264 .004215 .004166 .004117
8.0		.005154 .005072 .004992 .004913 .004836	.005073 .004994 .004916 .004840 .004765	.004992 .004916 .004840 .004767 .004694	.004911 .004838 .004765 .004694 .004624	.004831 .004760 .004690 .004621 .004554	.004752 .004683 .004616 .004549 .004484	.004673 .004607 .004542 .004478 .004414	.004595 .004531 .004469 .004407 .004345	.004517 .004456 .004396 .004336 .004277	.004441 .004382 .004323 .004266 .004209	.004365 .004308 .004252 .004196 .004142	.004289 .004235 .004181 .004128 .004075	.004215 .004163 .004111 .004059 .004009	.004141 .004091 .004041 .003992 .003943	.004069 .004020 .003973 .003925 .003878
8.5		.004760 .004685 .004612 .004540 .004470	.004691 .004619 .004548 .004478 .004410	.004623 .004553 .004484 .004416 .004350	.004555 .004487 .004420 .004355 .004290	.004487 .004421 .004357 .004293 .004230	.004419 .004356 .004293 .004232 .004171	.004352 .004291 .004230 .004170 .004112	.004285 .004226 .004167 .004110 .004053	.004219 .004161 .004105 .004049 .003994	.004153 .004097 .004043 .003989 .003936	.004088 .004034 .003981 .003929 .003877	.004023 .003971 .003920 .003870 .003820	.003958 .003909 .003859 .003811 .003762	.003895 .003847 .003799 .003752 .003706	.003831 .003785 .003739 .003694 .003649
9.0		.004401 .004333 .004266 .004201 .004137	.004343 .004277 .004212 .004148 .004086	.004285 .004221 .004158 .004096 .004035	.004227 .004165 .004103 .004043 .003984	.004169 .004109 .004049 .003991 .003933	.004111 .004053 .003995 .003938 .003883	.004054 .003997 .003941 .003886 .003832	.003997 .003942 .003887 .003834 .003781	.003940 .003886 .003834 .003782 .003731	.003883 .003831 .003780 .003730 .003680	.003827 .003776 .003727 .003678 .003630	.003771 .003722 .003674 .003627 .003580	.003715 .003668 .003622 .003576 .003531	.003660 .003614 .003569 .003525 .003481	.003605 .003561 .003517 .003475 .003432
9.5		.004074 .004013 .003952 .003893 .003835	.004025 .003965 .003906 .003848 .003792	.003976 .003917 .003860 .003804 .003748	.003926 .003869 .003813 .003759 .003705	.003877 .003822 .003767 .003714 .003661	.003828 .003774 .003721 .003669 .003617	.003778 .003726 .003674 .003624 .003574	.003729 .003678 .003628 .003579 .003530	.003680 .003631 .003582 .003534 .003486	.003631 .003583 .003536 .003489 .003443	.003583 .003536 .003490 .003444 .003400	.003534 .003489 .003444 .003400 .003356	.003486 .003442 .003398 .003355 .003313	.003438 .003395 .003353 .003311 .003270	.003390 .003349 .003308 .003267 .003227

		H ₂ (r, z)														
r	z	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
5.0		.005278	.005125	.004977	.004834	.004696	.004562	.004432	.004306	.004185	.004067	.003953	.003843	.003736	.003633	.003533
		.005250	.005101	.004956	.004816	.004680	.004549	.004421	.004298	.004178	.004062	.003950	.003841	.003736	.003634	.003536
		.005221	.005075	.004933	.004796	.004662	.004533	.004408	.004287	.004169	.004055	.003945	.003838	.003734	.003633	.003536
		.005189	.005046	.004908	.004773	.004642	.004516	.004393	.004274	.004158	.004046	.003937	.003832	.003730	.003631	.003535
		.005155	.005016	.004880	.004749	.004621	.004497	.004376	.004259	.004146	.004035	.003929	.003825	.003724	.003627	.003532
5.5		.005120	.004984	.004851	.004722	.004597	.004476	.004357	.004243	.004131	.004023	.003918	.003816	.003717	.003621	.003527
		.005083	.004950	.004821	.004695	.004572	.004453	.004337	.004225	.004115	.004009	.003906	.003805	.003708	.003613	.003521
		.005045	.004915	.004789	.004665	.004545	.004429	.004315	.004205	.004098	.003993	.003892	.003793	.003698	.003605	.003514
		.005005	.004879	.004755	.004635	.004517	.004403	.004292	.004184	.004079	.003977	.003877	.003780	.003686	.003594	.003505
		.004965	.004841	.004720	.004603	.004488	.004376	.004268	.004162	.004059	.003958	.003861	.003765	.003673	.003583	.003495
6.0		.004923	.004802	.004684	.004570	.004458	.004348	.004242	.004138	.004037	.003939	.003843	.003750	.003659	.003570	.003484
		.004880	.004762	.004648	.004535	.004426	.004319	.004215	.004114	.004015	.003918	.003824	.003733	.003643	.003556	.003472
		.004837	.004722	.004610	.004500	.004393	.004289	.004187	.004088	.003991	.003896	.003804	.003714	.003627	.003541	.003458
		.004792	.004680	.004571	.004464	.004360	.004258	.004158	.004061	.003966	.003874	.003783	.003695	.003609	.003526	.003444
		.004747	.004638	.004532	.004427	.004326	.004226	.004129	.004034	.003941	.003850	.003762	.003675	.003591	.003509	.003428
6.5		.004702	.004596	.004492	.004390	.004290	.004193	.004098	.004005	.003914	.003826	.003739	.003654	.003572	.003491	.003412
		.004656	.004552	.004451	.004352	.004255	.004160	.004067	.003976	.003887	.003800	.003715	.003632	.003551	.003472	.003395
		.004609	.004509	.004410	.004313	.004218	.004126	.004035	.003946	.003859	.003774	.003691	.003610	.003530	.003453	.003377
		.004563	.004464	.004368	.004274	.004182	.004091	.004002	.003916	.003831	.003747	.003666	.003587	.003509	.003433	.003358
		.004516	.004420	.004326	.004234	.004144	.004056	.003969	.003885	.003801	.003720	.003641	.003563	.003487	.003412	.003339
7.0		.004468	.004375	.004284	.004194	.004107	.004020	.003936	.003853	.003772	.003692	.003614	.003538	.003464	.003391	.003319
		.004421	.004330	.004242	.004154	.004069	.003984	.003902	.003821	.003742	.003664	.003588	.003513	.003440	.003369	.003298
		.004374	.004285	.004199	.004114	.004030	.003948	.003868	.003789	.003711	.003635	.003561	.003488	.003416	.003346	.003277
		.004326	.004240	.004156	.004073	.003992	.003912	.003833	.003756	.003680	.003606	.003533	.003462	.003392	.003323	.003256
		.004279	.004195	.004113	.004032	.003953	.003875	.003798	.003723	.003649	.003576	.003505	.003435	.003367	.003300	.003234
7.5		.004231	.004150	.004070	.003991	.003914	.003838	.003763	.003690	.003617	.003547	.003477	.003409	.003341	.003276	.003211
		.004184	.004105	.004027	.003951	.003875	.003801	.003728	.003656	.003586	.003516	.003448	.003381	.003316	.003251	.003188
		.004137	.004060	.003984	.003910	.003836	.003764	.003693	.003623	.003554	.003486	.003419	.003354	.003290	.003227	.003165
		.004090	.004015	.003941	.003869	.003797	.003727	.003657	.003589	.003522	.003455	.003390	.003327	.003264	.003202	.003141
		.004043	.003971	.003899	.003828	.003758	.003689	.003622	.003555	.003489	.003425	.003361	.003299	.003237	.003177	.003118
8.0		.003997	.003926	.003856	.003787	.003719	.003652	.003586	.003521	.003457	.003394	.003332	.003271	.003211	.003152	.003094
		.003951	.003882	.003814	.003746	.003680	.003615	.003550	.003487	.003424	.003363	.003302	.003243	.003184	.003126	.003069
		.003905	.003838	.003771	.003706	.003641	.003578	.003515	.003453	.003392	.003332	.003273	.003214	.003157	.003100	.003045
		.003859	.003794	.003729	.003666	.003603	.003541	.003479	.003419	.003359	.003301	.003243	.003186	.003130	.003075	.003020
		.003814	.003750	.003688	.003626	.003564	.003504	.003444	.003385	.003327	.003270	.003213	.003157	.003103	.003049	.002995
8.5		.003769	.003707	.003646	.003586	.003526	.003467	.003409	.003351	.003294	.003239	.003183	.003129	.003075	.003022	.002970
		.003725	.003664	.003605	.003546	.003488	.003430	.003374	.003317	.003262	.003207	.003154	.003100	.003048	.002996	.002945
		.003680	.003622	.003564	.003507	.003450	.003394	.003339	.003284	.003230	.003176	.003124	.003072	.003021	.002970	.002920
		.003637	.003580	.003523	.003467	.003412	.003358	.003304	.003250	.003198	.003146	.003094	.003043	.002993	.002944	.002895
		.003593	.003538	.003483	.003429	.003375	.003322	.003269	.003217	.003165	.003115	.003064	.003015	.002966	.002918	.002870
9.0		.003550	.003497	.003443	.003390	.003338	.003286	.003235	.003184	.003134	.003084	.003035	.002986	.002939	.002891	.002845
		.003508	.003456	.003403	.003352	.003301	.003250	.003200	.003151	.003102	.003053	.003005	.002958	.002911	.002865	.002820
		.003466	.003415	.003364	.003314	.003264	.003215	.003166	.003118	.003070	.003023	.002976	.002930	.002884	.002839	.002795
		.003424	.003375	.003325	.003276	.003228	.003180	.003132	.003085	.003039	.002992	.002947	.002902	.002857	.002813	.002769
		.003383	.003335	.003287	.003239	.003192	.003145	.003099	.003053	.003007	.002962	.002918	.002874	.002830	.002787	.002744
9.5		.003343	.003296	.003249	.003202	.003156	.003111	.003065	.003021	.002976	.002932	.002889	.002846	.002803	.002761	.002719
		.003303	.003257	.003211	.003166	.003121	.003077	.003032	.002989	.002945	.002902	.002860	.002818	.002776	.002735	.002694
		.003263	.003218	.003174	.003130	.003086	.003043	.003000	.002957	.002915	.002873	.002831	.002790	.002750	.002709	.002670
		.003224	.003180	.003137	.003094	.003051	.003009	.002967	.002926	.002884	.002843	.002803	.002763	.002723	.002684	.002645
		.003185	.003143	.003101	.003059	.003017	.002976	.002935	.002894	.002854	.002814	.002775	.002735	.002697	.002658	.002620

		$H_z(r, z)$														
r		7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
5.0	z															
		.003437	.003343	.003252	.003165	.003080	.002998	.002918	.002841	.002766	.002694	.002624	.002556	.002491	.002427	.002365
		.003440	.003347	.003258	.003171	.003087	.003005	.002927	.002850	.002776	.002704	.002635	.002567	.002502	.002439	.002377
		.003442	.003350	.003262	.003176	.003092	.003012	.002934	.002858	.002784	.002713	.002644	.002577	.002512	.002450	.002388
		.003442	.003351	.003264	.003179	.003096	.003017	.002939	.002864	.002791	.002721	.002652	.002586	.002521	.002459	.002398
5.5		.003440	.003351	.003264	.003180	.003099	.003020	.002943	.002869	.002797	.002727	.002659	.002593	.002529	.002467	.002407
		.003437	.003349	.003263	.003181	.003100	.003022	.002946	.002873	.002801	.002732	.002665	.002599	.002536	.002474	.002415
		.003432	.003345	.003261	.003179	.003100	.003023	.002948	.002875	.002804	.002736	.002669	.002604	.002542	.002481	.002421
		.003426	.003341	.003258	.003177	.003098	.003022	.002948	.002876	.002806	.002739	.002673	.002608	.002546	.002486	.002427
		.003419	.003335	.003253	.003173	.003096	.003020	.002947	.002876	.002807	.002740	.002675	.002611	.002550	.002490	.002431
6.0		.003410	.003327	.003246	.003168	.003092	.003018	.002945	.002875	.002807	.002740	.002676	.002613	.002552	.002493	.002435
		.003400	.003319	.003239	.003162	.003087	.003013	.002942	.002873	.002805	.002740	.002676	.002614	.002553	.002495	.002437
		.003389	.003309	.003231	.003155	.003080	.003008	.002938	.002870	.002803	.002738	.002675	.002614	.002554	.002496	.002439
		.003377	.003298	.003221	.003146	.003073	.003002	.002933	.002865	.002800	.002736	.002673	.002613	.002553	.002496	.002440
		.003364	.003287	.003211	.003137	.003065	.002995	.002927	.002860	.002795	.002732	.002671	.002611	.002552	.002495	.002440
6.5		.003350	.003274	.003199	.003127	.003056	.002987	.002920	.002854	.002790	.002728	.002667	.002608	.002550	.002494	.002439
		.003335	.003260	.003187	.003116	.003046	.002978	.002912	.002847	.002784	.002723	.002663	.002604	.002547	.002492	.002437
		.003320	.003246	.003174	.003104	.003035	.002968	.002903	.002839	.002777	.002717	.002657	.002600	.002543	.002489	.002435
		.003303	.003231	.003160	.003091	.003024	.002958	.002893	.002831	.002770	.002710	.002651	.002595	.002539	.002485	.002432
		.003286	.003215	.003145	.003077	.003011	.002946	.002883	.002821	.002761	.002702	.002645	.002589	.002534	.002480	.002428
7.0		.003268	.003198	.003130	.003063	.002998	.002934	.002872	.002811	.002752	.002694	.002637	.002582	.002528	.002475	.002424
		.003249	.003181	.003114	.003048	.002984	.002922	.002861	.002801	.002742	.002685	.002629	.002575	.002522	.002469	.002419
		.003230	.003163	.003097	.003033	.002970	.002908	.002848	.002789	.002732	.002676	.002621	.002567	.002514	.002463	.002413
		.003210	.003144	.003080	.003017	.002955	.002895	.002835	.002778	.002721	.002666	.002611	.002559	.002507	.002456	.002407
		.003190	.003125	.003062	.003000	.002939	.002880	.002822	.002765	.002709	.002655	.002602	.002550	.002499	.002449	.002400
7.5		.003169	.003106	.003044	.002983	.002923	.002865	.002808	.002752	.002697	.002644	.002591	.002540	.002490	.002441	.002392
		.003148	.003086	.003025	.002965	.002907	.002850	.002794	.002739	.002685	.002632	.002580	.002530	.002480	.002432	.002385
		.003126	.003065	.003006	.002947	.002890	.002834	.002779	.002725	.002672	.002620	.002569	.002519	.002471	.002423	.002376
		.003104	.003045	.002986	.002929	.002873	.002817	.002763	.002710	.002658	.002607	.002557	.002508	.002460	.002414	.002367
		.003082	.003024	.002966	.002910	.002855	.002801	.002748	.002695	.002644	.002594	.002545	.002497	.002450	.002404	.002358
8.0		.003059	.003002	.002946	.002891	.002837	.002784	.002731	.002680	.002630	.002581	.002533	.002485	.002439	.002393	.002349
		.003037	.002981	.002925	.002871	.002818	.002766	.002715	.002665	.002615	.002567	.002520	.002473	.002427	.002383	.002339
		.003013	.002959	.002905	.002852	.002800	.002748	.002698	.002649	.002600	.002553	.002506	.002460	.002416	.002371	.002328
		.002990	.002936	.002884	.002832	.002781	.002730	.002681	.002633	.002585	.002538	.002493	.002448	.002403	.002360	.002318
		.002967	.002914	.002862	.002811	.002761	.002712	.002664	.002616	.002570	.002524	.002479	.002434	.002391	.002348	.002306
8.5		.002943	.002891	.002841	.002791	.002742	.002694	.002646	.002599	.002554	.002509	.002464	.002421	.002378	.002336	.002295
		.002919	.002869	.002819	.002770	.002722	.002675	.002628	.002583	.002538	.002493	.002450	.002407	.002365	.002324	.002283
		.002895	.002846	.002797	.002749	.002702	.002656	.002610	.002565	.002521	.002478	.002435	.002393	.002352	.002311	.002272
		.002871	.002823	.002775	.002728	.002682	.002637	.002592	.002548	.002505	.002462	.002420	.002379	.002338	.002299	.002259
		.002847	.002800	.002753	.002707	.002662	.002618	.002574	.002530	.002488	.002446	.002405	.002364	.002325	.002285	.002247
9.0		.002823	.002777	.002731	.002686	.002642	.002598	.002555	.002513	.002471	.002430	.002390	.002350	.002311	.002272	.002234
		.002799	.002754	.002709	.002665	.002621	.002579	.002536	.002495	.002454	.002414	.002374	.002335	.002297	.002259	.002222
		.002775	.002730	.002687	.002643	.002601	.002559	.002518	.002477	.002437	.002397	.002358	.002320	.002282	.002245	.002209
		.002751	.002707	.002664	.002622	.002580	.002539	.002499	.002459	.002419	.002381	.002342	.002305	.002268	.002231	.002195
		.002726	.002684	.002642	.002601	.002560	.002520	.002480	.002441	.002402	.002364	.002326	.002290	.002253	.002217	.002182
9.5		.002702	.002661	.002620	.002579	.002539	.002500	.002461	.002422	.002385	.002347	.002310	.002274	.002238	.002203	.002168
		.002678	.002638	.002597	.002558	.002519	.002480	.002442	.002404	.002367	.002330	.002294	.002259	.002223	.002189	.002155
		.002654	.002614	.002575	.002536	.002498	.002460	.002423	.002386	.002349	.002313	.002278	.002243	.002209	.002175	.002141
		.002630	.002591	.002553	.002515	.002477	.002440	.002403	.002367	.002332	.002296	.002262	.002227	.002193	.002160	.002127
		.002606	.002568	.002531	.002493	.002457	.002420	.002384	.002349	.002314	.002279	.002245	.002211	.002178	.002146	.002113
	.002582	.002545	.002508	.002472	.002436	.002400	.002365	.002330	.002296	.002262	.002229	.002196	.002163	.002131	.002099

		$H_z(r, z)$														
		9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
z	r															
		9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
5.0		.002306	.002248	.002192	.002137	.002084	.002033	.001984	.001936	.001889	.001844	.001800	.001757	.001716	.001675	.001636
		.002318	.002260	.002204	.002150	.002098	.002047	.001997	.001949	.001902	.001857	.001813	.001771	.001729	.001689	.001650
		.002329	.002272	.002216	.002162	.002110	.002059	.002010	.001962	.001915	.001870	.001826	.001784	.001742	.001702	.001663
		.002339	.002282	.002227	.002173	.002121	.002070	.002021	.001973	.001927	.001882	.001838	.001796	.001754	.001714	.001675
		.002349	.002292	.002237	.002183	.002131	.002081	.002032	.001984	.001938	.001893	.001849	.001807	.001766	.001726	.001687
5.5		.002357	.002300	.002245	.002192	.002141	.002090	.002042	.001994	.001948	.001903	.001860	.001817	.001776	.001736	.001698
		.002364	.002308	.002253	.002200	.002149	.002099	.002050	.002003	.001957	.001913	.001869	.001827	.001786	.001746	.001708
		.002369	.002314	.002260	.002207	.002156	.002107	.002058	.002011	.001966	.001921	.001878	.001836	.001795	.001756	.001717
		.002374	.002319	.002266	.002214	.002163	.002113	.002066	.002019	.001973	.001929	.001886	.001845	.001804	.001764	.001726
		.002378	.002324	.002271	.002219	.002168	.002120	.002072	.002025	.001980	.001936	.001894	.001852	.001812	.001772	.001734
6.0		.002382	.002327	.002275	.002223	.002173	.002125	.002077	.002031	.001986	.001943	.001900	.001859	.001819	.001779	.001741
		.002384	.002330	.002278	.002227	.002177	.002129	.002082	.002036	.001992	.001948	.001906	.001865	.001825	.001786	.001748
		.002385	.002332	.002280	.002230	.002181	.002133	.002086	.002041	.001997	.001953	.001911	.001871	.001831	.001792	.001754
		.002386	.002333	.002282	.002232	.002183	.002156	.002089	.002044	.002000	.001958	.001916	.001875	.001836	.001797	.001760
		.002386	.002333	.002283	.002233	.002185	.002138	.002092	.002047	.002004	.001961	.001920	.001880	.001840	.001802	.001764
6.5		.002384	.002333	.002283	.002234	.002186	.002139	.002094	.002050	.002006	.001964	.001923	.001883	.001844	.001806	.001769
		.002383	.002332	.002282	.002234	.002186	.002140	.002095	.002051	.002008	.001967	.001926	.001886	.001847	.001810	.001773
		.002380	.002330	.002281	.002233	.002186	.002140	.002096	.002052	.002010	.001968	.001928	.001889	.001850	.001813	.001776
		.002377	.002327	.002279	.002231	.002185	.002140	.002096	.002053	.002011	.001970	.001930	.001890	.001852	.001815	.001779
		.002373	.002324	.002276	.002229	.002183	.002139	.002095	.002052	.002011	.001970	.001931	.001892	.001854	.001817	.001781
7.0		.002369	.002320	.002273	.002227	.002181	.002137	.002094	.002052	.002010	.001970	.001931	.001893	.001855	.001818	.001783
		.002364	.002316	.002269	.002223	.002179	.002135	.002092	.002050	.002010	.001970	.001931	.001893	.001856	.001819	.001784
		.002358	.002311	.002265	.002219	.002175	.002132	.002090	.002049	.002008	.001969	.001930	.001893	.001856	.001820	.001785
		.002352	.002305	.002260	.002215	.002171	.002129	.002087	.002046	.002006	.001967	.001929	.001892	.001855	.001820	.001785
		.002345	.002299	.002254	.002210	.002167	.002125	.002084	.002043	.002004	.001965	.001928	.001891	.001855	.001819	.001785
7.5		.002338	.002293	.002248	.002205	.002162	.002121	.002080	.002040	.002001	.001963	.001926	.001889	.001853	.001818	.001784
		.002331	.002286	.002242	.002199	.002157	.002116	.002076	.002036	.001998	.001960	.001923	.001887	.001852	.001817	.001783
		.002322	.002278	.002235	.002193	.002151	.002111	.002071	.002032	.001994	.001957	.001920	.001884	.001849	.001815	.001782
		.002314	.002270	.002228	.002186	.002145	.002105	.002066	.002027	.001990	.001953	.001917	.001882	.001847	.001813	.001780
		.002305	.002262	.002220	.002179	.002139	.002099	.002060	.002022	.001985	.001949	.001913	.001878	.001844	.001811	.001778
8.0		.002296	.002253	.002212	.002171	.002132	.002093	.002054	.002017	.001980	.001944	.001909	.001875	.001841	.001808	.001775
		.002286	.002244	.002203	.002164	.002124	.002086	.002048	.002011	.001975	.001939	.001905	.001871	.001837	.001804	.001772
		.002276	.002235	.002195	.002155	.002117	.002079	.002042	.002005	.001969	.001934	.001900	.001866	.001833	.001801	.001769
		.002265	.002225	.002186	.002147	.002109	.002071	.002035	.001999	.001963	.001929	.001895	.001862	.001829	.001797	.001766
		.002255	.002215	.002176	.002138	.002100	.002063	.002027	.001992	.001957	.001923	.001889	.001857	.001824	.001793	.001762
8.5		.002244	.002205	.002166	.002129	.002092	.002055	.002020	.001985	.001950	.001917	.001884	.001851	.001819	.001788	.001757
		.002232	.002194	.002156	.002119	.002083	.002047	.002012	.001977	.001943	.001910	.001878	.001846	.001814	.001783	.001753
		.002221	.002183	.002146	.002109	.002074	.002038	.002004	.001970	.001936	.001904	.001871	.001840	.001809	.001778	.001748
		.002209	.002172	.002135	.002099	.002064	.002029	.001995	.001962	.001929	.001897	.001865	.001834	.001803	.001773	.001743
		.002197	.002161	.002125	.002089	.002054	.002020	.001987	.001954	.001921	.001889	.001858	.001827	.001797	.001767	.001738
9.0		.002185	.002149	.002114	.002079	.002044	.002011	.001978	.001945	.001913	.001882	.001851	.001821	.001791	.001761	.001733
		.002173	.002137	.002102	.002068	.002034	.002001	.001969	.001937	.001905	.001874	.001844	.001814	.001784	.001755	.001727
		.002160	.002125	.002091	.002057	.002024	.001991	.001959	.001928	.001897	.001866	.001836	.001807	.001778	.001749	.001721
		.002147	.002113	.002079	.002046	.002013	.001981	.001950	.001919	.001888	.001858	.001828	.001799	.001771	.001742	.001715
		.002134	.002101	.002067	.002035	.002003	.001971	.001940	.001909	.001879	.001850	.001820	.001792	.001764	.001736	.001708
9.5		.002121	.002088	.002056	.002023	.001992	.001961	.001930	.001900	.001870	.001841	.001812	.001784	.001756	.001729	.001702
		.002108	.002076	.002044	.002012	.001981	.001950	.001920	.001890	.001861	.001832	.001804	.001776	.001749	.001722	.001695
		.002095	.002063	.002031	.002000	.001970	.001940	.001910	.001881	.001852	.001824	.001796	.001768	.001741	.001714	.001688
		.002081	.002050	.002019	.001988	.001958	.001929	.001900	.001871	.001842	.001815	.001787	.001760	.001733	.001707	.001681
		.002068	.002037	.002007	.001977	.001947	.001918	.001889	.001861	.001833	.001805	.001778	.001752	.001725	.001699	.001674

A(r, z)

$r \backslash z$	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
-10.0	.000000	.099752	.199504	.299256	.399009	.498762	.598515	.698269	.798024	.897780	.997537	.906386	.830387	.766045	.710861
	.000000	.099747	.199494	.299241	.398989	.498737	.598485	.698235	.797985	.897735	.997487	.906332	.830328	.765981	.710793
	.000000	.099742	.199484	.299226	.398968	.498711	.598455	.698199	.797944	.897690	.997437	.906276	.830268	.765916	.710723
	.000000	.099736	.199473	.299210	.398947	.498685	.598423	.698162	.797902	.897642	.997384	.906219	.830205	.765849	.710651
	.000000	.099731	.199462	.299193	.398925	.498657	.598390	.698124	.797858	.897594	.997331	.906160	.830141	.765779	.710577
- 9.5	.000000	.099725	.199451	.299176	.398903	.498629	.598356	.698085	.797814	.897544	.997275	.906099	.830075	.765708	.710500
	.000000	.099719	.199439	.299159	.398879	.498600	.598322	.698044	.797767	.897492	.997218	.906036	.830007	.765634	.710421
	.000000	.099713	.199427	.299141	.398855	.498570	.598286	.698002	.797720	.897438	.997158	.905971	.829936	.765558	.710339
	.000000	.099707	.199415	.299122	.398831	.498539	.598249	.697959	.797671	.897383	.997097	.905904	.829863	.765480	.710255
	.000000	.099701	.199402	.299103	.398805	.498507	.598211	.697915	.797620	.897326	.997034	.905835	.829788	.765399	.710169
- 9.0	.000000	.099694	.199389	.299083	.398779	.498474	.598171	.697869	.797568	.897268	.996969	.905764	.829711	.765315	.710079
	.000000	.099687	.199375	.299063	.398751	.498440	.598130	.697821	.797513	.897207	.996902	.905690	.829631	.765229	.709986
	.000000	.099680	.199361	.299042	.398723	.498405	.598088	.697772	.797458	.897144	.996833	.905614	.829548	.765140	.709891
	.000000	.099673	.199346	.299020	.398694	.498369	.598044	.697721	.797400	.897079	.996761	.905535	.829463	.765047	.709792
	.000000	.099665	.199331	.298997	.398664	.498331	.597999	.697669	.797340	.897012	.996686	.905454	.829374	.764952	.709690
- 8.5	.000000	.099658	.199315	.298974	.398632	.498292	.597953	.697615	.797278	.896943	.996610	.905369	.829283	.764854	.709584
	.000000	.099649	.199299	.298949	.398600	.498252	.597904	.697558	.797214	.896871	.996530	.905282	.829188	.764752	.709475
	.000000	.099641	.199282	.298924	.398566	.498210	.597854	.697500	.797147	.896797	.996448	.905192	.829090	.764646	.709362
	.000000	.099632	.199265	.298898	.398532	.498166	.597802	.697440	.797079	.896719	.996362	.905099	.828989	.764537	.709245
	.000000	.099623	.199247	.298871	.398496	.498122	.597749	.697377	.797007	.896640	.996274	.905002	.828884	.764423	.709124
- 8.0	.000000	.099614	.199228	.298843	.398458	.498075	.597693	.697312	.796934	.896557	.996182	.904902	.828775	.764306	.708998
	.000000	.099604	.199209	.298814	.398420	.498027	.597635	.697245	.796857	.896471	.996087	.904798	.828662	.764185	.708868
	.000000	.099594	.199189	.298784	.398379	.497976	.597575	.697175	.796777	.896382	.995889	.904690	.828545	.764058	.708733
	.000000	.099584	.199168	.298752	.398338	.497924	.597513	.697103	.796695	.896289	.995887	.904578	.828423	.763928	.708593
	.000000	.099573	.199146	.298720	.398294	.497870	.597448	.697027	.796609	.896193	.995780	.904461	.828297	.763792	.708448
- 7.5	.000000	.099561	.199123	.298686	.398249	.497814	.597381	.696949	.796520	.896093	.995670	.904341	.828166	.763651	.708297
	.000000	.099550	.199100	.298650	.398202	.497756	.597311	.696868	.796427	.895990	.995555	.904215	.828030	.763504	.708140
	.000000	.099537	.199075	.298614	.398154	.497695	.597238	.696783	.796331	.895882	.995436	.904085	.827888	.763352	.707977
	.000000	.099525	.199050	.298576	.398103	.497631	.597162	.696695	.796231	.895769	.995312	.903949	.827741	.763193	.707808
	.000000	.099511	.199023	.298536	.398050	.497565	.597083	.696603	.796126	.895652	.995182	.903807	.827588	.763028	.707631
- 7.0	.000000	.099498	.198996	.298494	.397995	.497497	.597001	.696508	.796017	.895531	.995048	.903660	.827428	.762857	.707448
	.000000	.099483	.198967	.298451	.397937	.497425	.596915	.696408	.795904	.895404	.994908	.903507	.827262	.762678	.707257
	.000000	.099468	.198937	.298406	.397877	.497350	.596826	.696304	.795786	.895271	.994761	.903347	.827089	.762492	.707058
	.000000	.099452	.198905	.298359	.397814	.497272	.596732	.696195	.795662	.895133	.994609	.903180	.826908	.762298	.706850
	.000000	.099436	.198872	.298310	.397749	.497190	.596635	.696082	.795533	.894989	.994449	.903006	.826720	.762095	.706634
- 6.5	.000000	.099419	.198838	.298258	.397681	.497105	.596533	.695964	.795399	.894838	.994283	.902824	.826523	.761883	.706408
	.000000	.099401	.198802	.298205	.397609	.497016	.596426	.695840	.795258	.894681	.994109	.902635	.826318	.761663	.706172
	.000000	.099382	.198764	.298148	.397534	.496923	.596315	.695710	.795111	.894516	.993927	.902436	.826103	.761432	.705926
	.000000	.099362	.198725	.298089	.397456	.496825	.596198	.695575	.794957	.894344	.993737	.902228	.825878	.761190	.705669
	.000000	.099342	.198684	.298028	.397374	.496723	.596075	.695433	.794795	.894163	.993538	.902011	.825643	.760938	.705399
- 6.0	.000000	.099320	.198640	.297963	.397287	.496615	.595947	.695284	.794626	.893974	.993329	.901783	.825396	.760673	.705117
	.000000	.099297	.198595	.297895	.397197	.496503	.595812	.695127	.794448	.893776	.993110	.901544	.825138	.760396	.704822
	.000000	.099273	.198547	.297823	.397102	.496384	.595671	.694963	.794262	.893567	.992881	.901294	.824867	.760106	.704512
	.000000	.099248	.198497	.297748	.397002	.496260	.595522	.694791	.794066	.893348	.992639	.901031	.824583	.759801	.704188
	.000000	.099222	.198444	.297669	.396897	.496129	.595366	.694609	.793860	.893118	.992386	.900754	.824284	.759481	.703847
- 5.5	.000000	.099194	.198389	.297586	.396786	.495991	.595201	.694418	.793643	.892876	.992119	.900464	.823970	.759144	.703489
	.000000	.099164	.198330	.297498	.396669	.495846	.595028	.694217	.793415	.892622	.991839	.900158	.823640	.758791	.703112
	.000000	.099133	.198268	.297405	.396546	.495692	.594845	.694005	.793174	.892353	.991543	.899836	.823293	.758418	.702716
	.000000	.099101	.198203	.297307	.396416	.495531	.594652	.693781	.792920	.892070	.991231	.899496	.822926	.758026	.702300
	.000000	.099066	.198133	.297204	.396279	.495360	.594448	.693545	.792652	.891771	.990902	.899138	.822540	.757613	.701860

		A(r,z)															
r	z	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	
-10.0		.663005	.621103	.584105	.551193	.521723	.495179	.471143	.449274	.429289	.410953	.394069	.378469	.364011	.350572	.338049	
		.662933	.621026	.584023	.551107	.521633	.495085	.471045	.449171	.429182	.410842	.393954	.378351	.363889	.350447	.337921	
		.662858	.620947	.583939	.551019	.521540	.494987	.470943	.449066	.429073	.410729	.393837	.378229	.363764	.350319	.337788	
		.662781	.620865	.583853	.550928	.521445	.494887	.470839	.448957	.428960	.410612	.393716	.378104	.363635	.350186	.337652	
		.662702	.620781	.583764	.550834	.521346	.494784	.470731	.448845	.428844	.410492	.393591	.377976	.363503	.350050	.337512	
- 9.5		.662620	.620694	.583672	.550737	.521245	.494678	.470621	.448730	.428724	.410368	.393463	.377844	.363367	.349910	.337369	
		.662536	.620605	.583578	.550638	.521140	.494569	.470507	.448611	.428601	.410240	.393331	.377708	.363226	.349766	.337220	
		.662449	.620512	.583480	.550535	.521033	.494456	.470389	.448489	.428474	.410109	.393195	.377567	.363082	.349617	.337068	
		.662359	.620417	.583380	.550429	.520922	.494340	.470268	.448363	.428343	.409973	.393055	.377423	.362933	.349464	.336911	
		.662266	.620319	.583276	.550320	.520807	.494221	.470143	.448233	.428208	.409833	.392911	.377274	.362780	.349307	.336749	
- 9.0		.662171	.620218	.583169	.550208	.520689	.494097	.470014	.448099	.428069	.409690	.392762	.377121	.362622	.349145	.336583	
		.662072	.620113	.583058	.550091	.520567	.493969	.469881	.447961	.427926	.409541	.392609	.376963	.362459	.348977	.336411	
		.661970	.620005	.582944	.549971	.520441	.493838	.469744	.447818	.427778	.409388	.392451	.376800	.362292	.348805	.336235	
		.661865	.619893	.582826	.549847	.520311	.493702	.469602	.447671	.427625	.409230	.392288	.376631	.362119	.348627	.336052	
		.661756	.619778	.582704	.549719	.520177	.493562	.469456	.447519	.427468	.409067	.392119	.376458	.361940	.348444	.335864	
- 8.5		.661644	.619659	.582579	.549586	.520038	.493416	.469305	.447362	.427305	.408898	.391945	.376279	.361756	.348255	.335670	
		.661528	.619535	.582448	.549450	.519894	.493267	.469149	.447200	.427136	.408724	.391766	.376094	.361566	.348059	.335470	
		.661407	.619408	.582314	.549308	.519746	.493111	.468987	.447032	.426963	.408545	.391580	.375903	.361369	.347858	.335264	
		.661282	.619276	.582174	.549161	.519592	.492951	.468820	.446858	.426783	.408359	.391389	.375705	.361166	.347650	.335050	
		.661153	.619139	.582030	.549010	.519433	.492785	.468648	.446679	.426597	.408167	.391191	.375501	.360957	.347435	.334830	
- 8.0		.661020	.618997	.581880	.548852	.519269	.492613	.468469	.446493	.426405	.407968	.390986	.375291	.360740	.347213	.334603	
		.660881	.618850	.581725	.548690	.519098	.492436	.468284	.446301	.426206	.407763	.390774	.375073	.360516	.346983	.334368	
		.660737	.618698	.581565	.548521	.518922	.492251	.468092	.446102	.426000	.407550	.390555	.374847	.360285	.346746	.334125	
		.660588	.618540	.581399	.548346	.518739	.492060	.467893	.445896	.425787	.407330	.390328	.374614	.360045	.346500	.333874	
		.660434	.618375	.581226	.548165	.518549	.491863	.467688	.445683	.425566	.407102	.390093	.374372	.359797	.346246	.333614	
- 7.5		.660273	.618206	.581047	.547977	.518352	.491657	.467474	.445461	.425337	.406865	.389849	.374122	.359540	.345983	.333345	
		.660106	.618030	.580861	.547782	.518148	.491444	.467253	.445232	.425099	.406620	.389597	.373863	.359274	.345711	.333066	
		.659933	.617847	.580667	.547579	.517936	.491223	.467023	.444994	.424853	.406366	.389336	.373594	.358999	.345429	.332778	
		.659753	.617656	.580467	.547368	.517716	.490994	.466785	.444747	.424598	.406103	.389064	.373315	.358714	.345137	.332480	
		.659566	.617458	.580258	.547149	.517487	.490755	.466537	.444490	.424333	.405829	.388783	.373027	.358418	.344834	.332171	
- 7.0		.659371	.617252	.580041	.546922	.517249	.490508	.466280	.444223	.424057	.405546	.388491	.372727	.358111	.344520	.331850	
		.659168	.617037	.579815	.546685	.517002	.490250	.466012	.443946	.423771	.405251	.388188	.372416	.357792	.344194	.331518	
		.658956	.616814	.579580	.546438	.516744	.489982	.465734	.443659	.423474	.404945	.387873	.372093	.357462	.343857	.331173	
		.658736	.616581	.579335	.546182	.516476	.489703	.465444	.443359	.423165	.404626	.387546	.371758	.357118	.343506	.330815	
		.658506	.616338	.579080	.545914	.516197	.489412	.465143	.443047	.422843	.404295	.387206	.371409	.356762	.343142	.330444	
- 6.5		.658266	.616085	.578813	.545635	.515906	.489110	.464829	.442723	.422508	.403951	.386853	.371047	.356391	.342764	.330059	
		.658016	.615821	.578536	.545344	.515603	.488794	.464502	.442385	.422160	.403592	.386485	.370670	.356006	.342370	.329658	
		.657755	.615545	.578246	.545041	.515286	.488465	.464161	.442032	.421797	.403219	.386102	.370278	.355605	.341962	.329242	
		.657482	.615256	.577943	.544724	.514956	.488122	.463806	.441665	.421418	.402830	.385703	.369870	.355188	.341537	.328810	
		.657196	.614955	.577626	.544393	.514611	.487764	.463435	.441282	.421024	.402425	.385287	.369445	.354755	.341095	.328360	
- 6.0		.656897	.614640	.577295	.544047	.514250	.487389	.463047	.440882	.420612	.402002	.384854	.369002	.354303	.340634	.327892	
		.656584	.614310	.576949	.543685	.513873	.486998	.462642	.440465	.420182	.401561	.384403	.368540	.353832	.340155	.327404	
		.656256	.613964	.576586	.543306	.513479	.486589	.462219	.440028	.419734	.401101	.383931	.368059	.353341	.339655	.326897	
		.655912	.613602	.576206	.542909	.513066	.486161	.461777	.439572	.419265	.400620	.383439	.367557	.352829	.339135	.326368	
		.655551	.613222	.575808	.542493	.512633	.485713	.461314	.439095	.418775	.400117	.382925	.367032	.352295	.338592	.325818	
- 5.5		.655172	.612823	.575390	.542057	.512180	.485243	.460829	.438596	.418262	.399592	.382389	.366485	.351738	.338026	.325243	
		.654774	.612404	.574951	.541600	.511705	.484751	.460321	.438073	.417725	.399042	.381827	.365912	.351156	.337435	.324644	
		.654356	.611964	.574490	.541119	.511206	.484234	.459788	.437525	.417163	.398467	.381240	.365314	.350547	.336818	.324019	
		.653915	.611501	.574006	.540614	.510682	.483692	.459229	.436950	.416574	.397865	.380625	.364689	.349912	.336173	.323366	
		.653451	.611013	.573496	.540083	.510131	.483123	.458642	.436347	.415956	.397234	.379982	.364034	.349247	.335499	.322685	

		A(r,z)															
z	r	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	
-10.0		.326349	.315394	.305113	.295446	.286338	.277743	.269617	.261923	.254627	.247699	.241111	.234839	.228860	.223154	.217702	
		.326217	.315259	.304975	.295304	.286194	.277595	.269467	.261770	.254472	.247541	.240951	.234676	.228695	.222986	.217533	
		.326082	.315120	.304832	.295159	.286045	.277444	.269313	.261613	.254312	.247379	.240786	.234509	.228525	.222815	.217360	
		.325942	.314977	.304686	.295009	.285893	.277289	.269154	.261452	.254148	.247212	.240617	.234338	.228352	.222639	.217182	
		.325799	.314830	.304536	.294856	.285736	.277129	.268991	.261286	.253980	.247041	.240443	.234162	.228173	.222459	.216999	
- 9.5		.325651	.314679	.304381	.294698	.285575	.276964	.268824	.261116	.253807	.246866	.240265	.233981	.227991	.222274	.216812	
		.325499	.314523	.304222	.294535	.285409	.276796	.268652	.260941	.253629	.246685	.240082	.233796	.227803	.222084	.216620	
		.325343	.314363	.304058	.294368	.285239	.276622	.268475	.260762	.253447	.246500	.239894	.233605	.227610	.221889	.216423	
		.325182	.314198	.303890	.294196	.285063	.276443	.268294	.260577	.253259	.246310	.239701	.233409	.227412	.221688	.216220	
		.325017	.314029	.303717	.294020	.284883	.276260	.268107	.260387	.253066	.246114	.239503	.233208	.227208	.221483	.216012	
- 9.0		.324846	.313854	.303538	.293837	.284697	.276071	.267914	.260191	.252868	.245912	.239299	.233002	.226999	.221271	.215799	
		.324670	.313674	.303355	.293650	.284506	.275876	.267717	.259990	.252664	.245706	.239089	.232790	.226785	.221054	.215579	
		.324489	.313489	.303166	.293457	.284310	.275676	.267513	.259784	.252454	.245493	.238874	.232571	.226564	.220831	.215354	
		.324302	.313298	.302971	.293258	.284107	.275470	.267303	.259571	.252238	.245274	.238652	.232347	.226337	.220602	.215123	
		.324110	.313102	.302770	.293053	.283898	.275257	.267088	.259352	.252015	.245048	.238424	.232116	.226104	.220366	.214885	
- 8.5		.323911	.312899	.302562	.292842	.283683	.275038	.266865	.259126	.251786	.244817	.238189	.231879	.225864	.220124	.214640	
		.323707	.312689	.302349	.292624	.283461	.274813	.266636	.258893	.251551	.244578	.237947	.231635	.225617	.219875	.214389	
		.323495	.312473	.302129	.292400	.283233	.274581	.266400	.258654	.251308	.244332	.237699	.231383	.225363	.219618	.214130	
		.323277	.312251	.301901	.292168	.282997	.274341	.266157	.258407	.251058	.244079	.237443	.231124	.225102	.219355	.213865	
		.323052	.312021	.301667	.291929	.282754	.274094	.265906	.258153	.250801	.243818	.237179	.230858	.224833	.219083	.213591	
- 8.0		.322819	.311783	.301425	.291683	.282504	.273839	.265648	.257891	.250535	.243550	.236908	.230584	.224556	.218804	.213310	
		.322579	.311538	.301175	.291428	.282245	.273577	.265381	.257621	.250261	.243273	.236628	.230301	.224271	.218517	.213020	
		.322331	.311285	.300917	.291165	.281978	.273305	.265106	.257342	.249979	.242988	.236339	.230010	.223977	.218221	.212722	
		.322074	.311023	.300650	.290894	.281702	.273025	.264822	.257054	.249688	.242693	.236042	.229710	.223675	.217916	.212415	
		.321809	.310752	.300374	.290614	.281417	.272736	.264529	.256758	.249388	.242390	.235736	.229401	.223363	.217602	.212100	
- 7.5		.321534	.310472	.300089	.290324	.281123	.272438	.264226	.256451	.249078	.242077	.235420	.229083	.223042	.217279	.211774	
		.321250	.310183	.299794	.290024	.280818	.272129	.263914	.256135	.248759	.241754	.235094	.228754	.222711	.216946	.211439	
		.320956	.309883	.299489	.289714	.280504	.271810	.263591	.255808	.248429	.241421	.234758	.228415	.222370	.216603	.211094	
		.320652	.309573	.299174	.289394	.280179	.271481	.263257	.255471	.248088	.241077	.234411	.228066	.222018	.216249	.210738	
		.320336	.309252	.298847	.289062	.279842	.271140	.262913	.255122	.247736	.240722	.234053	.227705	.221656	.215884	.210372	
- 7.0		.320010	.308919	.298509	.288719	.279494	.270788	.262556	.254762	.247372	.240355	.233683	.227333	.221281	.215508	.209994	
		.319671	.308575	.298159	.288364	.279134	.270423	.262187	.254390	.246996	.239976	.233302	.226949	.220895	.215119	.209604	
		.319320	.308217	.297796	.287996	.278761	.270046	.261806	.254005	.246608	.239584	.232907	.226552	.220496	.214719	.209202	
		.318956	.307847	.297420	.287614	.278375	.269655	.261411	.253606	.246206	.239180	.232500	.226143	.220085	.214306	.208788	
		.318578	.307463	.297031	.287219	.277975	.269250	.261003	.253194	.245790	.238761	.232079	.225720	.219660	.213879	.208360	
- 6.5		.318186	.307065	.296626	.286810	.277561	.268831	.260580	.252767	.245360	.238329	.231644	.225282	.219221	.213439	.207919	
		.317778	.306651	.296207	.286385	.277131	.268397	.260142	.252326	.244916	.237881	.231194	.224831	.218768	.212985	.207463	
		.317355	.306221	.295771	.285944	.276685	.267947	.259688	.251868	.244455	.237418	.230729	.224364	.218299	.212515	.206993	
		.316916	.305775	.295320	.285487	.276223	.267481	.259217	.251395	.243979	.236939	.230248	.223881	.217815	.212030	.206508	
		.316459	.305312	.294850	.285012	.275744	.266997	.258730	.250904	.243485	.236443	.229750	.223382	.217315	.211530	.206007	
- 6.0		.315983	.304830	.294363	.284519	.275246	.266495	.258224	.250395	.242974	.235930	.229235	.222866	.216798	.211012	.205489	
		.315489	.304329	.293856	.284007	.274729	.265974	.257700	.249868	.242444	.235398	.228702	.222331	.216263	.210477	.204954	
		.314974	.303808	.293329	.283475	.274193	.265434	.257156	.249321	.241895	.234848	.228150	.221779	.215710	.209924	.204402	
		.314439	.303266	.292781	.282922	.273635	.264873	.256592	.248754	.241326	.234277	.227579	.221207	.215138	.209353	.203831	
		.313881	.302701	.292211	.282347	.273056	.264290	.256006	.248166	.240736	.233686	.226987	.220615	.214546	.208762	.203242	
- 5.5		.313299	.302114	.291617	.281748	.272453	.263684	.255397	.247555	.240124	.233073	.226374	.220002	.213934	.208150	.202632	
		.312693	.301501	.290999	.281126	.271827	.263054	.254765	.246921	.239489	.232437	.225738	.219367	.213300	.207518	.202002	
		.312061	.300863	.290356	.280478	.271175	.262400	.254108	.246263	.238830	.231778	.225079	.218709	.212644	.206864	.201350	
		.311401	.300197	.289685	.279803	.270497	.261719	.253426	.245580	.238146	.231095	.224397	.218028	.211965	.206187	.200676	
		.310713	.299503	.288986	.279100	.269791	.261011	.252717	.244870	.237436	.230385	.223689	.217322	.211261	.205487	.199979

A(r, z)															
r	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
z															
-10.0	.212489 .212318 .212142 .211962 .211778	.207498 .207325 .207148 .206966 .206779	.202715 .202541 .202362 .202178 .201990	.198129 .197952 .197772 .197586 .197397	.193726 .193548 .193366 .193179 .192987	.189496 .189317 .189133 .188945 .188752	.185429 .185249 .185063 .184874 .184679	.181517 .181334 .181148 .180957 .180761	.177749 .177565 .177378 .177186 .176989	.174116 .173934 .173745 .173552 .173354	.170618 .170433 .170243 .170048 .169849	.167241 .167054 .166863 .166668 .166468	.163981 .163793 .163601 .163405 .163204	.160831 .160643 .160450 .160253 .160051	.157787 .157598 .157404 .157207 .157004
- 9.5	.211589 .211394 .211195 .210991 .210781	.206588 .206392 .206191 .205985 .205773	.201797 .201599 .201396 .201188 .200974	.197202 .197002 .196798 .196588 .196372	.192791 .192590 .192384 .192172 .191955	.188554 .188351 .188144 .187931 .187712	.184480 .184276 .184067 .183853 .183633	.180561 .180356 .180145 .179930 .179709	.176787 .176581 .176369 .176152 .175930	.173151 .172943 .172731 .172513 .172290	.169645 .169437 .169223 .169005 .168780	.166263 .166054 .165839 .165620 .165395	.162999 .162788 .162573 .162353 .162127	.159845 .159634 .159418 .159197 .158971	.156797 .156586 .156369 .156147 .155921
- 9.0	.210565 .210344 .210116 .209883 .209643	.205555 .205332 .205103 .204867 .204625	.200755 .200530 .200299 .200062 .199818	.196151 .195925 .195692 .195453 .195208	.191733 .191505 .191270 .191030 .190783	.187488 .187259 .187023 .182940 .186781 .186533	.183408 .183177 .182940 .182697 .182448	.179482 .179250 .179012 .175230 .178768 .178517	.175703 .175469 .175230 .171587 .174985 .174734	.172061 .171827 .171587 .171587 .171341 .171089	.168551 .168316 .168075 .168075 .167828 .167575	.165165 .164929 .164687 .164687 .164440 .164186	.161896 .161660 .161417 .161417 .161169 .160915	.158739 .158502 .158259 .158259 .158011 .157756	.155689 .155451 .155208 .154959 .154704
- 8.5	.209396 .209143 .208883 .208615 .208339	.204377 .204122 .203859 .203590 .203312	.199568 .199311 .199047 .198775 .198496	.194956 .194697 .194432 .194159 .193878	.190530 .190270 .190003 .189728 .189447	.186278 .186017 .185749 .185473 .185190	.182192 .181929 .181660 .181383 .181099	.178260 .177997 .177726 .177449 .177164	.174476 .174211 .173940 .173662 .173376	.170830 .170565 .170293 .170014 .169728	.167316 .167050 .166777 .166498 .166211	.163926 .163660 .163387 .163107 .162820	.160655 .160388 .160114 .159834 .159547	.157495 .157228 .156955 .156674 .156387	.154443 .154176 .153902 .153622 .153335
- 8.0	.208056 .207764 .207464 .207156 .206838	.203027 .202734 .202432 .202122 .201803	.198210 .197915 .197612 .197300 .196979	.193590 .193294 .192989 .192676 .192354	.189157 .188860 .188554 .188240 .187917	.184900 .184601 .184295 .183979 .183656	.180808 .180508 .180201 .179885 .179560	.176872 .176571 .176263 .175947 .175622	.173083 .172782 .172474 .172157 .171831	.169434 .169133 .168824 .168507 .168181	.165917 .165616 .165306 .164989 .164664	.162526 .162224 .161915 .161597 .161272	.159253 .158951 .158642 .158325 .157999	.156093 .155791 .155482 .155165 .154840	.153040 .152739 .152430 .152113 .151789
- 7.5	.206511 .206174 .205827 .205470 .205102	.201474 .201136 .200787 .200429 .200059	.196649 .196309 .195960 .195600 .195230	.192023 .191683 .191332 .190971 .190600	.187585 .187243 .186892 .186531 .186159	.183323 .182980 .182629 .182267 .181895	.179227 .178884 .178532 .178170 .177798	.175288 .174945 .174592 .174230 .173858	.171497 .171154 .170802 .170440 .170068	.167847 .167504 .167151 .166790 .166418	.164329 .163986 .163634 .163273 .162902	.160938 .160595 .160244 .159883 .159513	.157666 .157324 .156973 .156613 .156243	.154507 .154166 .153816 .153456 .153088	.151457 .151116 .150767 .150408 .150041
- 7.0	.204723 .204332 .203928 .203513 .203084	.199679 .199287 .198883 .198467 .198037	.194848 .194456 .194051 .193634 .193205	.190218 .189825 .189420 .189003 .188573	.185776 .185383 .184978 .184561 .184131	.181512 .181118 .180713 .180296 .179867	.177415 .177021 .176617 .176200 .175772	.173476 .173082 .172678 .172262 .171835	.169685 .169293 .168889 .168474 .168048	.166037 .165645 .165242 .164828 .164403	.162521 .162130 .161728 .161316 .160892	.159133 .158743 .158342 .157931 .157509	.155864 .155476 .155077 .154667 .154247	.152710 .152323 .151925 .151518 .151099	.149665 .149279 .148883 .148477 .148061
- 6.5	.202642 .202186 .201716 .201230 .200729	.197595 .197139 .196668 .196183 .195682	.192762 .192306 .191836 .191351 .190851	.188131 .187675 .187205 .186721 .186222	.183689 .183234 .182765 .182282 .181784	.179426 .178972 .178504 .178022 .177526	.175331 .174878 .174411 .173931 .173437	.171395 .170943 .170478 .170000 .169507	.167610 .167159 .166696 .166219 .165729	.163966 .163517 .163056 .162582 .162094	.160457 .160010 .159551 .159079 .158594	.157076 .156631 .156174 .155704 .155222	.153815 .153373 .152918 .152451 .151972	.150670 .150230 .149778 .149314 .148838	.147634 .147196 .146747 .146286 .145813
- 6.0	.200212 .199678 .199127 .198557 .197969	.195166 .194633 .194082 .193514 .192928	.190335 .189803 .189255 .188689 .188105	.185708 .185178 .184631 .184067 .183486	.181271 .180743 .180199 .179637 .179059	.177015 .176489 .175947 .175388 .174813	.172928 .172404 .171865 .171310 .170738	.169001 .168480 .167944 .167392 .166824	.165225 .164707 .164174 .163626 .163062	.161593 .161078 .160548 .160003 .159443	.158096 .157584 .157058 .156517 .155961	.154727 .154219 .153696 .153160 .152609	.151481 .150976 .150457 .149925 .149378	.148350 .147848 .147334 .146806 .146264	.145329 .144831 .144321 .143798 .143261
- 5.5	.197361 .196733 .196084 .195414 .194721	.192323 .191698 .191052 .190385 .189696	.187502 .186880 .186238 .185576 .184891	.182886 .182268 .181630 .180972 .180292	.178463 .177848 .177214 .176561 .175887	.174221 .173610 .172981 .172332 .171664	.170149 .169543 .168918 .168275 .167613	.166239 .165637 .165018 .164380 .163724	.162481 .161884 .161270 .160638 .159988	.158868 .158276 .157667 .157041 .156397	.155390 .154803 .154200 .153580 .152943	.152042 .151461 .150863 .150250 .149619	.148817 .148241 .147649 .147042 .146418	.145708 .145138 .144552 .143951 .143334	.142710 .142145 .141565 .140971 .140361

		A(r,z)														
r	z	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
-10.0		.154843	.151995	.149237	.146566	.143978	.141469	.139036	.136674	.134382	.132156	.129993	.127892	.125848	.123861	.121928
		.154653	.151804	.149046	.146375	.143786	.141277	.138843	.136481	.134189	.131963	.129800	.127698	.125655	.123668	.121735
		.154459	.151609	.148851	.146179	.143590	.141080	.138646	.136284	.133992	.131766	.129603	.127501	.125458	.123471	.121538
		.154261	.151410	.148651	.145979	.143390	.140880	.138445	.136083	.133791	.131564	.129402	.127300	.125257	.123270	.121337
		.154058	.151207	.148447	.145775	.143185	.140675	.138240	.135878	.133585	.131359	.129196	.127095	.125052	.123065	.121133
- 9.5		.153850	.150999	.148239	.145566	.142976	.140465	.138031	.135668	.133376	.131149	.128987	.126886	.124843	.122856	.120924
		.153638	.150786	.148026	.145352	.142762	.140251	.137817	.135454	.133162	.130935	.128773	.126672	.124629	.122643	.120711
		.153421	.150569	.147808	.145134	.142544	.140033	.137598	.135236	.132943	.130717	.128555	.126454	.124411	.122426	.120494
		.153199	.150346	.147585	.144911	.142320	.139809	.137375	.135012	.132720	.130494	.128332	.126231	.124189	.122204	.120273
		.152972	.150118	.147357	.144683	.142092	.139581	.137146	.134784	.132492	.130266	.128104	.126004	.123962	.121978	.120047
- 9.0		.152739	.149886	.147124	.144450	.141859	.139348	.136913	.134551	.132259	.130033	.127872	.125772	.123731	.121747	.119817
		.152501	.149647	.146886	.144211	.141620	.139109	.136675	.134313	.132021	.129796	.127635	.125535	.123495	.121511	.119582
		.152258	.149404	.146642	.143967	.141377	.138866	.136431	.134070	.131778	.129553	.127393	.125294	.123254	.121271	.119342
		.152008	.149154	.146392	.143718	.141127	.138616	.136182	.133821	.131530	.129305	.127146	.125047	.123008	.121025	.119097
		.151753	.148899	.146137	.143463	.140872	.138362	.135928	.133567	.131276	.129052	.126893	.124795	.122757	.120775	.118848
- 8.5		.151492	.148638	.145876	.143202	.140611	.138101	.135668	.133307	.131017	.128794	.126635	.124538	.122501	.120520	.118593
		.151225	.148371	.145609	.142935	.140345	.137835	.135402	.133042	.130752	.128530	.126372	.124276	.122239	.120259	.118334
		.150951	.148097	.145335	.142661	.140072	.137562	.135130	.132771	.130482	.128260	.126103	.124008	.121972	.119993	.118069
		.150671	.147817	.145055	.142382	.139793	.137284	.134852	.132493	.130205	.127985	.125828	.123734	.121699	.119721	.117798
		.150384	.147530	.144769	.142096	.139507	.136999	.134568	.132210	.129923	.127703	.125548	.123455	.121421	.119444	.117523
- 8.0		.150090	.147236	.144476	.141803	.139215	.136708	.134277	.131920	.129634	.127415	.125261	.123169	.121137	.119161	.117241
		.149789	.146936	.144175	.141504	.138916	.136410	.133980	.131624	.129339	.127121	.124969	.122878	.120847	.118873	.116954
		.149480	.146628	.143868	.141197	.138611	.136105	.133676	.131322	.129038	.126821	.124670	.122580	.120550	.118578	.116661
		.149164	.146312	.143554	.140883	.138298	.135793	.133366	.131012	.128729	.126514	.124364	.122276	.120248	.118277	.116361
		.148840	.145989	.143231	.140562	.137978	.135474	.133048	.130696	.128414	.126201	.124052	.121966	.119939	.117970	.116056
- 7.5		.148509	.145658	.142901	.140233	.137650	.135148	.132723	.130372	.128092	.125880	.123733	.121649	.119624	.117657	.115745
		.148169	.145320	.142564	.139897	.137315	.134814	.132390	.130041	.127763	.125553	.123408	.121325	.119302	.117337	.115427
		.147820	.144972	.142218	.139552	.136972	.134472	.132050	.129703	.127426	.125218	.123075	.120994	.118973	.117010	.115102
		.147463	.144617	.141863	.139199	.136620	.134123	.131703	.129357	.127082	.124876	.122735	.120656	.118638	.116677	.114771
		.147098	.144252	.141500	.138838	.136261	.133765	.131347	.129003	.126731	.124527	.122388	.120311	.118295	.116337	.114433
- 7.0		.146723	.143879	.141129	.138468	.135893	.133399	.130983	.128641	.126371	.124169	.122033	.119959	.117945	.115989	.114088
		.146338	.143496	.140748	.138089	.135516	.133024	.130611	.128271	.126004	.123804	.121670	.119599	.117588	.115634	.113737
		.145944	.143104	.140358	.137701	.135130	.132641	.130230	.127893	.125628	.123431	.121300	.119231	.117223	.115272	.113377
		.145540	.142702	.139958	.137304	.134736	.132249	.129840	.127506	.125244	.123050	.120921	.118856	.116850	.114903	.113011
		.145126	.142291	.139549	.136897	.134331	.131847	.129441	.127110	.124851	.122660	.120535	.118472	.116470	.114526	.112637
- 6.5		.144702	.141868	.139130	.136481	.133918	.131436	.129034	.126706	.124449	.122262	.120139	.118080	.116082	.114141	.112255
		.144266	.141436	.138700	.136054	.133494	.131016	.128616	.126292	.124039	.121854	.119736	.117680	.115685	.113748	.111866
		.143820	.140993	.138260	.135617	.133060	.130586	.128190	.125868	.123619	.121438	.119323	.117271	.115280	.113347	.111469
		.143362	.140538	.137809	.135169	.132616	.130145	.127753	.125435	.123190	.121013	.118902	.116854	.114867	.112937	.111063
		.142893	.140073	.137347	.134711	.132162	.129695	.127306	.124993	.122751	.120578	.118472	.116428	.114445	.112519	.110650
- 6.0		.142412	.139595	.136873	.134242	.131696	.129233	.126849	.124540	.122303	.120134	.118032	.115993	.114014	.112093	.110228
		.141919	.139106	.136388	.133761	.131220	.128761	.126382	.124077	.121844	.119681	.117583	.115548	.113574	.111658	.109797
		.141413	.138605	.135891	.133268	.130732	.128278	.125903	.123604	.121376	.119217	.117124	.115094	.113125	.111214	.109358
		.140894	.138091	.135382	.132764	.130233	.127784	.125414	.123119	.120897	.118743	.116655	.114631	.112667	.110761	.108911
		.140362	.137564	.134860	.132248	.129722	.127278	.124914	.122624	.120407	.118259	.116177	.114158	.112199	.110299	.108454
- 5.5		.139817	.137024	.134326	.131719	.129199	.126761	.124402	.122118	.119907	.117764	.115688	.113675	.111722	.109827	.107988
		.139258	.136470	.133778	.131177	.128663	.126231	.123878	.121601	.119396	.117259	.115189	.113181	.111235	.109346	.107513
		.138684	.135903	.133218	.130623	.128115	.125689	.123343	.121072	.118873	.116743	.114679	.112678	.110738	.108855	.107028
		.138096	.135322	.132643	.130055	.127554	.125135	.122796	.120531	.118339	.116216	.114159	.112164	.110231	.108355	.106535
		.137494	.134726	.132055	.129474	.126980	.124568	.122236	.119979	.117794	.115678	.113627	.111640	.109714	.107845	.106031

		A(r,z)														
r	z	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
-10.0		.120046 .119853 .119657 .119456 .119252	.118214 .118021 .117825 .117625 .117421	.116430 .116238 .116042 .115842 .115638	.114692 .114500 .114304 .114105 .113902	.112999 .112807 .112612 .112413 .112210	.111348 .111156 .110962 .110763 .110561	.109738 .109547 .109353 .109155 .108953	.108169 .107978 .107784 .107587 .107386	.106637 .106447 .106254 .106057 .105857	.105143 .104953 .104761 .104564 .104365	.103684 .103496 .103303 .103108 .102909	.102260 .102072 .101881 .101686 .101487	.100870 .100682 .100491 .100297 .100100	.099512 .099325 .099134 .098941 .098744	.098185 .097998 .097809 .097616 .097420
- 9.5		.119044 .118831 .118614 .118394 .118168	.117213 .117001 .116785 .116565 .116340	.115431 .115219 .115004 .114784 .114560	.113695 .113484 .113269 .113050 .112827	.112003 .111793 .111579 .111360 .111138	.110355 .110145 .109932 .109714 .109492	.108748 .108539 .108326 .108109 .107888	.107181 .106973 .106761 .106544 .106324	.105653 .105445 .105234 .105018 .104799	.104161 .103955 .103744 .103530 .103311	.102706 .102500 .102290 .102077 .101859	.101286 .101080 .100871 .100659 .100443	.099899 .099694 .099486 .099275 .099059	.098544 .098340 .098133 .097923 .097708	.097221 .097018 .096812 .096602 .096389
- 9.0		.117939 .117704 .117465 .117222 .116973	.116111 .115878 .115639 .115397 .115149	.114332 .114099 .113862 .113620 .113373	.112599 .112367 .112131 .111890 .111644	.110911 .110680 .110445 .110205 .109960	.109266 .109036 .108802 .108563 .108319	.107663 .107434 .107200 .106963 .106720	.106100 .105872 .105640 .105403 .105162	.104576 .104349 .104117 .103882 .103642	.103089 .102863 .102633 .102398 .102160	.101638 .101413 .101184 .100951 .100714	.100222 .099998 .099770 .099539 .099302	.098840 .098617 .098391 .098160 .097925	.097491 .097269 .097043 .096814 .096581	.096172 .095952 .095728 .095500 .095268
- 8.5		.116720 .116461 .116197 .115928 .115653	.114896 .114639 .114376 .114108 .113835	.113122 .112865 .112604 .112337 .112065	.111394 .111139 .110878 .110613 .110343	.109711 .109457 .109198 .108934 .108665	.108071 .107819 .107561 .107299 .107031	.106474 .106222 .105966 .105705 .105439	.104916 .104666 .104411 .104152 .103888	.103398 .103149 .102896 .102638 .102375	.101917 .101669 .101418 .101161 .100900	.100472 .100226 .099976 .099721 .099462	.099062 .098818 .098569 .098316 .098058	.097686 .097443 .097196 .096945 .096689	.096343 .096102 .095856 .095606 .095352	.095032 .094792 .094548 .094300 .094047
- 8.0		.115373 .115088 .114796 .114499 .114195	.113556 .113272 .112982 .112687 .112385	.111788 .111506 .111217 .110924 .110624	.110067 .109785 .109503 .109208 .108910	.108391 .108112 .107827 .107537 .107241	.106759 .106481 .106198 .105910 .105616	.105168 .104893 .104612 .104325 .104034	.103619 .103345 .103065 .102781 .102492	.102108 .101836 .101558 .101276 .100989	.100635 .100364 .100089 .099809 .099523	.099198 .098929 .098656 .098378 .098095	.097796 .097530 .097258 .096982 .096701	.096429 .096164 .095894 .095620 .095341	.095094 .094831 .094563 .094291 .094015	.093791 .093530 .093264 .092994 .092720
- 7.5		.113886 .113570 .113248 .112919 .112583	.112078 .111764 .111444 .111117 .110784	.110318 .110007 .109689 .109365 .109035	.108606 .108297 .107982 .107660 .107332	.106940 .106633 .106320 .106001 .105676	.105317 .105012 .104702 .104385 .104063	.103737 .103434 .103126 .102812 .102492	.102197 .101896 .101590 .101279 .100962	.100696 .100398 .100094 .099785 .099471	.099233 .098937 .098636 .098330 .098018	.097806 .097513 .097214 .096911 .096602	.096415j .096124 .095828 .095527 .095220	.095458 .094769 .094476 .094177 .093873	.093733 .093447 .093156 .092860 .092559	.092441 .092157 .091868 .091575 .091277
- 7.0		.112241 .111892 .111536 .111172 .110802	.110445 .110099 .109745 .109385 .109018	.108698 .108354 .108004 .107647 .107283	.106998 .106658 .106310 .105957 .105596	.105344 .105006 .104662 .104312 .103954	.103734 .103399 .103058 .102710 .102356	.102166 .101834 .101496 .101152 .100801	.100639 .100310 .099975 .099634 .099286	.099151 .098825 .098493 .098155 .097811	.097701 .097378 .097049 .096714 .096374	.096287 .095967 .095641 .095310 .094973	.094909 .094592 .094269 .093941 .093607	.093564 .093250 .092931 .092606 .092276	.092253 .091942 .091626 .091304 .090977	.090974 .090665 .090352 .090033 .089710
- 6.5		.110424 .110038 .109644 .109243 .108834	.108643 .108261 .107871 .107474 .107069	.106912 .106534 .106148 .105755 .105354	.105228 .104853 .104472 .104082 .103686	.103590 .103219 .102841 .102456 .102064	.101996 .101629 .101254 .100873 .100485	.100444 .100080 .099710 .099333 .098949	.098933 .098573 .098207 .097834 .097454	.097461 .097105 .096742 .096373 .095998	.096027 .095675 .095316 .094951 .094580	.094630 .094281 .093926 .093565 .093198	.093268 .092922 .092571 .092214 .091851	.091940 .091598 .091251 .090898 .090539	.090644 .090306 .089963 .089614 .089259	.089381 .089046 .088707 .088361 .088011
- 6.0		.108416 .107991 .107556 .107114 .106662	.106656 .106235 .105806 .105368 .104922	.104945 .104529 .104104 .103672 .103232	.103282 .102870 .102451 .102023 .101588	.101664 .101257 .100842 .100420 .099990	.100090 .099688 .099278 .098861 .098436	.098558 .098161 .097756 .097344 .096924	.097068 .096674 .096274 .095867 .095453	.095616 .095227 .094832 .094430 .094021	.094202 .093818 .093427 .093030 .092626	.092825 .092445 .092059 .091667 .091268	.091482 .091107 .090726 .090338 .089944	.090174 .089803 .089426 .089044 .088655	.088898 .088532 .088160 .087782 .087397	.087654 .087292 .086925 .086551 .086172
- 5.5		.106202 .105733 .105255 .104768 .104271	.104468 .104005 .103533 .103052 .102562	.102783 .102325 .101860 .101385 .100902	.101145 .100693 .100234 .099766 .099289	.099552 .099107 .098653 .098191 .097721	.098004 .097564 .097116 .096661 .096197	.096497 .096063 .095621 .095172 .094715	.095031 .094603 .094167 .093723 .093273	.093605 .093181 .092751 .092314 .091869	.092215 .091798 .091373 .090942 .090503	.090862 .090450 .090031 .089605 .089173	.089544 .089137 .088724 .088304 .087878	.088259 .087858 .087450 .087036 .086616	.087007 .086611 .086209 .085800 .085386	.085787 .085396 .084999 .084596 .084187

		A(r,z)														
r	z	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
-10.0		.096888 .096702 .096513 .096322 .096126	.095620 .095435 .095247 .095056 .094862	.094381 .094197 .094010 .093820 .093626	.093170 .092986 .092800 .092610 .092418	.091964 .091802 .091616 .091428 .091236	.090825 .090643 .090458 .090271 .090080	.089691 .089510 .089326 .089139 .088949	.088581 .088400 .088217 .088031 .087843	.087494 .087315 .087132 .086948 .086760	.086430 .086252 .086070 .085886 .085700	.085388 .085211 .085031 .084848 .084662	.084368 .084192 .084012 .083830 .083645	.083369 .083193 .083015 .082834 .082650	.082390 .082215 .082038 .081858 .081675	.081431 .081257 .081080 .080901 .080719
- 9.5		.095928 .095726 .095521 .095312 .095100	.094665 .094464 .094260 .094052 .093841	.093430 .093230 .093027 .092820 .092610	.092222 .092023 .091821 .091616 .091407	.091041 .090843 .090642 .090438 .090231	.089886 .089690 .089490 .089286 .089080	.088757 .088561 .088362 .088160 .087955	.087651 .087456 .087259 .087058 .086854	.086569 .086375 .086179 .085979 .085776	.085510 .085317 .085122 .084923 .084722	.084473 .084282 .084087 .083890 .083690	.083458 .083268 .083074 .082878 .082679	.082463 .082274 .082082 .081887 .081690	.081489 .081301 .081111 .080917 .080720	.080535 .080348 .080159 .079966 .079771
- 9.0		.094885 .094665 .094442 .094216 .093985	.093627 .093408 .093187 .092961 .092732	.092397 .092180 .091960 .091736 .091508	.091195 .090979 .090760 .090538 .090311	.090020 .089805 .089588 .089366 .089142	.088870 .088657 .088441 .088221 .087998	.087746 .087535 .087320 .087101 .086879	.086647 .086436 .086223 .086006 .085785	.085571 .085361 .085149 .084934 .084715	.084517 .084310 .084099 .083885 .083667	.083487 .083280 .083071 .082858 .082642	.082477 .082272 .082064 .081853 .081639	.081489 .081285 .081079 .080869 .080656	.080521 .080319 .080114 .079906 .079694	.079573 .079372 .079168 .078962 .078752
- 8.5		.093751 .093512 .093270 .093023 .092773	.092499 .092262 .092022 .091777 .091528	.091276 .091041 .090802 .090559 .090312	.090081 .089848 .089610 .089369 .089124	.088913 .088681 .088445 .088206 .087962	.087771 .087541 .087306 .087069 .086827	.086654 .086425 .086193 .085957 .085717	.085562 .085334 .085104 .084869 .084631	.084493 .084267 .084038 .083806 .083570	.083447 .083223 .082996 .082765 .082531	.082423 .082201 .081975 .081746 .081514	.081421 .081201 .080977 .080750 .080519	.080441 .080222 .079999 .079774 .079545	.079480 .079263 .079042 .078819 .078592	.078539 .078324 .078105 .077883 .077658
- 8.0		.092518 .092259 .091996 .091728 .091455	.091275 .091018 .090757 .090491 .090221	.090061 .089806 .089546 .089283 .089015	.088875 .088621 .088364 .088103 .087837	.087715 .087464 .087209 .086949 .086686	.086582 .086332 .086079 .085822 .085561	.085474 .085226 .084975 .084720 .084461	.084390 .084145 .083896 .083643 .083386	.083330 .083087 .082840 .082589 .082335	.082293 .082052 .081807 .081558 .081306	.081278 .081039 .080796 .080550 .080300	.080285 .080048 .079807 .079563 .079315	.079313 .079078 .078839 .078597 .078352	.078362 .078128 .077892 .077652 .077408	.077430 .077199 .076964 .076726 .076485
- 7.5		.091179 .090897 .090611 .090321 .090025	.089946 .089668 .089384 .089096 .088803	.088743 .088466 .088185 .087900 .087610	.087567 .087293 .087015 .086732 .086444	.086419 .086147 .085871 .085591 .085306	.085296 .085027 .084753 .084475 .084193	.084198 .083932 .083661 .083385 .083106	.083126 .082861 .082593 .082320 .082043	.082076 .081814 .081548 .081278 .081004	.081050 .080790 .080527 .080259 .079988	.080046 .079789 .079528 .079263 .078994	.079064 .078809 .078550 .078288 .078022	.078102 .077850 .077594 .077334 .077070	.077162 .076911 .076657 .076400 .076139	.076240 .075992 .075741 .075486 .075228
- 7.5		.089725 .089419 .089109 .088794 .088473	.088506 .088203 .087896 .087564 .087267	.087315 .087016 .086712 .086403 .086089	.086153 .085856 .085555 .085249 .084939	.085017 .084723 .084425 .084122 .083815	.083907 .083616 .083321 .083022 .082718	.082823 .082535 .082243 .081946 .081645	.081763 .081478 .081189 .080895 .080598	.080726 .080444 .080158 .079868 .079573	.079713 .079434 .079150 .078863 .078572	.078722 .078445 .078165 .077881 .077592	.077752 .077478 .077201 .076920 .076634	.076803 .076532 .076258 .075979 .075697	.075875 .075607 .075335 .075060 .074780	.074966 .074701 .074432 .074159 .073883
- 6.5		.088148 .087817 .087481 .087140 .086793	.086945 .086617 .086285 .085948 .085605	.085770 .085446 .085118 .084784 .084445	.084623 .084303 .083978 .083648 .083313	.083503 .083187 .082865 .082539 .082208	.082409 .082096 .081778 .081456 .081128	.081340 .081030 .080716 .080397 .080074	.080296 .079939 .079678 .079363 .079043	.079274 .078971 .078664 .078352 .078036	.078276 .077976 .077673 .077365 .077052	.077300 .077004 .076703 .076399 .076090	.076345 .076052 .075755 .075454 .075149	.075411 .075122 .074828 .074530 .074229	.074498 .074211 .073921 .073626 .073328	.073603 .073320 .073033 .072742 .072447
-6.0		.086441 .086083 .085720 .085351 .084976	.085257 .084903 .084544 .084180 .083810	.084101 .083752 .083397 .083038 .082673	.082973 .082628 .082278 .081923 .081562	.081872 .081531 .081185 .080834 .080478	.080796 .080459 .080118 .079771 .079420	.079746 .079413 .079075 .078733 .078386	.078719 .078390 .078057 .077719 .077376	.077716 .077391 .077062 .076728 .076390	.076736 .076415 .076089 .075760 .075426	.075777 .075460 .075139 .074813 .074483	.074840 .074526 .074209 .073888 .073562	.073923 .073614 .073300 .072983 .072661	.073026 .072721 .072411 .072097 .071780	.072149 .071847 .071541 .071231 .070918
- 5.5		.084596 .084210 .083819 .083421 .083018	.083435 .083054 .082668 .082276 .081878	.082302 .081926 .081545 .081158 .080766	.081197 .080826 .080449 .080068 .079681	.080117 .079751 .079380 .079004 .078622	.079064 .078702 .078336 .077965 .077588	.078034 .077678 .077316 .076950 .076579	.077029 .076677 .076321 .075959 .075593	.076047 .075700 .075348 .074991 .074630	.075087 .074745 .074397 .074046 .073690	.074149 .073811 .073468 .073121 .072770	.073232 .072898 .072560 .072218 .071871	.072335 .072006 .071672 .071334 .070993	.071458 .071133 .070804 .070470 .070133	.070600 .070279 .069954 .069625 .069293

A(r,z)

z	r	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
-	5.0	.000000	.099029	.198060	.297094	.396133	.495179	.594232	.693295	.792369	.891455	.990554	.898760	.822132	.757177	.701397
		.000000	.098990	.197983	.296973	.395980	.494987	.594004	.693031	.792069	.891121	.990187	.898360	.821702	.756717	.700908
		.000000	.098949	.197901	.296856	.395816	.494784	.593762	.692750	.791752	.890767	.989798	.897937	.821246	.756230	.700392
		.000000	.098906	.197813	.296725	.395643	.494569	.593505	.692453	.791415	.890392	.989386	.897489	.820764	.755715	.699846
		.000000	.098859	.197721	.296586	.395459	.494340	.593233	.692138	.791057	.889994	.988949	.897015	.820253	.755170	.699268
		.000000	.098810	.197622	.296439	.395263	.494097	.592943	.691802	.790678	.889571	.988485	.896511	.819711	.754592	.698656
-	4.5	.000000	.098757	.197517	.296282	.395055	.493838	.592634	.691445	.790274	.889122	.987992	.895976	.819136	.753979	.698006
		.000000	.098701	.197405	.296114	.394832	.493562	.592305	.691065	.789843	.888643	.987467	.895407	.818525	.753327	.697317
		.000000	.098641	.197285	.295935	.394595	.493267	.591954	.690659	.789384	.888133	.986908	.894801	.817874	.752634	.696585
		.000000	.098577	.197157	.295743	.394341	.492951	.591578	.690225	.788894	.887589	.986311	.894154	.817181	.751897	.695805
		.000000	.098503	.197019	.295538	.394069	.492613	.591177	.689761	.788370	.887007	.985674	.893465	.816442	.751110	.694975
		.000000	.098434	.196872	.295318	.393777	.492251	.590746	.689264	.787809	.886385	.984993	.892728	.815652	.750271	.694090
-	4.0	.000000	.098354	.196714	.295082	.393463	.491863	.590284	.688731	.787208	.885717	.984263	.891939	.814808	.749375	.693146
		.000000	.098269	.196543	.294827	.393126	.491444	.589787	.688158	.786561	.885001	.983481	.891094	.813903	.748416	.692136
		.000000	.098177	.196359	.294553	.392762	.490994	.589252	.687541	.785866	.884231	.982640	.890186	.812934	.747388	.691055
		.000000	.098077	.196161	.294256	.392370	.490508	.588675	.686876	.785118	.883403	.981736	.889211	.811892	.746286	.689897
		.000000	.097969	.195946	.293935	.391945	.489982	.588051	.686158	.784309	.882509	.980761	.888161	.810773	.745102	.688654
		.000000	.097852	.195713	.293588	.391485	.489412	.587376	.685381	.783436	.881543	.979710	.887030	.809567	.743828	.687319
-	3.5	.000000	.097725	.195459	.293210	.390986	.488794	.586643	.684539	.782489	.880499	.978573	.885807	.808266	.742456	.685881
		.000000	.097587	.195184	.292799	.390442	.488122	.585847	.683625	.781462	.879366	.977341	.884485	.806860	.740974	.684332
		.000000	.097436	.194883	.292350	.389849	.487389	.584980	.682629	.780346	.878135	.976005	.883052	.805338	.739373	.682660
		.000000	.097271	.194553	.291860	.389201	.486589	.584033	.681544	.779129	.876796	.974553	.881495	.803688	.737639	.680853
		.000000	.097089	.194192	.291322	.388491	.485713	.582998	.680357	.777800	.875335	.972971	.879802	.801896	.735759	.678896
		.000000	.096890	.193795	.290731	.387711	.484751	.581862	.679057	.776346	.873739	.971243	.877957	.799945	.733716	.676773
-	3.0	.000000	.096670	.193358	.290080	.386853	.483692	.580613	.677629	.774750	.871989	.969354	.875942	.797818	.731492	.674466
		.000000	.096427	.192874	.289360	.385904	.482524	.579237	.676056	.772996	.870068	.967282	.873735	.795494	.729066	.671956
		.000000	.096158	.192338	.288563	.384854	.481232	.577715	.674320	.771062	.867953	.965004	.871315	.792949	.726416	.669218
		.000000	.095858	.191742	.287677	.383688	.479798	.576028	.672398	.768923	.865619	.962495	.868653	.790157	.723514	.666227
		.000000	.095523	.191077	.286689	.382389	.478202	.574153	.670264	.766553	.863036	.959724	.865719	.787085	.720329	.662954
		.000000	.095149	.190332	.285584	.380936	.476420	.572062	.667887	.763917	.860169	.956655	.862477	.783699	.716828	.659364
-	2.5	.000000	.094728	.189496	.284343	.379307	.474423	.569722	.665233	.760978	.856978	.953247	.858885	.779958	.712969	.655419
		.000000	.094254	.188554	.282946	.377474	.472179	.567095	.662257	.757690	.853416	.949451	.854895	.775813	.708707	.651075
		.000000	.093717	.187488	.281367	.375404	.469647	.564136	.658911	.754000	.849428	.945211	.850450	.771209	.703989	.646282
		.000000	.093107	.186278	.279575	.373058	.466780	.560791	.655134	.749844	.844946	.940460	.845485	.766083	.698752	.640982
		.000000	.092412	.184900	.277535	.370387	.463522	.556995	.650856	.745146	.839894	.935118	.839920	.760358	.692926	.635109
		.000000	.091617	.183323	.275202	.367337	.459804	.552670	.645992	.739817	.834177	.929093	.833665	.753946	.686427	.628585
-	1.5	.000000	.090704	.181512	.272525	.363841	.455547	.547724	.640440	.733747	.827684	.922273	.826609	.746745	.679160	.621324
		.000000	.089652	.179426	.269443	.359816	.450652	.542046	.634076	.726807	.820282	.914523	.818624	.738630	.671011	.613223
		.000000	.088435	.177015	.265881	.355168	.445003	.535500	.626753	.718838	.811806	.905681	.809553	.729456	.661847	.604166
		.000000	.087025	.174221	.261752	.349782	.438460	.527924	.618289	.709647	.802059	.895552	.799209	.719050	.651514	.594018
		.000000	.085388	.170975	.256956	.343523	.430856	.519122	.608465	.698999	.790799	.883895	.787362	.707203	.639828	.582622
		.000000	.083487	.167203	.251377	.336234	.421994	.508860	.597015	.686603	.777723	.870411	.773733	.693663	.626572	.569799
-	1.0	.000000	.081278	.162818	.244983	.327737	.411644	.496857	.583611	.672099	.762455	.854729	.757974	.678123	.611489	.555344
		.000000	.078722	.157735	.237338	.317836	.399545	.482783	.567857	.655037	.744516	.836374	.739646	.660207	.594276	.539028
		.000000	.075777	.151870	.228504	.306328	.385413	.466259	.549276	.634851	.723287	.814726	.718187	.639446	.574575	.520595
		.000000	.072414	.145155	.218566	.293025	.368962	.446869	.527298	.610824	.697950	.788956	.692856	.615257	.551974	.499783
		.000000	.068621	.137559	.207153	.277792	.349947	.424200	.501280	.582047	.667384	.757898	.662644	.586906	.526017	.476344
		.000000	.064413	.129104	.194380	.260603	.328243	.397933	.470568	.547395	.629998	.719808	.626120	.553496	.496256	.450116
-	.5	.000000	.059840	.119890	.180383	.241610	.303962	.368021	.434711	.505610	.583411	.671766	.581147	.514034	.462414	.421137
		.000000	.054994	.110100	.165448	.221199	.277581	.334956	.393960	.455904	.524086	.607740	.524552	.467929	.424753	.389829

		A(r,z)														
z	r	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
- 5.0		.652962	.610499	.572959	.539524	.509551	.482524	.458026	.435715	.415308	.396572	.379307	.363348	.348551	.334795	.321973
		.652446	.609958	.572393	.538936	.508942	.481895	.457378	.435050	.414628	.395877	.378600	.362630	.347823	.334058	.321228
		.651902	.609386	.571797	.538316	.508299	.481232	.456696	.434351	.413913	.395149	.377859	.361877	.347060	.333286	.320449
		.651326	.608783	.571167	.537661	.507622	.480534	.455979	.433616	.413162	.394383	.377081	.361087	.346261	.332478	.319635
		.650717	.608145	.570501	.536971	.506908	.479798	.455223	.432842	.412372	.393579	.376263	.360259	.345423	.331632	.318782
- 4.5		.650072	.607470	.569798	.536241	.506154	.479022	.454426	.432027	.411541	.392732	.375404	.359389	.344543	.330745	.317888
		.649389	.606755	.569054	.535469	.505357	.478202	.453586	.431168	.410665	.391842	.374501	.358475	.343620	.329815	.316953
		.648665	.605997	.568255	.534652	.504514	.477336	.452699	.430261	.409742	.390904	.373551	.357514	.342651	.328839	.315972
		.647895	.605193	.567429	.533787	.503623	.476420	.451761	.429305	.408768	.389917	.372551	.356504	.341633	.327815	.314943
		.647077	.604339	.566542	.532870	.502678	.475450	.450769	.428294	.407741	.388875	.371498	.355441	.340563	.326739	.313863
- 4.0		.646206	.603431	.565599	.531896	.501676	.474423	.449720	.427225	.406656	.387776	.370387	.354322	.339437	.325608	.312731
		.645279	.602464	.564597	.530861	.500612	.473334	.448609	.426095	.405509	.386616	.369216	.353143	.338252	.324420	.311541
		.644290	.601434	.563530	.529761	.499483	.472179	.447431	.424898	.404296	.385390	.367981	.351900	.337005	.323171	.310291
		.643233	.600335	.562393	.528590	.498282	.470951	.446181	.423629	.403013	.384094	.366676	.350590	.335691	.321856	.308978
		.642104	.599162	.561180	.527342	.497003	.469647	.444854	.422284	.401653	.382724	.365298	.349207	.334306	.320472	.307598
- 3.5		.640895	.597907	.559885	.526011	.495641	.468258	.443444	.420857	.400212	.381273	.363841	.347746	.332846	.319014	.306145
		.639599	.596564	.558500	.524590	.494189	.466780	.441945	.419340	.398683	.379736	.362299	.346204	.331305	.317479	.304618
		.638208	.595124	.557017	.523070	.492638	.465203	.440348	.417728	.397060	.378107	.360668	.344574	.329680	.315861	.303010
		.636713	.593579	.555428	.521444	.490981	.463522	.438647	.416013	.395337	.376379	.358940	.342850	.327963	.314155	.301317
		.635105	.591918	.553723	.519702	.489208	.461725	.436833	.414188	.393504	.374545	.357109	.341026	.326150	.312356	.299535
- 3.0		.633371	.590131	.551891	.517832	.487310	.459804	.434897	.412242	.391555	.372598	.355168	.339095	.324234	.310457	.297657
		.631499	.588205	.549920	.515825	.485274	.457749	.432828	.410168	.389481	.370529	.353109	.337051	.322208	.308454	.295679
		.629476	.586127	.547797	.513667	.483090	.455547	.430617	.407954	.387271	.368329	.350924	.334886	.320067	.306339	.293594
		.627286	.583881	.545507	.511343	.480743	.453186	.428251	.405589	.384916	.365988	.348605	.332592	.317802	.304107	.291397
		.624910	.581450	.543033	.508839	.478219	.450652	.425716	.403063	.382404	.363498	.346141	.330159	.315405	.301749	.289081
- 2.5		.622330	.578816	.540358	.506137	.475501	.447930	.422999	.400360	.379723	.360846	.343523	.327581	.312869	.299260	.286641
		.619523	.575956	.537461	.503217	.472572	.445003	.420085	.397468	.376861	.358020	.340740	.324846	.310186	.296631	.284068
		.616464	.572847	.534320	.500059	.469412	.441853	.416957	.394371	.373804	.355010	.337783	.321945	.307346	.293854	.281358
		.613124	.569461	.530908	.496638	.465998	.438460	.413596	.391053	.370537	.351801	.334637	.318868	.304340	.290923	.278502
		.609471	.565769	.527198	.492929	.462307	.434802	.409984	.387496	.367044	.348380	.331293	.315604	.301160	.287829	.275494
- 2.0		.605469	.561736	.523158	.488903	.458313	.430856	.406098	.383682	.363310	.344733	.327737	.312143	.297797	.284563	.272327
		.601076	.557324	.518752	.484528	.453987	.426596	.401917	.379591	.359317	.340844	.323957	.308474	.294240	.281119	.268994
		.596246	.552489	.513943	.479768	.449298	.421994	.397416	.375201	.355047	.336698	.319938	.304585	.290480	.277487	.265490
		.590924	.547184	.508685	.474584	.444210	.417020	.392570	.370492	.350481	.332279	.315669	.300466	.286509	.273662	.261807
		.585051	.541352	.502930	.468934	.438688	.411644	.387351	.365439	.345600	.327572	.311137	.296105	.282318	.269636	.257942
- 1.5		.578557	.534933	.496624	.462772	.432692	.405830	.381732	.360021	.340386	.322562	.306328	.291494	.277899	.265404	.253888
		.571363	.527858	.489708	.456046	.426179	.399545	.375683	.354213	.334819	.317233	.301231	.286623	.273246	.260959	.249644
		.563381	.520050	.482116	.448702	.419104	.392751	.369176	.347993	.328881	.311571	.295837	.281485	.268352	.256299	.245205
		.554509	.511422	.473778	.440683	.411421	.385413	.362183	.341339	.322558	.305566	.290136	.276073	.263215	.251422	.240572
		.544632	.501882	.464617	.431928	.403084	.377494	.354676	.334232	.315833	.299207	.284122	.270385	.257833	.246326	.235744
- 1.0		.533622	.491325	.454553	.422376	.394046	.368962	.346632	.326655	.308698	.292488	.277792	.264419	.252206	.241014	.230725
		.521337	.479642	.443504	.411966	.384265	.359786	.338032	.318597	.301147	.285407	.271148	.258179	.246338	.235491	.225521
		.507620	.466717	.431386	.400643	.373705	.349947	.328865	.310053	.293178	.277967	.264193	.251669	.240237	.229764	.220137
		.492304	.452436	.418127	.388362	.362340	.339431	.319129	.301028	.284801	.270179	.256940	.244903	.233913	.223844	.214585
		.475221	.436696	.403668	.375093	.350163	.328243	.308833	.291536	.276031	.262058	.249405	.237895	.227382	.217744	.208877
- .5		.456219	.419418	.387977	.360836	.337187	.316405	.298005	.281604	.266895	.253631	.241610	.230666	.220662	.211483	.203030
		.435186	.400572	.371070	.345626	.323455	.303962	.286688	.271272	.257429	.244929	.233585	.223244	.213778	.205080	.197060
		.412109	.380213	.353023	.329545	.309048	.290988	.274946	.260597	.247682	.235995	.225367	.215659	.206755	.198559	.190990
		.387137	.358510	.334000	.312735	.294086	.277581	.262863	.249648	.237714	.226880	.216998	.207948	.199626	.191948	.184842
		.360659	.335784	.314252	.295396	.278726	.263870	.250541	.238509	.227592	.217639	.208526	.200150	.192424	.185276	.178641

A(r,z)

r	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
z															
- 5.0	.309994 .309243 .308458 .307638 .306780	.298779 .298023 .297233 .296408 .295546	.288257 .287497 .286703 .285875 .285010	.278368 .277604 .276808 .275978 .275111	.269056 .268290 .267493 .266661 .265794	.260274 .259507 .258709 .257877 .257011	.251979 .251211 .250413 .249582 .248717	.244132 .243365 .242568 .241738 .240876	.236699 .235933 .235138 .234311 .233452	.229649 .228885 .228092 .227269 .226414	.222955 .222193 .221403 .220584 .219733	.216590 .215832 .215046 .214231 .213385	.210533 .209778 .208996 .208186 .207347	.204762 .204011 .203234 .202430 .201597	.199258 .198512 .197741 .196943 .196117
- 4.5	.305882 .304942 .303957 .302926 .301845	.294644 .293702 .292715 .291683 .290602	.284107 .283163 .282176 .281144 .280064	.274207 .273263 .272276 .271246 .270169	.264890 .263947 .262963 .261936 .260863	.256108 .255167 .254186 .253163 .252096	.247817 .246879 .245902 .244885 .243824	.239979 .239045 .238073 .237062 .236009	.232559 .231630 .230664 .229660 .228615	.225525 .224602 .223644 .222647 .221612	.218850 .217934 .216983 .215995 .214970	.212509 .211600 .210657 .209678 .208663	.206477 .205576 .204642 .203673 .202669	.200735 .199842 .198916 .197958 .196966	.195262 .194377 .193462 .192515 .191534
- 4.0	.300711 .299522 .298275 .296965 .295590	.289469 .288283 .287039 .285735 .284367	.278934 .277752 .276514 .275217 .273859	.269044 .267867 .266636 .265349 .264001	.259743 .258573 .257351 .256074 .254739	.250982 .249821 .248608 .247343 .246022	.242719 .241566 .240365 .239112 .237806	.234912 .233770 .232581 .231342 .230051	.227528 .226398 .225221 .223997 .222723	.220535 .219417 .218254 .217045 .215788	.213904 .212798 .211650 .210457 .209218	.207610 .206517 .205384 .204207 .202987	.201628 .200549 .199431 .198272 .197070	.195938 .194873 .193771 .192629 .191446	.190520 .189470 .188383 .187259 .186096
- 3.5	.294145 .292628 .291033 .289356 .287592	.282933 .281427 .279847 .278188 .276446	.272436 .270944 .269381 .267741 .266023	.262591 .261115 .259570 .257952 .256259	.253343 .251884 .250359 .248764 .247097	.244642 .243201 .241697 .240126 .238486	.236443 .235022 .233540 .231994 .230382	.228707 .227306 .225847 .224326 .222743	.221397 .220017 .218581 .217088 .215533	.214482 .213123 .211712 .210245 .208720	.207932 .206596 .205209 .203769 .202274	.201721 .200407 .199045 .197632 .196167	.195825 .194534 .193197 .191811 .190377	.190222 .188954 .187642 .186284 .184879	.184893 .183648 .182361 .181030 .179654
- 3.0	.285738 .283787 .281735 .279576 .277304	.274617 .272695 .270678 .268558 .266332	.264221 .262331 .260349 .258271 .256092	.254485 .252628 .250684 .248648 .246517	.245353 .243530 .241624 .239631 .237549	.236773 .234985 .233117 .231169 .229135	.228700 .226947 .225119 .223214 .221229	.221094 .219376 .217588 .215727 .213791	.213917 .212235 .210487 .208670 .206781	.207136 .205491 .203782 .202008 .200167	.200723 .199113 .197444 .195713 .193919	.194649 .193075 .191445 .189757 .188009	.188891 .187353 .185761 .184114 .182411	.183425 .181922 .180369 .178763 .177104	.178233 .176765 .175248 .173683 .172067
- 2.5	.274914 .272400 .269757 .266977 .264056	.263995 .261541 .258965 .256262 .253427	.253808 .251414 .248906 .246280 .243530	.244287 .241954 .239514 .236963 .234297	.235373 .233100 .230727 .228251 .225669	.227013 .224801 .222495 .220092 .217590	.219162 .217009 .214768 .212437 .210015	.211776 .209682 .207506 .205245 .202899	.204820 .202783 .200670 .198478 .196206	.198258 .196278 .194226 .192101 .189901	.192060 .190136 .188144 .186083 .183954	.186200 .184329 .182396 .180398 .178336	.180651 .178833 .176956 .175020 .173023	.175392 .173625 .171803 .169925 .167991	.170402 .168685 .166916 .165095 .163221
- 2.0	.260987 .257765 .254385 .250841 .247130	.250455 .247342 .244082 .240674 .237112	.240654 .237646 .234505 .231226 .227808	.231514 .228610 .225583 .222429 .219148	.222977 .220173 .217256 .214223 .211073	.214987 .212281 .209469 .206552 .203527	.207498 .204885 .202176 .199369 .196464	.200466 .197944 .195333 .192632 .189840	.193854 .191419 .188902 .186302 .183619	.187627 .185276 .182849 .180346 .177766	.181754 .179484 .177144 .174732 .172251	.176209 .174016 .171758 .169435 .167047	.170965 .168847 .166668 .164429 .162130	.166001 .163954 .161851 .159692 .157478	.161295 .159317 .157286 .155203 .153070
- 1.5	.243249 .239195 .234966 .230562 .225985	.233395 .229522 .225491 .221303 .216961	.224248 .220546 .216703 .212718 .208595	.215738 .212200 .208532 .204738 .200820	.207805 .204421 .200920 .197305 .193577	.200395 .197157 .193813 .190365 .186817	.193461 .190360 .187164 .183874 .180493	.186959 .183990 .180933 .177791 .174566	.180854 .178008 .175083 .172080 .169002	.175111 .172382 .169580 .166708 .163768	.169701 .167082 .164397 .161648 .158837	.164596 .162082 .159508 .156874 .154184	.159773 .157358 .154888 .152363 .149787	.155210 .152889 .150517 .148095 .145626	.150887 .148655 .146375 .144051 .141683
- 1.0	.221239 .216328 .211261 .206045 .200694	.212468 .207829 .203052 .198144 .193118	.204337 .199950 .195440 .190815 .186086	.196781 .192627 .188363 .183998 .179541	.189742 .185804 .181768 .177643 .173435	.183171 .179434 .175609 .171704 .167726	.177025 .173473 .169844 .166143 .162376	.171263 .167885 .164437 .160924 .157354	.165853 .162636 .159356 .156019 .152629	.160763 .157697 .154574 .151399 .148177	.155967 .153042 .150065 .147040 .143974	.151441 .148647 .145806 .142923 .140001	.147162 .144492 .141778 .139026 .136239	.143113 .140557 .137963 .135333 .132672	.139274 .136827 .134344 .131829 .129286
- .5	.195221 .189643 .183977 .178245 .172467	.187986 .182762 .177462 .172104 .166707	.181264 .176361 .171393 .166374 .161320	.175002 .170393 .165725 .161013 .156272	.169155 .164813 .160420 .155988 .151530	.163684 .159587 .155445 .151268 .147069	.158553 .154681 .150769 .146826 .142863	.153732 .150066 .146365 .142637 .138891	.149193 .145719 .142212 .138681 .135134	.144913 .141615 .138288 .134939 .131576	.140870 .137735 .134574 .131394 .128200	.137045 .134062 .131055 .128030 .124994	.133422 .130578 .127714 .124834 .121944	.129983 .127271 .124540 .121794 .119039	.126717 .124127 .121520 .118899 .116270

		A(r,z)														
z	r	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
-	5.0	.194004 .193264 .192498 .191706 .190888	.188985 .188250 .187490 .186706 .185895	.184185 .183456 .182703 .181926 .181123	.179592 .178869 .178123 .177353 .176558	.175192 .174476 .173737 .172975 .172189	.170975 .170266 .169534 .168780 .168003	.166930 .166228 .165504 .164758 .163990	.163048 .162353 .161637 .160899 .160141	.159319 .158631 .157923 .157194 .156445	.155735 .155054 .154355 .153635 .152895	.152288 .151615 .150924 .150213 .149483	.148971 .148306 .147623 .146921 .146201	.145778 .145121 .144446 .143753 .143042	.142701 .142052 .141386 .140702 .140001	.139736 .139094 .138437 .137762 .137070
	4.5	.190041 .189166 .188261 .187325 .186357	.185057 .184191 .183296 .182372 .181416	.180294 .179438 .178554 .177641 .176699	.175739 .174893 .174020 .173119 .172190	.171379 .170543 .169681 .168793 .167877	.167203 .166377 .165527 .164651 .163748	.163200 .162385 .161546 .160683 .159794	.159360 .158556 .157729 .156878 .156002	.155674 .154882 .154066 .153228 .152366	.152135 .151353 .150549 .149723 .148874	.148732 .147962 .147170 .146356 .145521	.145461 .144701 .143921 .143120 .142298	.142312 .141564 .140795 .140007 .139199	.139281 .138544 .137787 .137011 .136216	.136361 .135635 .134890 .134126 .133344
	4.0	.185356 .184321 .183250 .182144 .181000	.180429 .179409 .178356 .177267 .176143	.175726 .174721 .173684 .172614 .171509	.171231 .170242 .169222 .168169 .167084	.166932 .165959 .164955 .163921 .162856	.162818 .161860 .160874 .159858 .158812	.158878 .157936 .156966 .155968 .154941	.155101 .154175 .153221 .152241 .151234	.151479 .150568 .149631 .148669 .147680	.148002 .147107 .146187 .145242 .144272	.144664 .143783 .142879 .141952 .141000	.141455 .140589 .139702 .138791 .137858	.138369 .137519 .136647 .135754 .134838	.135401 .134565 .133709 .132833 .131935	.132543 .131722 .130882 .130021 .129141
	3.5	.179818 .178597 .177335 .176031 .174685	.174982 .173784 .172547 .171270 .169952	.170370 .169194 .167981 .166731 .165442	.165966 .164813 .163625 .162401 .161140	.161758 .160628 .159464 .158266 .157033	.157735 .156627 .155487 .154315 .153109	.153885 .152799 .151683 .150535 .149356	.150198 .149134 .148041 .146918 .145765	.146665 .145622 .144551 .143453 .142325	.143276 .142254 .141206 .140131 .139029	.140024 .139023 .137997 .136945 .135868	.136901 .135920 .134916 .133887 .132833	.133900 .132940 .131956 .130949 .129919	.131015 .130074 .129111 .128126 .127119	.128239 .127318 .126375 .125411 .124426
	3.0	.173295 .171860 .170381 .168855 .167282	.168594 .167193 .165749 .164262 .162730	.164114 .162747 .161338 .159888 .158396	.159843 .158507 .157133 .155720 .154267	.155765 .154461 .153120 .151743 .150328	.151870 .150596 .149289 .147946 .146568	.148145 .146902 .145626 .144318 .142976	.144582 .143368 .142124 .140848 .139541	.141170 .139985 .138770 .137526 .136253	.137900 .136743 .135558 .134345 .133104	.134764 .133634 .132478 .131296 .130087	.131755 .130652 .129524 .128370 .127192	.128866 .127788 .126687 .125562 .124414	.126089 .125037 .123962 .122865 .121745	.123420 .122392 .121343 .120273 .119181
-	2.5	.165661 .163992 .162275 .160509 .158694	.161153 .159532 .157864 .156151 .154392	.156863 .155286 .153667 .152005 .150300	.152775 .151242 .149670 .148057 .146404	.148876 .147387 .145859 .144294 .142691	.145155 .143707 .142223 .140703 .139149	.141601 .140192 .138750 .137275 .135766	.138202 .136832 .135431 .133998 .132534	.134950 .133617 .132255 .130863 .129442	.131836 .130539 .129214 .127862 .126482	.128851 .127589 .126301 .124987 .123647	.125989 .124761 .123507 .122230 .120928	.123242 .122046 .120827 .119584 .118319	.120603 .119439 .118252 .117044 .115814	.118068 .116934 .115779 .114603 .113407
	2.0	.156830 .154917 .152955 .150946 .148889	.152587 .150737 .148842 .146902 .144918	.148553 .146762 .144930 .143057 .141143	.144711 .142979 .141207 .139397 .137550	.141051 .139374 .137660 .135911 .134126	.137559 .135935 .134277 .132585 .130861	.134225 .132652 .131047 .129410 .127743	.131040 .129515 .127960 .126376 .124764	.127992 .126514 .125008 .123475 .121915	.125076 .123642 .122183 .120697 .119188	.122281 .120891 .119476 .118037 .116575	.119602 .118253 .116880 .115485 .114069	.117031 .115721 .114390 .113037 .111665	.114563 .113291 .111999 .110687 .109356	.112191 .110956 .109701 .108428 .107137
	1.5	.146786 .144638 .142447 .140214 .137941	.142892 .140824 .138716 .136569 .134386	.139189 .137197 .135168 .133103 .131005	.135665 .133745 .131791 .129803 .127785	.132307 .130455 .128572 .126658 .124715	.129104 .127318 .125501 .123657 .121786	.126047 .124322 .122569 .120791 .118987	.123125 .121458 .119767 .118051 .116312	.120330 .118719 .117085 .115429 .113751	.117654 .116097 .114518 .112918 .111298	.115090 .113584 .112057 .110511 .108946	.112631 .111174 .109697 .108202 .106689	.110272 .108861 .107431 .105985 .104522	.108006 .106639 .105255 .103855 .102440	.105828 .104503 .103163 .101807 .100437
	1.0	.135631 .133285 .130907 .128500 .126066	.132169 .129919 .127639 .125333 .123002	.128875 .126715 .124528 .122316 .120082	.125737 .123662 .121562 .119439 .117296	.122745 .120751 .118732 .116693 .114636	.119890 .117970 .116030 .114070 .112092	.117161 .115313 .113446 .111560 .109659	.114551 .112771 .110972 .109157 .107328	.112053 .110337 .108604 .106855 .105093	.109659 .108004 .106332 .104647 .102949	.107364 .105766 .104153 .102527 .100890	.105161 .103617 .102060 .100491 .098911	.103045 .101553 .100049 .098534 .097008	.101011 .099569 .098115 .096650 .095176	.099054 .097659 .096253 .094837 .093412
	-	.5	.123610 .121134 .118642 .116138 .113627	.120651 .118281 .115898 .113503 .111101	.117829 .115559 .113277 .110985 .108685	.115136 .112960 .110772 .108575 .106373	.112562 .110474 .108376 .106269 .104156	.110100 .108096 .106081 .104058 .102030	.107744 .105817 .103881 .101938 .099990	.105485 .103632 .101770 .099902 .098029	.103319 .101535 .099743 .097946 .096144	.101240 .099521 .097796 .096065 .094329	.099242 .097586 .095923 .094254 .092583	.097321 .095724 .094120 .092511 .090899	.095473 .093931 .092384 .090831 .089276	.093694 .092205 .090710 .089211 .087710

		A(r,z)														
r		6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
z	5.0	.136876 .136242 .135593 .134928 .134246	.134116 .133491 .132850 .132194 .131521	.131452 .130835 .130202 .129555 .128893	.128879 .128269 .127646 .127008 .126355	.126392 .125791 .125176 .124547 .123903	.123988 .123395 .122789 .122169 .121535	.121664 .121078 .118837 .118247 .117645 .119869 .117030	.119414 .118837 .116667 .116086 .115492 .113409 .112333	.117237 .116667 .114567 .113994 .113409 .111390 .110802	.115128 .114567 .112532 .111967 .110003 .109435 .10856	.113085 .110560 .108648 .106794 .106253 .105702 .105140	.111105 .110560 .108648 .106794 .106253 .105702 .105140	.109186 .108648 .106794 .106253 .105702 .105140	.107324 .106794 .106253 .105702 .105140	.105518 .104995 .104462 .103919 .103366
	4.5	.133547 .132831 .132098 .131347 .130577	.130833 .130128 .129406 .128667 .127911	.128214 .127520 .126810 .126083 .125339	.125687 .125003 .124304 .123589 .122858	.123245 .122572 .121884 .121181 .120462	.120886 .120224 .119547 .118855 .118149	.118606 .117954 .117288 .116608 .115913	.116401 .115759 .115104 .114435 .113752	.114267 .113636 .112991 .112333 .111662	.112202 .111581 .110959 .110330 .109640	.110203 .108265 .107663 .107050 .106424 .105787	.108265 .107663 .107050 .106424 .105787	.106388 .105796 .105192 .104577 .103951	.104568 .103985 .103391 .102786 .102171	.102803 .102229 .101645 .101050 .100445
	4.0	.129790 .128984 .128159 .127314 .126451	.127137 .126345 .125535 .124706 .123859	.124578 .123801 .123005 .122193 .121362	.122110 .121346 .120566 .119768 .118954	.119728 .118978 .118211 .117429 .116630	.117427 .116690 .115938 .115170 .114387	.115204 .114481 .113742 .112989 .112221	.113056 .112345 .111620 .110881 .110128	.110978 .110280 .109568 .108843 .108104	.108968 .108282 .107584 .106872 .106147	.107022 .106349 .105663 .104964 .104253	.105138 .104477 .103803 .103118 .102421	.103313 .102663 .102002 .101330 .100645	.101544 .100906 .100257 .099597 .098926	.099829 .099203 .098566 .097918 .097259
	3.5	.125567 .124664 .123741 .122798 .121835	.122994 .122109 .121205 .120283 .119340	.120513 .119647 .118762 .117859 .116938	.118122 .117273 .116407 .115523 .114621	.115815 .114983 .114135 .113270 .112388	.113588 .112773 .111942 .111095 .110233	.111437 .110639 .109825 .108996 .108152	.109360 .108577 .107780 .106965 .106143	.107351 .106584 .105804 .105009 .104201	.105409 .104657 .103893 .103115 .102324	.103530 .102793 .102044 .101282 .100508	.101711 .100989 .100255 .099509 .098750	.099950 .099242 .098523 .097792 .097049	.098243 .097550 .096845 .096129 .095401	.096590 .095909 .095219 .094517 .093805
	3.0	.120851 .119848 .118823 .117779 .116714	.118379 .117398 .116398 .115379 .114341	.115998 .115039 .114063 .113068 .112055	.113703 .112766 .111812 .110841 .109853	.111489 .110574 .109643 .108694 .107730	.109354 .108460 .107549 .106623 .105682	.107293 .106419 .105529 .104625 .103705	.105302 .104447 .103578 .102694 .101797	.103379 .102543 .101693 .100830 .099953	.101519 .100701 .099871 .099027 .098171	.099720 .098921 .098108 .097284 .096447	.097980 .097198 .096403 .095597 .094780	.096295 .095530 .094753 .093965 .093165	.094663 .093914 .093154 .092383 .091602	.093082 .092349 .091605 .090852 .090088
2.5	.115629 .114525 .113400 .112256 .111093	.113283 .112206 .111111 .109998 .108866	.111024 .109975 .108908 .107823 .106722	.108847 .107824 .106785 .105729 .104657	.106749 .105751 .104738 .103710 .102666	.104725 .103752 .102765 .101762 .100745	.102771 .101823 .100860 .099883 .098892	.100885 .099960 .099021 .098068 .097103	.099063 .098160 .097244 .096315 .095374	.097302 .096420 .095526 .094621 .093703	.095598 .094738 .093865 .092982 .092087	.093950 .093110 .092259 .091396 .090523	.092355 .091534 .090703 .089861 .089009	.090811 .090009 .089197 .088375 .087543	.089314 .088530 .087737 .086935 .086123	
2.0	.109911 .108710 .107492 .106256 .105003	.107716 .106550 .105366 .104165 .102949	.105604 .104469 .103319 .102153 .100972	.103569 .102465 .101347 .100213 .099066	.101607 .100533 .099445 .098344 .097229	.099714 .098670 .097611 .096540 .095456	.097888 .096871 .095841 .094799 .093745	.096125 .095134 .094132 .093117 .092092	.094421 .093456 .092480 .091492 .090495	.092774 .091834 .090883 .089921 .088950	.091181 .090265 .089338 .088402 .087456	.089640 .088747 .087843 .086931 .086010	.088148 .087277 .086396 .085507 .084609	.086703 .085853 .084994 .084127 .083252	.085302 .084473 .083636 .082790 .081937	
1.5	.103734 .102449 .101150 .099836 .098509	.101718 .100472 .099212 .097939 .096653	.099776 .098567 .097345 .096110 .094864	.097905 .096732 .095545 .094348 .093139	.096101 .094961 .093810 .092647 .091475	.094360 .093253 .092134 .091006 .089867	.092679 .091603 .090517 .089420 .088315	.091056 .090009 .088953 .087888 .086814	.089487 .088469 .087442 .086406 .085363	.087969 .086979 .085980 .084973 .083958	.086501 .085537 .084565 .083586 .082599	.085080 .084141 .083195 .082242 .081282	.083703 .082789 .081868 .080940 .080006	.082369 .081479 .080582 .079678 .078768	.081076 .080209 .079335 .078454 .077568	
1.0	.097171 .095820 .094460 .093090 .091711	.095356 .094049 .092731 .091405 .090071	.093607 .092340 .091064 .089780 .088489	.091920 .090692 .089456 .088212 .086961	.090292 .089101 .087902 .086696 .085484	.088720 .087565 .086402 .085232 .084056	.087201 .086080 .084951 .083816 .082675	.085732 .084643 .083548 .082446 .081339	.084312 .083254 .082189 .081119 .080044	.082937 .081908 .080874 .079835 .078791	.081605 .080606 .079600 .078590 .077575	.080315 .079343 .078365 .077383 .076397	.079065 .078119 .077168 .076213 .075253	.077853 .076932 .076006 .075077 .074143	.076676 .075780 .074879 .073974 .073065	
.5	.090326 .088935 .087539 .086139 .084737	.088731 .087385 .086035 .084681 .083325	.087191 .085888 .084581 .083271 .081959	.085704 .084442 .083176 .081907 .080637	.084266 .083043 .081817 .080588 .079357	.082875 .081690 .080501 .079310 .078117	.081530 .080380 .079227 .078072 .076915	.080227 .079112 .077993 .076872 .075750	.078965 .077882 .076797 .075709 .074619	.077742 .076691 .075636 .074580 .073522	.076557 .075535 .074511 .073484 .072457	.075407 .074413 .073357 .072420 .071422	.074290 .073325 .072357 .071387 .070416	.073207 .072267 .071326 .070382 .069438	.072154 .071240 .070323 .069406 .068487	

A(r,z)

r	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
z															
- 5.0	.103765 .103250 .102724 .102190 .101645	.102063 .101555 .101037 .100511 .099974	.100410 .099909 .099399 .098880 .098352	.098804 .098310 .097808 .097297 .096777	.097243 .096756 .096261 .095758 .095246	.095726 .095246 .094758 .094262 .093758	.094250 .093777 .093296 .092808 .092311	.092814 .092348 .091875 .091394 .090905	.091417 .090958 .090492 .090017 .089536	.090058 .089605 .089145 .088678 .088204	.088734 .088288 .087835 .087375 .086908	.087445 .087005 .086559 .086105 .085646	.086189 .085755 .085315 .084869 .084416	.084965 .084538 .084104 .083664 .083218	.083772 .083351 .082924 .082490 .082051
- 4.5	.101090 .100526 .099951 .099367 .098772	.099428 .098873 .098308 .097733 .097148	.097815 .097268 .096712 .096147 .095572	.096248 .095710 .095163 .094607 .094041	.094725 .094196 .093658 .093111 .092555	.093245 .092724 .092195 .091657 .091111	.091807 .091294 .090773 .090244 .089707	.090408 .089903 .089391 .088871 .088342	.089047 .088550 .088046 .087534 .087015	.087723 .087234 .086738 .086235 .085724	.086434 .085953 .085465 .084969 .084467	.085179 .084705 .084225 .083738 .083244	.083957 .083490 .083018 .082539 .082053	.082766 .082307 .081842 .081370 .080892	.081606 .081154 .080696 .080232 .079762
- 4.0	.098167 .097551 .096925 .096289 .095643	.096553 .095949 .095334 .094710 .094076	.094987 .094393 .093790 .093177 .092555	.093467 .092884 .092291 .091689 .091078	.091991 .091417 .090835 .090244 .089645	.090556 .089993 .089421 .088841 .088252	.089162 .088608 .088047 .087471 .086899	.087806 .087263 .086711 .086151 .085584	.086488 .085954 .085412 .084862 .084305	.085206 .084681 .084148 .083608 .083061	.083958 .083442 .082918 .082388 .081850	.082743 .082236 .081721 .081200 .080672	.081560 .081061 .080556 .080044 .079525	.080408 .079918 .079421 .078918 .078408	.079286 .078803 .078315 .077821 .077320
- 3.5	.094986 .094319 .093642 .092955 .092257	.093431 .092777 .092114 .091440 .090756	.091923 .091281 .090630 .089970 .089300	.090458 .089829 .089191 .088544 .087887	.089036 .088419 .087793 .087159 .086516	.087655 .087050 .086436 .085814 .085183	.086313 .085719 .085117 .084507 .083889	.085009 .084426 .083835 .083236 .082631	.083740 .083168 .082588 .082001 .081407	.082506 .081945 .081376 .080800 .080218	.081306 .080755 .080197 .079632 .079060	.080138 .079597 .079049 .078494 .077934	.079000 .078469 .077931 .077387 .076837	.077893 .077371 .076843 .076309 .075769	.076814 .076301 .075783 .075259 .074729
- 3.0	.091550 .090832 .090104 .089367 .088620	.090063 .089361 .088649 .087927 .087196	.088622 .087934 .087236 .086530 .085816	.087222 .086549 .085866 .085175 .084476	.085864 .085204 .084536 .083859 .083175	.084545 .083898 .083244 .082581 .081911	.083263 .082629 .081988 .081340 .080684	.082017 .081396 .080768 .080133 .079491	.080806 .080197 .079582 .078960 .078331	.079628 .079032 .078428 .077819 .077202	.078482 .077897 .077306 .076709 .076105	.077367 .076793 .076214 .075628 .075037	.076281 .075719 .075150 .074576 .073997	.075224 .074672 .074115 .073552 .072984	.074194 .073653 .073106 .072554 .071997
- 2.5	.087863 .087097 .086322 .085539 .084746	.086457 .085708 .084951 .084185 .083411	.085092 .084360 .083620 .082871 .082115	.083768 .083052 .082328 .081597 .080858	.082482 .081782 .081074 .080359 .079637	.081233 .080548 .079856 .079157 .078451	.080020 .079350 .078673 .077989 .077298	.078841 .078185 .077523 .076853 .076178	.077695 .077053 .076404 .075749 .075089	.076580 .075951 .075316 .074675 .074029	.075495 .074879 .074258 .073630 .072998	.074439 .073836 .073227 .072613 .071994	.073411 .072820 .072224 .071623 .071016	.072410 .071831 .071247 .070658 .070064	.071435 .070867 .070295 .069718 .069137
- 2.0	.083945 .083136 .082318 .081494 .080662	.082628 .081838 .081041 .080236 .079424	.081351 .080580 .079801 .079015 .078223	.080111 .079358 .078597 .077831 .077057	.078907 .078171 .077429 .076680 .075925	.077738 .077018 .076293 .075561 .074824	.076601 .075898 .075189 .074475 .073754	.075496 .074809 .074116 .073418 .072714	.074422 .073750 .073072 .072390 .071702	.073377 .072719 .072057 .071389 .070717	.072360 .071717 .071068 .070416 .069758	.071369 .070740 .070106 .069467 .068824	.070405 .069789 .069169 .068544 .067915	.069466 .068863 .068255 .067644 .067029	.068550 .067960 .067365 .066767 .066165
- 1.5	.079822 .078977 .078125 .077267 .076403	.078606 .077781 .076950 .076114 .075273	.077425 .076621 .075810 .074995 .074175	.076278 .075493 .074703 .073908 .073108	.075164 .074398 .073627 .072851 .072071	.074082 .073334 .072581 .071824 .071062	.073029 .072299 .071564 .070825 .070081	.072005 .071292 .070574 .069852 .069127	.071009 .070313 .069611 .068906 .068197	.070040 .069359 .068674 .067985 .067293	.069096 .068431 .067761 .067088 .066411	.068177 .067526 .066872 .066214 .065552	.067282 .066645 .066005 .065362 .064715	.066409 .065787 .065160 .064531 .063899	.065559 .064949 .064337 .063721 .063103
- 1.0	.075535 .074662 .073784 .072903 .072018	.074426 .073576 .072721 .071862 .071001	.073350 .072520 .071687 .070851 .070012	.072303 .071495 .070683 .069867 .069049	.071286 .070498 .069706 .068911 .068113	.070297 .069527 .068755 .067980 .067202	.069334 .068584 .067830 .067073 .066314	.068397 .067665 .066929 .066191 .065450	.067485 .066770 .066052 .065331 .064608	.066597 .065898 .065197 .064493 .063787	.065732 .065049 .064364 .063676 .062987	.064888 .064221 .063552 .062880 .062206	.064066 .063414 .062760 .062103 .061445	.063264 .062627 .061987 .061345 .060702	.062482 .061858 .061233 .060606 .059976
- .5	.071131 .070241 .069349 .068456 .067561	.070136 .069270 .068401 .067532 .066661	.069169 .068325 .067479 .066632 .065784	.068229 .067406 .066582 .065756 .064929	.067313 .066511 .065707 .064903 .064097	.066422 .065639 .064856 .064071 .063286	.065553 .064790 .064026 .063261 .062495	.064707 .063963 .063217 .062471 .061723	.063883 .063157 .062429 .061700 .060971	.063079 .062370 .061660 .060948 .060236	.062296 .061603 .060909 .060214 .059519	.061531 .060855 .060177 .059498 .058819	.060785 .060124 .059462 .058799 .058135	.060057 .059411 .058763 .058115 .057467	.059346 .058714 .058081 .057448 .056814

A(r,z)															
r	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
z															
- 5.0	.082609 .082194 .081773 .081346 .080913	.081475 .081066 .080651 .080230 .079804	.080368 .079965 .079556 .079142 .078722	.079289 .078891 .078489 .078080 .077667	.078235 .077844 .077447 .077044 .076637	.077207 .076821 .076429 .076033 .075632	.076203 .075822 .075437 .075046 .074650	.075223 .074847 .074467 .074082 .073692	.074265 .073895 .073520 .073140 .072756	.073329 .072964 .072594 .072221 .071842	.072414 .072055 .071690 .071322 .070949	.071521 .071166 .070807 .069943 .070443 .070076	.070647 .070297 .069943 .069584 .069222	.069792 .069447 .069098 .068745 .068388	.068956 .068616 .068272 .067924 .067572
- 4.5	.080475 .080030 .079579 .079123 .078660	.079372 .078934 .078491 .078041 .077586	.078297 .077866 .077429 .076987 .076539	.077248 .076823 .076393 .075958 .075518	.076224 .075806 .075383 .074955 .074521	.075225 .074814 .074397 .073975 .073549	.074250 .073845 .073434 .073019 .072599	.073298 .072899 .072495 .072086 .071673	.072368 .071975 .071577 .071175 .070768	.071459 .071072 .070680 .069414 .069884	.070572 .070190 .069804 .068564 .069020	.069704 .069328 .068948 .068564 .068176	.068856 .068486 .068111 .067733 .067351	.068027 .067662 .067293 .066921 .066544	.067216 .066856 .066493 .066126 .065756
- 4.0	.078192 .077718 .077237 .076751 .076260	.077126 .076659 .076187 .075709 .075226	.076086 .075627 .075163 .074693 .074218	.075072 .074621 .074164 .073703 .073236	.074083 .073639 .073190 .072736 .072277	.073117 .072681 .072239 .071793 .071341	.072175 .071745 .071311 .070872 .070428	.071255 .070832 .070405 .069973 .069537	.070356 .069941 .069520 .069096 .068667	.069479 .069070 .068656 .068238 .067817	.068621 .068219 .067812 .067401 .066986	.067784 .067387 .066987 .066583 .066174	.066965 .066575 .066181 .065783 .065381	.066164 .065780 .065392 .065001 .064605	.065381 .065003 .064621 .064236 .063847
- 3.5	.075762 .075259 .074750 .074235 .073715	.074737 .074243 .073743 .073238 .072728	.073738 .073252 .072762 .072265 .071764	.072764 .072286 .071804 .071317 .070825	.071813 .071344 .070870 .070392 .069909	.070885 .070425 .069959 .069489 .069014	.069980 .069527 .069070 .068608 .068142	.069096 .068651 .068202 .067748 .067290	.068233 .067796 .067354 .066908 .066458	.067390 .066960 .066526 .066088 .065645	.066567 .066144 .065717 .065286 .064851	.065762 .065346 .064926 .064503 .064076	.064976 .064566 .064154 .063737 .063317	.064207 .063804 .063398 .062989 .062576	.063455 .063059 .062659 .062257 .061851
- 3.0	.073190 .072659 .072123 .071582 .071036	.072212 .071691 .071165 .070634 .070098	.071258 .070747 .070231 .069710 .069185	.070328 .069826 .069320 .068809 .068293	.069421 .068928 .068431 .067930 .067424	.068535 .068052 .067564 .067072 .066575	.067671 .067196 .066717 .066234 .065747	.066828 .066361 .065891 .065417 .064938	.066004 .065546 .065084 .064618 .064149	.065199 .064749 .064295 .063838 .063377	.064413 .063971 .063525 .063076 .062623	.063645 .063210 .062772 .062331 .061887	.062894 .062467 .062037 .061603 .061166	.062159 .061740 .061317 .060891 .060462	.061442 .061029 .060613 .060195 .059773
- 2.5	.070484 .069928 .069367 .068802 .068232	.069558 .069013 .068463 .067909 .067351	.068655 .068120 .067581 .067038 .066491	.067773 .067249 .066721 .066189 .065652	.066914 .066400 .065882 .065360 .064834	.066075 .065571 .065062 .064550 .064035	.065256 .064761 .064263 .063760 .063255	.064456 .063971 .063482 .062989 .062493	.063676 .063199 .062719 .062236 .061749	.062913 .062445 .061974 .061499 .061022	.062167 .061708 .061245 .060780 .060311	.061439 .060988 .060534 .060077 .059617	.060726 .060284 .059838 .059389 .058938	.060030 .059595 .059157 .058716 .058273	.059349 .058921 .058491 .058059 .057623
- 2.0	.067658 .067080 .066498 .065912 .065322	.066788 .066222 .065652 .065078 .064501	.065940 .065385 .064826 .064264 .063699	.065112 .064568 .064021 .063470 .062917	.064304 .063771 .063235 .062696 .062153	.063516 .062993 .062468 .061939 .061407	.062746 .062234 .061718 .061200 .060679	.061994 .061492 .060986 .060478 .059967	.061259 .060767 .060271 .059773 .059272	.060542 .060058 .059572 .059084 .058592	.059840 .059366 .058889 .058410 .057928	.059154 .058689 .058221 .057751 .057278	.058483 .058027 .057568 .057106 .056642	.057827 .057379 .056928 .056475 .056020	.057186 .056745 .056303 .055858 .055412
- 1.5	.064729 .064133 .063533 .062931 .062326	.063920 .063336 .062749 .062160 .061568	.063130 .062559 .061984 .061407 .060828	.062360 .061800 .061238 .060673 .060105	.061607 .061059 .060508 .059955 .059400	.060873 .060336 .059796 .059254 .058710	.060155 .059629 .059100 .058569 .058036	.059454 .058938 .058420 .057900 .057377	.058769 .058263 .057755 .057245 .056733	.058099 .057603 .057105 .056605 .056103	.057444 .056958 .056469 .055979 .055487	.056803 .056326 .055847 .055367 .054884	.056176 .055709 .055239 .054767 .054294	.055563 .055104 .054643 .054181 .053717	.054963 .054513 .054060 .053606 .053151
- 1.0	.061719 .061109 .060497 .059883 .059268	.060974 .060377 .059778 .059178 .058576	.060246 .059662 .059077 .058489 .057900	.059536 .058964 .058391 .057816 .057240	.058842 .058282 .057721 .057158 .056594	.058164 .057616 .057066 .056515 .055963	.057501 .056964 .056426 .055886 .055345	.056853 .056327 .055800 .055271 .054741	.056220 .055704 .055188 .054670 .054150	.055600 .055095 .054588 .054081 .053572	.054994 .054499 .054002 .053505 .053006	.054400 .053915 .053428 .052940 .052451	.053820 .053344 .052866 .052388 .051909	.053251 .052784 .052316 .051847 .051377	.052694 .052236 .051777 .051317 .050856
- .5	.058652 .058034 .057415 .056796 .056176	.057973 .057369 .056764 .056158 .055552	.057310 .056719 .056127 .055534 .054941	.056662 .056084 .055504 .054924 .054344	.056029 .055463 .054895 .054328 .053760	.055409 .054855 .054300 .053744 .053188	.054803 .054260 .053717 .053173 .052628	.054210 .053679 .053146 .052613 .052080	.053630 .053109 .052588 .052065 .051543	.053062 .052552 .052041 .051529 .051017	.052506 .052006 .051505 .051004 .050502	.051962 .051471 .050980 .050489 .049997	.051428 .050947 .050466 .049984 .049502	.050906 .050434 .049962 .049489 .049017	.050394 .049931 .049468 .049005 .048541

A(r,z)

z	r	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
.0		.000000	.050000	.100000	.150000	.200000	.250000	.300000	.350000	.400000	.450000	.500000	.454545	.416667	.384615	.357143
		.000000	.045006	.089900	.134552	.178801	.222419	.265044	.306040	.344096	.375914	.392260	.384539	.365404	.344478	.324456
		.000000	.040160	.080110	.119617	.158390	.196038	.231979	.265289	.294390	.316589	.328234	.327944	.319300	.306817	.293149
		.000000	.035587	.070896	.105620	.139397	.171757	.202067	.229432	.252605	.270002	.280192	.282971	.279837	.272975	.264170
		.000000	.031379	.062441	.092847	.122208	.150053	.175800	.198720	.217953	.232616	.242102	.246447	.246427	.243214	.237941
.5		.000000	.027586	.054845	.081434	.106975	.131038	.153131	.172702	.189176	.202050	.211044	.216235	.218077	.217257	.214503
		.000000	.024223	.048130	.071396	.093672	.114587	.133741	.150724	.165149	.176713	.185274	.190904	.193887	.194656	.193690
		.000000	.021278	.042265	.062662	.082164	.100455	.117217	.132143	.144963	.155484	.163626	.169445	.173127	.174955	.175258
		.000000	.018722	.037182	.055117	.072263	.088356	.103143	.116389	.127901	.137545	.145271	.151117	.155210	.157742	.158942
		.000000	.016513	.032797	.048623	.063766	.078006	.091140	.102985	.113397	.122277	.129589	.135358	.139670	.142659	.144487
1.0		.000000	.014612	.029025	.043044	.056477	.069144	.080878	.091535	.101001	.109201	.116105	.121729	.126130	.129403	.131664
		.000000	.012975	.025779	.038248	.050218	.061540	.072076	.081711	.090353	.097941	.104448	.109882	.114283	.117717	.120268
		.000000	.011565	.022985	.034119	.044832	.054997	.064500	.073247	.081162	.088194	.094319	.099538	.103877	.107383	.110119
		.000000	.010348	.020574	.030557	.040184	.049348	.057954	.065924	.073193	.079718	.085477	.090467	.094704	.098220	.101062
		.000000	.009296	.018488	.027475	.036159	.044453	.052276	.059560	.066253	.072316	.077727	.082482	.086589	.090071	.092962
1.5		.000000	.008383	.016677	.024798	.032663	.040196	.047330	.054008	.060183	.065823	.070907	.075426	.079387	.082804	.085701
		.000000	.007588	.015100	.022465	.029613	.036478	.043005	.049144	.054854	.060106	.064882	.069171	.072975	.076305	.079177
		.000000	.006893	.013722	.020425	.026942	.033220	.039209	.044866	.050156	.055054	.059540	.063606	.067251	.070479	.073304
		.000000	.006283	.012512	.018633	.024596	.030353	.035864	.041089	.046000	.050572	.054789	.058641	.062124	.065242	.068003
		.000000	.005746	.011446	.017054	.022526	.027821	.032905	.037743	.042310	.046584	.050549	.054196	.057521	.060523	.063210
2.0		.000000	.005272	.010504	.015657	.020693	.025577	.030278	.034767	.039022	.043022	.046753	.050206	.053376	.056261	.058866
		.000000	.004851	.009668	.014416	.019064	.023580	.027938	.032113	.036083	.039831	.043345	.046614	.049634	.052403	.054922
		.000000	.004477	.008923	.013311	.017611	.021798	.025847	.029736	.033447	.036964	.040276	.043372	.046248	.048901	.051332
		.000000	.004142	.008258	.012323	.016312	.020202	.023972	.027602	.031077	.034381	.037505	.040438	.043177	.045717	.048058
		.000000	.003842	.007662	.011437	.015146	.018768	.022285	.025680	.028938	.032047	.034996	.037777	.040384	.042815	.045068
2.5		.000000	.003573	.007126	.010640	.014096	.017476	.020763	.023944	.027004	.029932	.032718	.035356	.037839	.040165	.042330
		.000000	.003330	.006642	.009920	.013147	.016308	.019387	.022371	.025250	.028011	.030646	.033150	.035515	.037739	.039820
		.000000	.003110	.006205	.009269	.012289	.015249	.018138	.020943	.023654	.026261	.028757	.031134	.033388	.035515	.037513
		.000000	.002911	.005808	.008678	.011509	.014287	.017002	.019643	.022200	.024665	.027029	.029289	.031437	.033472	.035390
		.000000	.002729	.005447	.008140	.010799	.013411	.015967	.018456	.020871	.023204	.025447	.027596	.029645	.031592	.033433
3.0		.000000	.002564	.005117	.007650	.010151	.012611	.015020	.017371	.019654	.021864	.023995	.026040	.027995	.029858	.031625
		.000000	.002413	.004816	.007201	.009558	.011878	.014153	.016375	.018538	.020634	.022659	.024606	.026473	.028257	.029953
		.000000	.002275	.004541	.006790	.009014	.011206	.013357	.015461	.017511	.019501	.021427	.023284	.025068	.026775	.028404
		.000000	.002148	.004287	.006412	.008515	.010588	.012624	.014618	.016564	.018457	.020290	.022061	.023767	.025403	.026967
		.000000	.002031	.004054	.006065	.008055	.010018	.011949	.013842	.015691	.017491	.019239	.020930	.022561	.024129	.025632
3.5		.000000	.001923	.003839	.005744	.007630	.009492	.011325	.013124	.014882	.016597	.018264	.019880	.021441	.022945	.024389
		.000000	.001823	.003641	.005447	.007238	.009006	.010748	.012459	.014134	.015769	.017360	.018905	.020400	.021842	.023231
		.000000	.001731	.003457	.005173	.006874	.008556	.010213	.011842	.013438	.014999	.016520	.017997	.019430	.020815	.022150
		.000000	.001646	.003286	.004918	.006537	.008137	.009716	.011269	.012792	.014283	.015737	.017152	.018526	.019856	.021140
		.000000	.001566	.003128	.004682	.006223	.007749	.009254	.010736	.012191	.013615	.015007	.016363	.017681	.018959	.020195
4.0		.000000	.001492	.002981	.004462	.005931	.007387	.008823	.010239	.011630	.012993	.014326	.015626	.016892	.018120	.019310
		.000000	.001423	.002843	.004256	.005659	.007049	.008422	.009775	.011106	.012411	.013689	.014937	.016152	.017334	.018480
		.000000	.001359	.002715	.004065	.005405	.006733	.008046	.009341	.010616	.011867	.013092	.014290	.015459	.016597	.017701
		.000000	.001299	.002595	.003886	.005168	.006438	.007695	.008935	.010157	.011357	.012533	.013684	.014809	.015904	.016969
		.000000	.001243	.002483	.003718	.004945	.006162	.007366	.008555	.009726	.010878	.012008	.013115	.014197	.015252	.016279
4.5		.000000	.001190	.002378	.003561	.004737	.005903	.007057	.008198	.009322	.010429	.011515	.012580	.013622	.014639	.015630
		.000000	.001141	.002279	.003413	.004541	.005660	.006767	.007862	.008943	.010006	.011051	.012076	.013080	.014061	.015018
		.000000	.001094	.002187	.003275	.004357	.005431	.006495	.007547	.008585	.009608	.010614	.011602	.012569	.013516	.014440
		.000000	.001051	.002099	.003144	.004184	.005215	.006238	.007250	.008248	.009233	.010202	.011154	.012087	.013001	.013894
		.000000	.001010	.002017	.003021	.004020	.005013	.005996	.006969	.007931	.008879	.009813	.010731	.011632	.012514	.013377

		A(r,z)														
z	r	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
.0		.333333	.312500	.294118	.277778	.263158	.250000	.238095	.227273	.217391	.208333	.200000	.192308	.185185	.178571	.172414
		.306008	.289216	.273983	.260160	.247590	.236130	.225650	.216036	.207191	.199028	.191474	.184466	.177946	.171867	.166186
		.279529	.266490	.254236	.242821	.232230	.222419	.213328	.204897	.197069	.189787	.183002	.176668	.170744	.165194	.159986
		.254557	.244787	.235212	.226011	.217268	.209012	.201245	.193949	.187100	.180671	.174633	.168956	.163615	.158583	.153838
		.231480	.224428	.217166	.209930	.202861	.196038	.189503	.183274	.177354	.171738	.166415	.161372	.156593	.152063	.147767
.5		.210448	.205582	.200258	.194719	.189129	.183595	.178185	.172942	.167888	.163036	.158390	.153949	.149708	.145660	.141798
		.191445	.188304	.184567	.180462	.176153	.171757	.167357	.163009	.158751	.154608	.150595	.146721	.142988	.139399	.135950
		.174363	.172564	.170108	.167194	.163975	.160569	.157062	.153517	.149981	.146488	.143060	.139713	.136457	.133299	.130242
		.159047	.158283	.156849	.154913	.152611	.150053	.147325	.144492	.141604	.138700	.135807	.132946	.130133	.127379	.124690
		.145330	.145358	.144732	.143590	.142051	.140214	.138158	.135949	.133636	.131260	.128852	.126437	.124032	.121652	.119307
1.0		.133044	.133675	.133682	.133180	.132270	.131038	.129559	.127891	.126084	.124179	.122208	.120196	.118164	.116129	.114102
		.122035	.123118	.123618	.123627	.123232	.122506	.121515	.120314	.118949	.117460	.115878	.114230	.112537	.110817	.109083
		.112158	.113578	.114457	.114872	.114894	.114587	.114008	.113206	.112225	.111101	.109864	.108542	.107155	.105721	.104256
		.103286	.104950	.106119	.106853	.107212	.107249	.107014	.106552	.105901	.105095	.104163	.103130	.102018	.100844	.099623
		.095303	.097142	.098528	.099510	.100137	.100455	.100508	.100332	.099964	.099434	.098769	.097992	.097125	.096184	.095184
1.5		.088110	.090067	.091612	.092784	.093624	.094170	.094459	.094524	.094397	.094105	.093672	.093121	.092471	.091739	.090939
		.081616	.083648	.085306	.086621	.087627	.088356	.088840	.089106	.089183	.089094	.088863	.088510	.088053	.087506	.086886
		.075742	.077816	.079551	.080971	.082105	.082980	.083621	.084054	.084302	.084387	.084331	.084150	.083862	.083481	.083020
		.070421	.072511	.074293	.075788	.077018	.078006	.078774	.079344	.079736	.079969	.080062	.080030	.079890	.079655	.079338
		.065590	.067676	.069483	.071028	.072329	.073404	.074274	.074955	.075465	.075823	.076043	.076141	.076131	.076024	.075833
2.0		.061197	.063264	.065078	.066652	.068003	.069144	.070092	.070863	.071472	.071934	.072263	.072472	.072574	.072580	.072501
		.057195	.059231	.061038	.062626	.064009	.065198	.066207	.067049	.067738	.068287	.068707	.069011	.069210	.069314	.069334
		.053543	.055539	.057327	.058917	.060318	.061540	.062594	.063492	.064246	.064866	.065363	.065747	.066030	.066220	.066326
		.050203	.052153	.053916	.055497	.056904	.058147	.059234	.060174	.060979	.061657	.062217	.062670	.063025	.063288	.063470
		.047143	.049044	.050774	.052338	.053744	.054997	.056105	.057077	.057922	.058646	.059260	.059770	.060185	.060512	.060759
2.5		.044336	.046184	.047877	.049419	.050814	.052070	.053191	.054185	.055060	.055821	.056477	.057035	.057501	.057883	.058187
		.041756	.043550	.045202	.046716	.048097	.049348	.050474	.051483	.052379	.053169	.053859	.054456	.054965	.055393	.055746
		.039381	.041119	.042729	.044212	.045573	.046814	.047940	.048956	.049867	.050678	.051395	.052024	.052569	.053036	.053431
		.037191	.038873	.040439	.041889	.043226	.044453	.045573	.046592	.047512	.048338	.049076	.049729	.050304	.050803	.051234
		.035167	.036795	.038316	.039731	.041042	.042251	.043362	.044378	.045302	.046138	.046891	.047564	.048162	.048689	.049149
3.0		.033296	.034869	.036345	.037723	.039006	.040196	.041294	.042303	.043227	.044069	.044832	.045520	.046137	.046686	.047171
		.031562	.033082	.034512	.035854	.037108	.038275	.039358	.040358	.041278	.042122	.042891	.043590	.044221	.044787	.045293
		.029953	.031421	.032807	.034112	.035335	.036478	.037544	.038532	.039446	.040288	.041060	.041766	.042407	.042988	.043510
		.028459	.029876	.031218	.032485	.033678	.034797	.035842	.036817	.037722	.038560	.039332	.040042	.040691	.041282	.041818
		.027068	.028436	.029735	.030966	.032127	.033220	.034246	.035205	.036100	.036931	.037701	.038412	.039065	.039664	.040210
3.5		.025772	.027093	.028350	.029544	.030675	.031742	.032746	.033689	.034571	.035394	.036159	.036869	.037525	.038128	.038682
		.024563	.025838	.027055	.028213	.029313	.030353	.031336	.032261	.033130	.033943	.034702	.035409	.036065	.036671	.037230
		.023434	.024665	.025842	.026965	.028034	.029049	.030009	.030916	.031770	.032572	.033324	.034026	.034680	.035287	.035849
		.022377	.023566	.024705	.025794	.026833	.027821	.028759	.029648	.030486	.031277	.032019	.032715	.033366	.033972	.034536
		.021388	.022536	.023638	.024694	.025703	.026666	.027582	.028451	.029273	.030051	.030784	.031472	.032118	.032723	.033287
4.0		.020460	.021569	.022636	.023660	.024640	.025577	.026470	.027320	.028127	.028891	.029613	.030293	.030934	.031535	.032097
		.019590	.020661	.021693	.022686	.023638	.024550	.025421	.026251	.027042	.027792	.028502	.029174	.029808	.030404	.030964
		.018772	.019807	.020806	.021768	.022693	.023580	.024430	.025241	.026014	.026750	.027449	.028111	.028737	.029328	.029885
		.018002	.019003	.019970	.020903	.021801	.022664	.023492	.024284	.025041	.025762	.026449	.027101	.027719	.028304	.028856
		.017277	.018245	.019182	.020086	.020959	.021798	.022605	.023378	.024118	.024825	.025499	.026140	.026750	.027328	.027875
4.5		.016594	.017530	.018437	.019315	.020162	.020978	.021764	.022519	.023242	.023934	.024596	.025227	.025827	.026398	.026939
		.015950	.016855	.017734	.018585	.019408	.020202	.020967	.021703	.022410	.023088	.023737	.024357	.024948	.025511	.026046
		.015341	.016217	.017069	.017894	.018693	.019466	.020212	.020930	.021620	.022284	.022919	.023528	.024110	.024664	.025193
		.014765	.015614	.016439	.017240	.018016	.018768	.019494	.020195	.020869	.021518	.022141	.022738	.023310	.023857	.024378
		.014220	.015042	.015842	.016620	.017374	.018105	.018813	.019496	.020155	.020789	.021400	.021986	.022547	.023085	.023600

		A(r,z)															
r	z	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	
.0		.166667	.161290	.156250	.151515	.147059	.142857	.138889	.135135	.131579	.128205	.125000	.121951	.119048	.116279	.113636	
		.160866	.155873	.151180	.146758	.142587	.138646	.134915	.131380	.128024	.124834	.121800	.118909	.116152	.113519	.111003	
		.155088	.150476	.146126	.142017	.138129	.134446	.130952	.127633	.124477	.121471	.118606	.115872	.113261	.110764	.108374	
		.149356	.145119	.141107	.137305	.133697	.130269	.127009	.123905	.120946	.118123	.115426	.112848	.110381	.108018	.105753	
		.143691	.139819	.136139	.132638	.129304	.126127	.123097	.120204	.117439	.114796	.112265	.109841	.107517	.105287	.103146	
.5		.138112	.134595	.131236	.128028	.124962	.122030	.119225	.116538	.113965	.111497	.109130	.106857	.104674	.102575	.100556	
		.132639	.129462	.126414	.123489	.120682	.117988	.115401	.112917	.110529	.108234	.106026	.103902	.101856	.099886	.097987	
		.127288	.124436	.121685	.119032	.116475	.114010	.111635	.109346	.107139	.105012	.102960	.100980	.099069	.097225	.095443	
		.122073	.119529	.117060	.114667	.112349	.110105	.107934	.105834	.103802	.101836	.099935	.098096	.096317	.094595	.092928	
		.117005	.114751	.112550	.110404	.108314	.106281	.104305	.102385	.100522	.098713	.096958	.095256	.093604	.092001	.090446	
1.0		.112094	.110112	.108163	.106249	.104375	.102543	.100753	.099007	.097305	.095647	.094033	.092462	.090933	.089446	.087999	
		.107348	.105619	.103905	.102211	.100540	.098897	.097285	.095704	.094156	.092642	.091163	.089718	.088308	.086932	.085590	
		.102771	.101277	.099782	.098292	.096813	.095349	.093904	.092479	.091078	.089702	.088352	.087028	.085732	.084463	.083222	
		.098368	.097090	.095797	.094498	.093198	.091902	.090614	.089337	.088075	.086830	.085603	.084395	.083208	.082042	.080897	
		.094139	.093059	.091954	.090831	.089697	.088558	.087417	.086280	.085150	.084028	.082918	.081820	.080737	.079669	.078618	
1.5		.090084	.089185	.088252	.087292	.086312	.085319	.084317	.083311	.082304	.081299	.080299	.079306	.078322	.077348	.076386	
		.086203	.085469	.084692	.083882	.083045	.082187	.081314	.080430	.079539	.078644	.077749	.076855	.075965	.075080	.074203	
		.082492	.081907	.081274	.080601	.079895	.079163	.078409	.077639	.076856	.076065	.075268	.074467	.073666	.072866	.072069	
		.078949	.078498	.077995	.077447	.076862	.076245	.075602	.074938	.074256	.073561	.072856	.072144	.071427	.070707	.069987	
		.075569	.075239	.074854	.074420	.073944	.073434	.072893	.072326	.071739	.071134	.070516	.069886	.069248	.068604	.067956	
2.0		.072347	.072126	.071846	.071516	.071141	.070727	.070280	.069804	.069304	.068784	.068246	.067694	.067130	.066557	.065978	
		.069278	.069154	.068970	.068733	.068449	.068124	.067763	.067371	.066952	.066509	.066046	.065566	.065073	.064567	.064051	
		.066356	.066319	.066220	.066068	.065866	.065622	.065340	.065025	.064680	.064309	.063917	.063504	.063076	.062633	.062178	
		.063577	.063616	.063594	.063517	.063390	.063220	.063010	.062765	.062488	.062184	.061856	.061507	.061139	.060755	.060357	
		.060933	.061040	.061086	.061077	.061018	.060914	.060769	.060588	.060375	.060132	.059864	.059573	.059262	.058933	.058588	
2.5		.058419	.058586	.058692	.058743	.058745	.058701	.058616	.058494	.058338	.058152	.057940	.057702	.057444	.057166	.056871	
		.056029	.056248	.056408	.056513	.056569	.056579	.056548	.056480	.056377	.056243	.056081	.055894	.055684	.055454	.055205	
		.053758	.054022	.054229	.054383	.054487	.054546	.054563	.054543	.054488	.054402	.054287	.054146	.053981	.053795	.053590	
		.051599	.051903	.052151	.052347	.052494	.052597	.052658	.052682	.052671	.052628	.052556	.052457	.052334	.052190	.052025	
		.049546	.049885	.050169	.050402	.050588	.050730	.050831	.050894	.050923	.050919	.050887	.050827	.050743	.050636	.050508	
3.0		.047596	.047964	.048279	.048545	.048765	.048941	.049077	.049177	.049241	.049274	.049277	.049253	.049205	.049133	.049040	
		.045741	.046135	.046477	.046772	.047021	.047228	.047396	.047527	.047625	.047690	.047726	.047735	.047719	.047679	.047618	
		.043978	.044393	.044759	.045078	.045353	.045588	.045784	.045944	.046070	.046165	.046231	.046270	.046284	.046274	.046243	
		.042301	.042734	.043119	.043460	.043759	.044017	.044238	.044424	.044576	.044698	.044791	.044857	.044898	.044916	.044912	
		.040706	.041154	.041556	.041915	.042233	.042513	.042756	.042964	.043141	.043287	.043404	.043495	.043561	.043604	.043625	
3.5		.039188	.039648	.040064	.040439	.040774	.041072	.041335	.041564	.041761	.041929	.042068	.042182	.042270	.042336	.042380	
		.037744	.038213	.038641	.039029	.039379	.039693	.039972	.040219	.040435	.040622	.040782	.040916	.041025	.041112	.041177	
		.036368	.036846	.037283	.037682	.038044	.038372	.038666	.038928	.039161	.039366	.039543	.039695	.039823	.039929	.040014	
		.035059	.035542	.035986	.036394	.036767	.037106	.037413	.037689	.037937	.038157	.038350	.038519	.038664	.038787	.038889	
		.033811	.034298	.034748	.035163	.035545	.035894	.036212	.036500	.036760	.036994	.037202	.037385	.037546	.037685	.037803	
4.0		.032622	.033111	.033566	.033986	.034375	.034732	.035059	.035358	.035629	.035875	.036096	.036292	.036467	.036620	.036753	
		.031489	.031979	.032436	.032861	.033255	.033619	.033954	.034261	.034543	.034799	.035030	.035239	.035426	.035592	.035738	
		.030408	.030898	.031356	.031784	.032182	.032551	.032893	.033208	.033498	.033763	.034005	.034224	.034422	.034600	.034758	
		.029376	.029865	.030324	.030754	.031155	.031528	.031875	.032197	.032494	.032767	.033017	.033246	.033454	.033642	.033811	
		.028392	.028879	.029337	.029768	.030171	.030547	.030899	.031225	.031528	.031808	.032066	.032303	.032519	.032717	.032895	
4.5		.027452	.027936	.028393	.028823	.029228	.029606	.029961	.030292	.030599	.030885	.031150	.031394	.031618	.031823	.032011	
		.026554	.027035	.027490	.027919	.028323	.028704	.029060	.029394	.029706	.029997	.030267	.030517	.030748	.030961	.031156	
		.025696	.026173	.026625	.027053	.027457	.027837	.028196	.028532	.028847	.029142	.029416	.029672	.029909	.030128	.030330	
		.024875	.025348	.025797	.026222	.026625	.027006	.027365	.027703	.028020	.028318	.028597	.028857	.029099	.029324	.029532	
		.024090	.024558	.025003	.025426	.025827	.026207	.026566	.026905	.027225	.027525	.027807	.028071	.028317	.028547	.028760

		A(r,z)														
z	r	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
.0		.111111	.108696	.106383	.104167	.102041	.100000	.098039	.096154	.094340	.092593	.090909	.089286	.087719	.086207	.084746
		.108595	.106290	.104081	.101961	.099925	.097970	.096089	.094279	.092536	.090856	.089236	.087672	.086163	.084704	.083294
		.106084	.103888	.101781	.099758	.097813	.095942	.094141	.092406	.090734	.089121	.087564	.086060	.084607	.083202	.081843
		.103580	.101494	.099489	.097561	.095706	.093919	.092198	.090538	.088936	.087389	.085895	.084451	.083055	.081704	.080395
		.101088	.099110	.097206	.095373	.093607	.091904	.090262	.088676	.087144	.085654	.084232	.082848	.081507	.080209	.078951
.5		.098612	.096741	.094937	.093198	.091520	.089900	.088335	.086823	.085360	.083945	.082576	.081250	.079965	.078720	.077512
		.096156	.094389	.092684	.091037	.089446	.087908	.086420	.084980	.083586	.082236	.080928	.079660	.078431	.077238	.076080
		.093722	.092059	.090450	.088894	.087388	.085930	.084518	.083150	.081824	.080538	.079291	.078080	.076905	.075764	.074655
		.091315	.089752	.088238	.086771	.085349	.083970	.082633	.081335	.080076	.078853	.077665	.076511	.075389	.074299	.073239
		.088937	.087473	.086051	.084671	.083331	.082030	.080765	.079537	.078342	.077181	.076052	.074954	.073885	.072845	.071833
1.0		.086591	.085223	.083891	.082596	.081336	.080110	.078917	.077756	.076626	.075526	.074454	.073411	.072394	.071403	.070437
		.084281	.083005	.081761	.080548	.079366	.078214	.077091	.075996	.074928	.073887	.072872	.071882	.070916	.069974	.069055
		.082008	.080822	.079663	.078530	.077424	.076343	.075288	.074257	.073251	.072268	.071307	.070370	.069454	.068559	.067685
		.079775	.078675	.077598	.076543	.075510	.074499	.073509	.072541	.071594	.070667	.069761	.068875	.068007	.067159	.066329
		.077584	.076567	.075569	.074588	.073626	.072682	.071757	.070849	.069960	.069088	.068234	.067398	.066578	.065775	.064988
1.5		.075436	.074500	.073577	.072668	.071774	.070896	.070032	.069183	.068350	.067531	.066728	.065940	.065166	.064408	.063663
		.073333	.072473	.071623	.070784	.069956	.069139	.068335	.067543	.066764	.065998	.065244	.064502	.063774	.063058	.062355
		.071277	.070490	.069709	.068936	.068171	.067415	.066668	.065931	.065204	.064488	.063782	.063086	.062401	.061727	.061064
		.069267	.068550	.067836	.067126	.066422	.065723	.065032	.064348	.063671	.063003	.062343	.061691	.061049	.060415	.059790
		.067306	.066654	.066003	.065354	.064708	.064065	.063427	.062793	.062165	.061543	.060928	.060319	.059717	.059123	.058536
2.0		.065393	.064804	.064213	.063622	.063031	.062441	.061853	.061268	.060687	.060110	.059537	.058970	.058407	.057851	.057300
		.063528	.062999	.062466	.061929	.061391	.060851	.060312	.059774	.059237	.058703	.058172	.057644	.057120	.056600	.056084
		.061713	.061240	.060761	.060276	.059788	.059297	.058804	.058310	.057816	.057323	.056831	.056342	.055854	.055370	.054888
		.059947	.059527	.059099	.058664	.058223	.057777	.057328	.056877	.056424	.055971	.055517	.055064	.054612	.054161	.053713
		.058230	.057860	.057480	.057091	.056695	.056293	.055886	.055476	.055062	.054646	.054229	.053811	.053393	.052975	.052558
2.5		.056561	.056238	.055903	.055559	.055205	.054845	.054478	.054106	.053729	.053349	.052967	.052583	.052197	.051810	.051424
		.054941	.054661	.054370	.054065	.053753	.053432	.053103	.052767	.052426	.052081	.051732	.051379	.051025	.050668	.050311
		.053368	.053130	.052878	.052614	.052339	.052054	.051761	.051460	.051153	.050840	.050522	.050201	.049876	.049549	.049219
		.051842	.051642	.051428	.051201	.050961	.050711	.050450	.050184	.049909	.049627	.049340	.049048	.048751	.048451	.048149
		.050362	.050198	.050019	.049826	.049621	.049404	.049176	.048940	.048695	.048442	.048184	.047920	.047650	.047377	.047100
3.0		.048927	.048798	.048651	.048491	.048317	.048130	.047933	.047726	.047510	.047286	.047054	.046816	.046573	.046325	.046072
		.047538	.047439	.047323	.047193	.047048	.046891	.046722	.046543	.046354	.046156	.045951	.045738	.045519	.045295	.045066
		.046191	.046122	.046035	.045932	.045815	.045685	.045543	.045390	.045227	.045054	.044873	.044685	.044489	.044288	.044081
		.044888	.044845	.044785	.044708	.044617	.044513	.044396	.044267	.044128	.043979	.043821	.043656	.043483	.043303	.043117
		.043626	.043608	.043572	.043520	.043454	.043373	.043279	.043174	.043057	.042931	.042795	.042651	.042499	.042340	.042174
3.5		.042404	.042409	.042396	.042367	.042323	.042265	.042193	.042110	.042015	.041909	.041794	.041670	.041538	.041399	.041252
		.041222	.041248	.041257	.041249	.041226	.041188	.041137	.041074	.040999	.040914	.040818	.040713	.040600	.040479	.040351
		.040078	.040124	.040152	.040164	.040160	.040142	.040111	.040066	.040010	.039944	.039866	.039780	.039685	.039581	.039470
		.038972	.039036	.039082	.039112	.039126	.039126	.039113	.039086	.039048	.038999	.038939	.038870	.038791	.038704	.038610
		.037902	.037982	.038045	.038092	.038123	.038140	.038143	.038133	.038111	.038079	.038035	.037982	.037920	.037848	.037769
4.0		.036867	.036962	.037040	.037103	.037149	.037182	.037200	.037206	.037200	.037183	.037155	.037117	.037069	.037013	.036949
		.035866	.035975	.036067	.036144	.036205	.036252	.036285	.036305	.036314	.036311	.036297	.036273	.036240	.036198	.036147
		.034898	.035020	.035125	.035214	.035289	.035349	.035396	.035430	.035451	.035462	.035462	.035451	.035431	.035403	.035365
		.033961	.034095	.034212	.034314	.034400	.034473	.034532	.034579	.034613	.034636	.034648	.034651	.034643	.034627	.034602
		.033056	.033200	.033328	.033441	.033539	.033623	.033693	.033751	.033798	.033832	.033857	.033871	.033875	.033870	.033857
4.5		.032181	.032334	.032472	.032595	.032703	.032797	.032879	.032948	.033005	.033051	.033086	.033111	.033126	.033132	.033130
		.031334	.031497	.031643	.031775	.031893	.031997	.032088	.032167	.032234	.032290	.032335	.032371	.032396	.032413	.032421
		.030516	.030686	.030840	.030981	.031107	.031220	.031320	.031408	.031485	.031550	.031605	.031650	.031686	.031712	.031730
		.029724	.029901	.030063	.030211	.030345	.030466	.030575	.030671	.030756	.030831	.030895	.030948	.030993	.031028	.031055
		.028958	.029141	.029310	.029465	.029606	.029734	.029851	.029955	.030048	.030131	.030203	.030265	.030318	.030362	.030397

		A(r,z)														
r	z	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
.0		.083333	.081967	.080645	.079365	.078125	.076923	.075758	.074627	.073529	.072464	.071429	.070423	.069444	.068493	.067568
		.081930	.080610	.079332	.078093	.076893	.075729	.074600	.073504	.072439	.071405	.070400	.069423	.068473	.067548	.066648
		.080528	.079254	.078019	.076823	.075662	.074536	.073443	.072381	.071350	.070348	.069373	.068425	.067502	.066604	.065729
		.079128	.077900	.076709	.075554	.074433	.073345	.072288	.071261	.070262	.069291	.068347	.067427	.066532	.065661	.064812
		.077732	.076549	.075402	.074288	.073207	.072156	.071135	.070142	.069176	.068237	.067322	.066432	.065564	.064719	.063895
.5		.076341	.075203	.074099	.073027	.071984	.070971	.069985	.069027	.068094	.067185	.066300	.065439	.064599	.063780	.062981
		.074955	.073863	.072802	.071770	.070766	.069790	.068840	.067915	.067014	.066137	.065282	.064448	.063636	.062843	.062070
		.073577	.072529	.071510	.070519	.069554	.068614	.067699	.066808	.065929	.065093	.064267	.063462	.062676	.061910	.061161
		.072207	.071203	.070226	.069274	.068348	.067444	.066564	.065706	.064869	.064053	.063257	.062480	.061721	.060980	.060256
		.070846	.069886	.068950	.068038	.067149	.066281	.065436	.064610	.063805	.063019	.062252	.061502	.060770	.060054	.059355
1.0		.069496	.068578	.067683	.066810	.065958	.065126	.064314	.063521	.062747	.061991	.061252	.060530	.059824	.059134	.058459
		.068157	.067281	.066426	.065591	.064775	.063979	.063200	.062440	.061696	.060969	.060258	.059563	.058883	.058218	.057567
		.066830	.065996	.065180	.064382	.063603	.062840	.062095	.061366	.060652	.059954	.059272	.058603	.057949	.057308	.056681
		.065517	.064723	.063945	.063185	.062440	.061712	.060999	.060300	.059617	.058948	.058292	.057650	.057021	.056404	.055800
		.064218	.063463	.062723	.061999	.061289	.060593	.059912	.059244	.058590	.057949	.057320	.056704	.056100	.055507	.054926
1.5		.062933	.062217	.061514	.060825	.060149	.059486	.058836	.058198	.057572	.056959	.056356	.055766	.055186	.054617	.054059
		.061664	.060985	.060319	.059664	.059021	.058390	.057770	.057162	.056564	.055977	.055401	.054835	.054280	.053734	.053198
		.060411	.059769	.059138	.058517	.057906	.057306	.056716	.056136	.055566	.055006	.054455	.053914	.053382	.052859	.052345
		.059175	.058569	.057972	.057384	.056805	.056235	.055674	.055122	.054579	.054045	.053519	.053002	.052493	.051992	.051499
		.057957	.057385	.056821	.056265	.055717	.055177	.054644	.054120	.053603	.053094	.052592	.052099	.051612	.051133	.050662
2.0		.056756	.056218	.055686	.055161	.054643	.054132	.053627	.053129	.052638	.052154	.051676	.051205	.050741	.050284	.049833
		.055574	.055068	.054568	.054073	.053584	.053101	.052623	.052151	.051685	.051225	.050770	.050322	.049879	.049443	.049012
		.054411	.053937	.053467	.053001	.052540	.052084	.051632	.051185	.050744	.050307	.049875	.049449	.049028	.048611	.048201
		.053267	.052823	.052383	.051945	.051512	.051082	.050655	.050233	.049815	.049401	.048992	.048587	.048186	.047790	.047398
		.052142	.051728	.051316	.050906	.050499	.050094	.049692	.049294	.048899	.048507	.048119	.047735	.047354	.046978	.046605
2.5		.051037	.050651	.050267	.049883	.049501	.049122	.048744	.048369	.047996	.047626	.047259	.046895	.046534	.046176	.045821
		.049952	.049594	.049235	.048878	.048520	.048164	.047810	.047457	.047106	.046757	.046410	.046065	.045723	.045384	.045047
		.048888	.048555	.048222	.047889	.047556	.047223	.046891	.046559	.046229	.045900	.045573	.045248	.044924	.044603	.044284
		.047843	.047536	.047227	.046918	.046607	.046297	.045986	.045676	.045367	.045057	.044749	.044442	.044136	.043832	.043530
		.046819	.046536	.046251	.045964	.045676	.045386	.045097	.044806	.044516	.044226	.043936	.043647	.043359	.043072	.042786
3.0		.045815	.045555	.045293	.045028	.044761	.044492	.044222	.043951	.043680	.043408	.043137	.042865	.042594	.042323	.042053
		.044832	.044594	.044353	.044109	.043862	.043613	.043363	.043111	.042858	.042604	.042350	.042095	.041840	.041585	.041330
		.043868	.043652	.043431	.043207	.042980	.042751	.042519	.042285	.042050	.041813	.041575	.041336	.041097	.040858	.040618
		.042925	.042729	.042528	.042324	.042115	.041904	.041690	.041474	.041255	.041035	.040813	.040590	.040366	.040142	.039917
		.042002	.041825	.041643	.041457	.041267	.041073	.040876	.040677	.040474	.040270	.040064	.039856	.039647	.039437	.039226
3.5		.041099	.040941	.040777	.040608	.040435	.040258	.040078	.039894	.039708	.039519	.039327	.039134	.038939	.038743	.038545
		.040216	.040075	.039928	.039776	.039620	.039459	.039294	.039126	.038955	.038781	.038604	.038425	.038243	.038061	.037876
		.039352	.039228	.039098	.038962	.038821	.038676	.038526	.038373	.038216	.038056	.037893	.037727	.037559	.037389	.037217
		.038508	.038400	.038285	.038164	.038039	.037908	.037773	.037634	.037491	.037344	.037194	.037042	.036887	.036729	.036569
		.037683	.037590	.037490	.037384	.037272	.037156	.037034	.036909	.036779	.036645	.036509	.036368	.036226	.036080	.035932
4.0		.036877	.036798	.036712	.036620	.036522	.036419	.036311	.036198	.036081	.035960	.035835	.035707	.035576	.035442	.035306
		.036089	.036024	.035951	.035872	.035788	.035697	.035602	.035501	.035397	.035287	.035175	.035058	.034938	.034816	.034690
		.035320	.035267	.035208	.035141	.035069	.034991	.034907	.034819	.034725	.034628	.034526	.034421	.034312	.034200	.034085
		.034569	.034528	.034481	.034426	.034366	.034299	.034227	.034150	.034068	.033981	.033890	.033795	.033697	.033595	.033490
		.033836	.033806	.033770	.033727	.033678	.033622	.033561	.033494	.033423	.033347	.033266	.033182	.033093	.033001	.032906
4.5		.033120	.033101	.033076	.033044	.033005	.032960	.032909	.032853	.032791	.032725	.032655	.032580	.032501	.032418	.032332
		.032421	.032413	.032398	.032375	.032347	.032312	.032271	.032224	.032173	.032116	.032055	.031989	.031920	.031846	.031769
		.031739	.031741	.031735	.031722	.031703	.031677	.031646	.031609	.031566	.031519	.031467	.031410	.031349	.031284	.031216
		.031074	.031084	.031088	.031084	.031074	.031057	.031035	.031006	.030973	.030934	.030890	.030842	.030790	.030733	.030673
		.030424	.030444	.030456	.030461	.030459	.030451	.030437	.030417	.030391	.030361	.030325	.030285	.030241	.030192	.030140

		A(r,z)														
r	z	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
.0		.066667	.065789	.064935	.064103	.063291	.062500	.061728	.060976	.060241	.059524	.058824	.058140	.057471	.056818	.056180
		.065772	.064918	.064086	.063276	.062485	.061714	.060962	.060228	.059511	.058811	.058128	.057460	.056807	.056169	.055546
		.064878	.064047	.063238	.062449	.061680	.060929	.060196	.059480	.058782	.058099	.057433	.056781	.056144	.055521	.054912
		.063984	.063178	.062391	.061624	.060875	.060144	.059431	.058734	.058053	.057388	.056738	.056102	.055481	.054873	.054278
		.063092	.062309	.061545	.060799	.060071	.059361	.058666	.057988	.057325	.056677	.056044	.055425	.054819	.054226	.053645
.5		.062202	.061442	.060701	.059977	.059269	.058578	.057903	.057244	.056599	.055968	.055351	.054748	.054157	.053579	.053014
		.061315	.060578	.059859	.059156	.058469	.057798	.057142	.056501	.055874	.055260	.054660	.054073	.053498	.052934	.052383
		.060430	.059717	.059019	.058338	.057672	.057020	.056383	.055760	.055151	.054554	.053971	.053399	.052839	.052291	.051754
		.059549	.058858	.058183	.057522	.056877	.056245	.055627	.055022	.054430	.053851	.053283	.052727	.052183	.051649	.051127
		.058672	.058003	.057350	.056710	.056085	.055473	.054873	.054287	.053712	.053149	.052598	.052058	.051529	.051010	.050501
1.0		.057798	.057153	.056521	.055902	.055296	.054703	.054123	.053554	.052997	.052451	.051916	.051391	.050877	.050372	.049878
		.056930	.056306	.055696	.055097	.054512	.053938	.053376	.052825	.052284	.051755	.051236	.050727	.050227	.049737	.049257
		.056067	.055465	.054875	.054297	.053731	.053176	.052632	.052099	.051576	.051063	.050559	.050065	.049581	.049105	.048638
		.055209	.054628	.054060	.053502	.052955	.052419	.051893	.051377	.050871	.050374	.049886	.049407	.048937	.048476	.048023
		.054357	.053798	.053250	.052712	.052184	.051666	.051158	.050659	.050169	.049689	.049216	.048753	.048297	.047850	.047410
1.5		.053511	.052973	.052445	.051927	.051418	.050918	.050428	.049946	.049472	.049007	.048551	.048102	.047661	.047227	.046801
		.052672	.052155	.051647	.051148	.050657	.050176	.049702	.049237	.048780	.048331	.047889	.047455	.047028	.046608	.046195
		.051840	.051343	.050855	.050375	.049903	.049439	.048982	.048534	.048092	.047658	.047232	.046812	.046399	.045992	.045593
		.051015	.050538	.050069	.049603	.049154	.048707	.048268	.047835	.047410	.046991	.046579	.046173	.045774	.045381	.044994
		.050198	.049741	.049291	.048847	.048411	.047982	.047559	.047142	.046732	.046328	.045931	.045539	.045153	.044774	.044399
2.0		.049388	.048951	.048519	.048094	.047675	.047262	.046855	.046455	.046060	.045671	.045287	.044910	.044537	.044171	.043809
		.048587	.048168	.047755	.047348	.046946	.046549	.046159	.045773	.045393	.045019	.044649	.044285	.043926	.043572	.043223
		.047795	.047394	.046999	.046609	.046223	.045843	.045468	.045098	.044733	.044372	.044017	.043666	.043320	.042978	.042641
		.047011	.046628	.046250	.045877	.045508	.045144	.044784	.044429	.044078	.043731	.043389	.043052	.042718	.042389	.042064
		.046236	.045871	.045510	.045153	.044800	.044452	.044107	.043766	.043429	.043097	.042768	.042443	.042122	.041805	.041492
2.5		.045470	.045122	.044778	.044437	.044100	.043767	.043436	.043110	.042787	.042466	.042152	.041840	.041531	.041226	.040925
		.044714	.044383	.044055	.043730	.043408	.043089	.042773	.042461	.042151	.041845	.041542	.041242	.040946	.040653	.040362
		.043967	.043652	.043340	.043030	.042723	.042419	.042117	.041818	.041522	.041228	.040939	.040651	.040366	.040084	.039805
		.043229	.042930	.042634	.042339	.042047	.041756	.041469	.041183	.040900	.040619	.040341	.040065	.039792	.039522	.039253
		.042502	.042218	.041937	.041657	.041378	.041102	.040827	.040555	.040284	.040016	.039750	.039486	.039224	.038964	.038707
3.0		.041784	.041516	.041249	.040983	.040718	.040455	.040194	.039934	.039676	.039420	.039165	.038912	.038662	.038413	.038166
		.041076	.040823	.040570	.040318	.040067	.039817	.039568	.039321	.039075	.038830	.038587	.038345	.038105	.037867	.037630
		.040379	.040139	.039900	.039662	.039424	.039186	.038950	.038715	.038480	.038247	.038015	.037785	.037555	.037327	.037101
		.039691	.039465	.039240	.039014	.038789	.038564	.038340	.038116	.037894	.037672	.037450	.037230	.037011	.036793	.036577
		.039014	.038802	.038589	.038376	.038163	.037950	.037738	.037526	.037314	.037103	.036892	.036683	.036474	.036266	.036058
3.5		.038347	.038147	.037947	.037747	.037546	.037345	.037144	.036943	.036742	.036541	.036341	.036141	.035942	.035744	.035546
		.037690	.037503	.037315	.037127	.036937	.036748	.036558	.036367	.036177	.035987	.035797	.035607	.035417	.035228	.035040
		.037044	.036869	.036693	.036516	.036338	.036159	.035980	.035800	.035620	.035440	.035259	.035079	.034899	.034719	.034539
		.036408	.036245	.036080	.035914	.035747	.035579	.035410	.035240	.035070	.034900	.034729	.034558	.034387	.034216	.034045
		.035782	.035630	.035477	.035321	.035165	.035007	.034848	.034689	.034528	.034367	.034206	.034044	.033881	.033719	.033556
4.0		.035167	.035026	.034883	.034738	.034592	.034444	.034295	.034145	.033994	.033842	.033689	.033536	.033382	.033228	.033074
		.034562	.034431	.034298	.034164	.034027	.033889	.033750	.033609	.033467	.033324	.033180	.033035	.032890	.032744	.032598
		.033967	.033846	.033724	.033599	.033472	.033343	.033212	.033081	.032947	.032813	.032678	.032541	.032404	.032266	.032127
		.033382	.033271	.033158	.033042	.032925	.032805	.032684	.032560	.032436	.032310	.032182	.032054	.031925	.031794	.031663
		.032807	.032706	.032602	.032496	.032387	.032276	.032163	.032048	.031932	.031814	.031694	.031574	.031452	.031329	.031206
4.5		.032243	.032151	.032055	.031958	.031857	.031755	.031650	.031543	.031435	.031325	.031213	.031100	.030986	.030870	.030754
		.031688	.031605	.031518	.031429	.031337	.031242	.031145	.031047	.030946	.030843	.030739	.030634	.030526	.030418	.030308
		.031144	.031068	.030990	.030909	.030824	.030738	.030649	.030558	.030464	.030369	.030272	.030174	.030074	.029972	.029869
		.030609	.030542	.030471	.030397	.030321	.030242	.030160	.030076	.029990	.029902	.029812	.029721	.029627	.029532	.029436
		.030084	.030024	.029961	.029895	.029826	.029754	.029680	.029603	.029524	.029443	.029359	.029274	.029187	.029099	.029009

		A(r,z)														
r	z	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
.0		.055556	.054945	.054348	.053763	.053191	.052632	.052083	.051546	.051020	.050505	.050000	.049505	.049020	.048544	.048077
		.054935	.054339	.053754	.053183	.052623	.052075	.051539	.051013	.050498	.049993	.049498	.049013	.048537	.048071	.047613
		.054316	.053732	.053161	.052602	.052055	.051519	.050994	.050480	.049975	.049481	.048996	.048521	.048055	.047598	.047149
		.053696	.053126	.052569	.052022	.051488	.050963	.050450	.049947	.049453	.048969	.048495	.048030	.047573	.047125	.046686
		.053077	.052521	.051977	.051443	.050920	.050408	.049906	.049414	.048932	.048458	.047994	.047539	.047092	.046653	.046223
.5		.052460	.051917	.051385	.050865	.050354	.049854	.049363	.048882	.048411	.047948	.047494	.047048	.046611	.046182	.045760
		.051843	.051314	.050795	.050287	.049789	.049300	.048821	.048351	.047890	.047438	.046994	.046558	.046131	.045711	.045298
		.051228	.050712	.050206	.049711	.049225	.048748	.048280	.047821	.047371	.046929	.046495	.046070	.045651	.045241	.044837
		.050614	.050112	.049619	.049136	.048662	.048197	.047741	.047293	.046853	.046422	.045998	.045582	.045173	.044771	.044377
		.050002	.049513	.049033	.048563	.048101	.047647	.047202	.046765	.046336	.045915	.045501	.045095	.044696	.044303	.043918
1.0		.049393	.048917	.048449	.047991	.047541	.047099	.046666	.046240	.045821	.045410	.045006	.044610	.044220	.043836	.043460
		.048785	.048322	.047868	.047422	.046983	.046553	.046131	.045715	.045308	.044907	.044513	.044126	.043745	.043371	.043003
		.048180	.047730	.047288	.046854	.046428	.046009	.045598	.045193	.044796	.044405	.044021	.043643	.043272	.042907	.042547
		.047578	.047141	.046711	.046289	.045875	.045467	.045067	.044673	.044286	.043905	.043531	.043163	.042800	.042444	.042094
		.046978	.046554	.046137	.045727	.045324	.044927	.044538	.044155	.043778	.043407	.043042	.042684	.042331	.041983	.041641
1.5		.046382	.045970	.045565	.045167	.044775	.044390	.044011	.043639	.043272	.042911	.042556	.042207	.041863	.041524	.041191
		.045789	.045390	.044997	.044610	.044230	.043856	.043488	.043125	.042769	.042418	.042072	.041732	.041397	.041067	.040742
		.045199	.044812	.044431	.044056	.043687	.043324	.042967	.042615	.042268	.041927	.041590	.041259	.040933	.040612	.040295
		.044613	.044238	.043869	.043506	.043148	.042795	.042448	.042106	.041770	.041438	.041111	.040789	.040472	.040159	.039851
		.044031	.043668	.043311	.042959	.042612	.042270	.041933	.041601	.041274	.040952	.040634	.040321	.040013	.039708	.039408
2.0		.043453	.043102	.042756	.042415	.042079	.041747	.041421	.041099	.040781	.040469	.040160	.039856	.039556	.039260	.038968
		.042879	.042539	.042205	.041875	.041549	.041228	.040912	.040600	.040292	.039988	.039689	.039393	.039102	.038814	.038531
		.042309	.041981	.041658	.041338	.041023	.040713	.040406	.040104	.039805	.039511	.039220	.038933	.038650	.038371	.038095
		.041744	.041427	.041114	.040806	.040501	.040201	.039904	.039611	.039322	.039036	.038755	.038476	.038202	.037930	.037662
		.041183	.040877	.040576	.040278	.039983	.039693	.039405	.039122	.038842	.038565	.038292	.038022	.037756	.037492	.037232
2.5		.040627	.040332	.040041	.039753	.039469	.039186	.038911	.038636	.038365	.038097	.037833	.037571	.037313	.037057	.036805
		.040076	.039792	.039511	.039234	.038959	.038688	.038420	.038154	.037892	.037633	.037377	.037123	.036873	.036625	.036381
		.039529	.039256	.038986	.038718	.038453	.038192	.037932	.037676	.037423	.037172	.036924	.036679	.036436	.036196	.035959
		.038988	.038725	.038465	.038207	.037952	.037699	.037449	.037202	.036957	.036715	.036475	.036237	.036003	.035770	.035540
		.038452	.038199	.037949	.037701	.037455	.037211	.036970	.036732	.036495	.036261	.036029	.035800	.035572	.035347	.035125
3.0		.037921	.037678	.037438	.037199	.036962	.036728	.036495	.036265	.036037	.035811	.035587	.035365	.035146	.034928	.034712
		.037396	.037163	.036931	.036702	.036474	.036249	.036025	.035803	.035583	.035365	.035149	.034934	.034722	.034512	.034303
		.036876	.036652	.036430	.036210	.035991	.035774	.035559	.035345	.035133	.034923	.034714	.034507	.034302	.034099	.033897
		.036361	.036147	.035934	.035723	.035513	.035304	.035097	.034891	.034687	.034484	.034283	.034084	.033886	.033689	.033494
		.035852	.035647	.035443	.035240	.035039	.034838	.034639	.034442	.034245	.034050	.033856	.033664	.033473	.033283	.033095
3.5		.035349	.035153	.034958	.034763	.034570	.034378	.034186	.033996	.033807	.033620	.033433	.033248	.033064	.032881	.032699
		.034851	.034664	.034477	.034291	.034106	.033922	.033738	.033556	.033374	.033194	.033014	.032836	.032658	.032482	.032307
		.034360	.034181	.034002	.033824	.033647	.033470	.033295	.033119	.032945	.032772	.032599	.032427	.032257	.032087	.031918
		.033874	.033703	.033533	.033363	.033193	.033024	.032856	.032688	.032520	.032354	.032188	.032023	.031859	.031695	.031533
		.033393	.033231	.033068	.032906	.032744	.032583	.032421	.032261	.032100	.031940	.031781	.031623	.031465	.031307	.031151
4.0		.032919	.032764	.032610	.032455	.032300	.032146	.031992	.031838	.031684	.031531	.031379	.031226	.031075	.030923	.030773
		.032451	.032304	.032157	.032009	.031862	.031714	.031567	.031420	.031273	.031126	.030980	.030834	.030688	.030543	.030398
		.031988	.031849	.031709	.031569	.031428	.031288	.031147	.031007	.030866	.030726	.030586	.030446	.030306	.030167	.030028
		.031532	.031399	.031267	.031134	.031000	.030866	.030732	.030598	.030464	.030330	.030196	.030062	.029928	.029794	.029661
		.031081	.030956	.030830	.030704	.030577	.030450	.030322	.030194	.030066	.029938	.029810	.029682	.029553	.029425	.029297
4.5		.030636	.030518	.030399	.030279	.030159	.030038	.029917	.029795	.029673	.029551	.029428	.029306	.029183	.029061	.028938
		.030198	.030086	.029974	.029860	.029746	.029632	.029516	.029401	.029284	.029168	.029051	.028934	.028817	.028700	.028582
		.029765	.029660	.029554	.029447	.029339	.029230	.029121	.029011	.028900	.028790	.028678	.028567	.028455	.028343	.028230
		.029338	.029239	.029139	.029038	.028936	.028834	.028730	.028626	.028521	.028416	.028310	.028203	.028097	.027990	.027882
		.028917	.028825	.028731	.028635	.028539	.028442	.028344	.028246	.028146	.028046	.027945	.027844	.027743	.027640	.027538

		A(r,z)														
z	r	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
5.0		.000000	.000971	.001940	.002906	.003867	.004821	.005768	.006705	.007631	.008545	.009446	.010331	.011201	.012054	.012888
		.000000	.000934	.001867	.002796	.003721	.004640	.005552	.006455	.007348	.008229	.009098	.009953	.010793	.011618	.012425
		.000000	.000899	.001797	.002693	.003584	.004469	.005348	.006218	.007080	.007930	.008769	.009595	.010407	.011204	.011986
		.000000	.000867	.001732	.002595	.003454	.004308	.005155	.005995	.006826	.007647	.008457	.009255	.010041	.010812	.011569
		.000000	.000836	.001670	.002502	.003331	.004154	.004972	.005783	.006585	.007378	.008161	.008933	.009693	.010440	.011173
5.5		.000000	.000806	.001611	.002414	.003214	.004009	.004799	.005582	.006357	.007124	.007881	.008628	.009363	.010086	.010797
		.000000	.000778	.001556	.002331	.003103	.003871	.004634	.005391	.006140	.006881	.007614	.008337	.009049	.009750	.010439
		.000000	.000752	.001503	.002252	.002998	.003740	.004478	.005209	.005934	.006651	.007361	.008060	.008751	.009430	.010098
		.000000	.000727	.001453	.002177	.002898	.003616	.004329	.005037	.005738	.006433	.007119	.007797	.008466	.009125	.009773
		.000000	.000703	.001405	.002105	.002803	.003497	.004188	.004873	.005552	.006224	.006890	.007547	.008195	.008835	.009464
6.0		.000000	.000680	.001360	.002037	.002713	.003385	.004053	.004716	.005374	.006025	.006671	.007308	.007937	.008557	.009168
		.000000	.000658	.001316	.001972	.002626	.003277	.003925	.004567	.005205	.005837	.006462	.007080	.007691	.008293	.008886
		.000000	.000638	.001275	.001911	.002544	.003175	.003802	.004425	.005043	.005655	.006263	.006863	.007455	.008040	.008617
		.000000	.000618	.001236	.001852	.002466	.003077	.003685	.004290	.004889	.005484	.006073	.006655	.007231	.007799	.008360
		.000000	.000599	.001198	.001795	.002391	.002984	.003574	.004160	.004742	.005319	.005891	.006456	.007016	.007568	.008113
6.5		.000000	.000581	.001162	.001742	.002319	.002895	.003467	.004036	.004601	.005161	.005717	.006266	.006810	.007347	.007877
		.000000	.000564	.001128	.001690	.002251	.002809	.003365	.003918	.004466	.005011	.005551	.006085	.006613	.007136	.007652
		.000000	.000548	.001095	.001641	.002186	.002728	.003268	.003805	.004338	.004867	.005391	.005911	.006425	.006933	.007435
		.000000	.000532	.001063	.001594	.002123	.002650	.003174	.003696	.004214	.004729	.005239	.005744	.006244	.006739	.007228
		.000000	.000517	.001033	.001549	.002063	.002575	.003085	.003592	.004096	.004596	.005092	.005584	.006071	.006553	.007029
7.0		.000000	.000502	.001004	.001506	.002005	.002503	.002999	.003492	.003983	.004469	.004952	.005431	.005905	.006374	.006838
		.000000	.000489	.000977	.001464	.001950	.002435	.002917	.003397	.003874	.004347	.004818	.005284	.005745	.006202	.006654
		.000000	.000475	.000950	.001424	.001897	.002369	.002838	.003305	.003769	.004230	.004688	.005142	.005592	.006038	.006478
		.000000	.000463	.000925	.001386	.001846	.002305	.002762	.003217	.003669	.004118	.004564	.005006	.005445	.005879	.006309
		.000000	.000450	.000900	.001350	.001798	.002244	.002689	.003132	.003573	.004010	.004445	.004876	.005303	.005727	.006146
7.5		.000000	.000439	.000877	.001314	.001751	.002186	.002619	.003051	.003480	.003906	.004330	.004750	.005167	.005580	.005989
		.000000	.000427	.000854	.001280	.001706	.002130	.002552	.002973	.003391	.003807	.004220	.004630	.005036	.005439	.005838
		.000000	.000416	.000832	.001248	.001662	.002076	.002487	.002897	.003305	.003711	.004113	.004513	.004910	.005303	.005693
		.000000	.000406	.000811	.001216	.001621	.002024	.002425	.002825	.003223	.003618	.004011	.004401	.004788	.005172	.005553
		.000000	.000396	.000791	.001186	.001580	.001973	.002365	.002755	.003143	.003529	.003913	.004293	.004671	.005046	.005418
8.0		.000000	.000386	.000772	.001157	.001542	.001925	.002307	.002688	.003066	.003443	.003818	.004189	.004558	.004925	.005287
		.000000	.000377	.000753	.001129	.001504	.001878	.002251	.002623	.002992	.003360	.003726	.004089	.004449	.004807	.005162
		.000000	.000368	.000735	.001102	.001468	.001834	.002198	.002560	.002921	.003280	.003638	.003992	.004344	.004694	.005041
		.000000	.000359	.000718	.001076	.001433	.001790	.002146	.002500	.002852	.003203	.003552	.003899	.004243	.004585	.004924
		.000000	.000351	.000701	.001051	.001400	.001748	.002096	.002442	.002786	.003129	.003470	.003808	.004145	.004479	.004811
8.5		.000000	.000342	.000685	.001026	.001368	.001708	.002047	.002385	.002722	.003057	.003390	.003721	.004050	.004377	.004701
		.000000	.000335	.000669	.001003	.001336	.001669	.002001	.002331	.002660	.002987	.003314	.003637	.003959	.004279	.004596
		.000000	.000327	.000654	.000980	.001306	.001631	.001955	.002278	.002600	.002920	.003239	.003556	.003871	.004183	.004494
		.000000	.000320	.000639	.000958	.001277	.001595	.001912	.002228	.002542	.002856	.003167	.003477	.003785	.004091	.004395
		.000000	.000313	.000625	.000937	.001249	.001560	.001870	.002179	.002486	.002793	.003098	.003401	.003702	.004002	.004299
9.0		.000000	.000306	.000611	.000917	.001221	.001526	.001829	.002131	.002432	.002732	.003031	.003327	.003622	.003916	.004207
		.000000	.000299	.000598	.000897	.001195	.001493	.001789	.002085	.002380	.002673	.002966	.003256	.003545	.003832	.004117
		.000000	.000293	.000585	.000878	.001169	.001461	.001751	.002041	.002329	.002616	.002903	.003187	.003470	.003751	.004030
		.000000	.000287	.000573	.000859	.001145	.001430	.001714	.001998	.002280	.002561	.002842	.003120	.003397	.003673	.003946
		.000000	.000281	.000561	.000841	.001121	.001400	.001678	.001956	.002232	.002508	.002782	.003055	.003327	.003597	.003865
9.5		.000000	.000275	.000549	.000824	.001097	.001371	.001643	.001915	.002186	.002456	.002725	.002992	.003258	.003523	.003786
		.000000	.000269	.000538	.000807	.001075	.001343	.001610	.001876	.002141	.002406	.002669	.002931	.003192	.003451	.003709
		.000000	.000264	.000527	.000790	.001053	.001315	.001577	.001838	.002098	.002357	.002616	.002872	.003128	.003382	.003635
		.000000	.000258	.000516	.000774	.001032	.001289	.001545	.001801	.002056	.002310	.002563	.002815	.003065	.003315	.003563
		.000000	.000253	.000506	.000759	.001011	.001263	.001515	.001765	.002015	.002264	.002513	.002759	.003005	.003250	.003493

		A(r,z)														
r	z	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
5.0		.013704 .013215 .012751 .012311 .011892	.014501 .013987 .013499 .013036 .012596	.015276 .014740 .014230 .013745 .013284	.016031 .015472 .014941 .014436 .013956	.016764 .016185 .015634 .015110 .014611	.017476 .016877 .016308 .015766 .015249	.018165 .017548 .016962 .016403 .015870	.018831 .018198 .017595 .017021 .016473	.019474 .018826 .018209 .017620 .017058	.020095 .019433 .018802 .018200 .017624	.020693 .020018 .019375 .018760 .018173	.021267 .020582 .019927 .019301 .018703	.021819 .021123 .020459 .019823 .019215	.022348 .021644 .020970 .020325 .019708	.022855 .022143 .021461 .020808 .020183
5.5		.011494 .011115 .010754 .010411 .010083	.012177 .011778 .011398 .011036 .010690	.012845 .012427 .012029 .011649 .011286	.013498 .013062 .012646 .012250 .011871	.014136 .013682 .013250 .012837 .012443	.014757 .014287 .013839 .013411 .013002	.015362 .014877 .014414 .013971 .013548	.015950 .015450 .014973 .014517 .014081	.016521 .016008 .015518 .015049 .014600	.017075 .016549 .016047 .015566 .015106	.017611 .017075 .016561 .016069 .015597	.018131 .017583 .017059 .016557 .016075	.018633 .018075 .017541 .017029 .016539	.019117 .018551 .018008 .017488 .016988	.019584 .019010 .018459 .017931 .017423
6.0		.009770 .009471 .009185 .008912 .008650	.010360 .010045 .009744 .009455 .009179	.010940 .010609 .010293 .009990 .009700	.011509 .011163 .010832 .010515 .010211	.012066 .011705 .011360 .011030 .010713	.012611 .012236 .011878 .011535 .011206	.013143 .012756 .012385 .012029 .011688	.013663 .013263 .012880 .012513 .012161	.014170 .013759 .013364 .012986 .012623	.014665 .014242 .013837 .013448 .013074	.015146 .014713 .014297 .013898 .013515	.015613 .015171 .014746 .014337 .013945	.016068 .015616 .015182 .014765 .014364	.016509 .016048 .015606 .015181 .014772	.016936 .016468 .016018 .015585 .015169
6.5		.008400 .008160 .007931 .007710 .007499	.008915 .008662 .008419 .008186 .007963	.009422 .009156 .008900 .008655 .008420	.009920 .009641 .009374 .009117 .008871	.010410 .010119 .009840 .009572 .009314	.010890 .010588 .010297 .010018 .009750	.011361 .011047 .010746 .010457 .010178	.011823 .011498 .011186 .010887 .010599	.012274 .011940 .011618 .011309 .011011	.012716 .012371 .012040 .011722 .011416	.013147 .012794 .012454 .012127 .011812	.013568 .013206 .012858 .012522 .012199	.013979 .013609 .013252 .012909 .012578	.014379 .014001 .013637 .013286 .012948	.014769 .014383 .014012 .013655 .013310
7.0		.007296 .007101 .006914 .006734 .006560	.007748 .007542 .007344 .007153 .006970	.008194 .007977 .007769 .007568 .007375	.008634 .008406 .008187 .007977 .007774	.009067 .008829 .008600 .008380 .008168	.009492 .009245 .009006 .008777 .008556	.009911 .009654 .009406 .009167 .008938	.010322 .010055 .009799 .009552 .009314	.010725 .010450 .010185 .009929 .009683	.011121 .010837 .010564 .010300 .010046	.011509 .011217 .010936 .010664 .010403	.011888 .011589 .011300 .011021 .010753	.012260 .011953 .011657 .011371 .011096	.012623 .012309 .012006 .011714 .011432	.012977 .012657 .012348 .012049 .011761
7.5		.006394 .006233 .006078 .005929 .005786	.006793 .006624 .006460 .006302 .006150	.007189 .007009 .006837 .006670 .006510	.007579 .007391 .007209 .007034 .006866	.007963 .007767 .007577 .007394 .007217	.008343 .008137 .007940 .007749 .007564	.008716 .008503 .008297 .008098 .007907	.009084 .008863 .008649 .008443 .008244	.009446 .009217 .008996 .008783 .008577	.009801 .009565 .009337 .009117 .008904	.010151 .009907 .009672 .009445 .009226	.010494 .010243 .010002 .009768 .009543	.010830 .010573 .010325 .010086 .009854	.011160 .010897 .010643 .010397 .010160	.011483 .011214 .010954 .010703 .010460
8.0		.005647 .005513 .005384 .005260 .005139	.006003 .005861 .005724 .005592 .005465	.006355 .006205 .006061 .005922 .005787	.006703 .006546 .006394 .006248 .006106	.007047 .006882 .006724 .006570 .006422	.007387 .007215 .007049 .006889 .006733	.007722 .007543 .007370 .007203 .007042	.008052 .007866 .007687 .007514 .007346	.008378 .008186 .008000 .007820 .007646	.008699 .008500 .008308 .008122 .007942	.009014 .008809 .008611 .008420 .008234	.009325 .009114 .008910 .008713 .008522	.009630 .009414 .009204 .009001 .008805	.009930 .009708 .009493 .009285 .009083	.010225 .009997 .009777 .009564 .009357
8.5		.005023 .004910 .004801 .004696 .004594	.005341 .005222 .005107 .004995 .004887	.005657 .005531 .005409 .005291 .005177	.005969 .005837 .005708 .005584 .005464	.006278 .006139 .006005 .005875 .005749	.006584 .006438 .006298 .006162 .006031	.006885 .006734 .006588 .006446 .006309	.007184 .007027 .006874 .006727 .006585	.007478 .007315 .007157 .007005 .006857	.007768 .007600 .007437 .007279 .007126	.008055 .007881 .007712 .007549 .007391	.008337 .008158 .007984 .007816 .007653	.008615 .008430 .008252 .008079 .007911	.008888 .008699 .008516 .008338 .008165	.009157 .008963 .008775 .008593 .008416
9.0		.004496 .004400 .004308 .004218 .004131	.004782 .004681 .004583 .004488 .004395	.005066 .004959 .004856 .004755 .004658	.005348 .005235 .005126 .005020 .004918	.005627 .005509 .005394 .005283 .005175	.005903 .005779 .005660 .005544 .005431	.006176 .006047 .005922 .005801 .005684	.006446 .006312 .006182 .006056 .005934	.006713 .006574 .006439 .006309 .006182	.006977 .006833 .006694 .006558 .006427	.007238 .007089 .006945 .006805 .006669	.007495 .007341 .007192 .007048 .006908	.007748 .007590 .007437 .007288 .007144	.007998 .007836 .007679 .007526 .007377	.008245 .008078 .007917 .007760 .007607
9.5		.004047 .003965 .003886 .003809 .003734	.004306 .004219 .004135 .004053 .003974	.004563 .004471 .004382 .004296 .004212	.004818 .004722 .004628 .004537 .004448	.005071 .004970 .004871 .004776 .004683	.005322 .005215 .005113 .005013 .004915	.005570 .005459 .005352 .005247 .005146	.005815 .005700 .005588 .005480 .005374	.006059 .005939 .005823 .005710 .005600	.006299 .006175 .006055 .005938 .005824	.006537 .006409 .006284 .006163 .006046	.006772 .006639 .006511 .006386 .006265	.007004 .006868 .006735 .006607 .006481	.007233 .007093 .006957 .006824 .006696	.007459 .007315 .007175 .007039 .006907

		A(r,z)														
r	z	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
5.0		.023339 .022621 .021932 .021273 .020640	.023802 .023078 .022383 .021718 .021079	.024243 .023514 .022815 .022144 .021501	.024663 .023930 .023227 .022552 .021904	.025062 .024327 .023621 .022942 .022291	.025440 .024703 .023995 .023315 .022660	.025799 .025061 .024352 .023669 .023013	.026138 .025400 .024690 .024007 .023349	.026459 .025722 .025012 .024328 .023669	.026761 .026025 .025316 .024632 .023973	.027045 .026311 .025603 .024921 .024262	.027312 .026581 .025875 .025193 .024536	.027562 .026834 .026130 .025451 .024795	.027796 .027071 .026371 .025694 .025040	.028015 .027294 .026597 .025923 .025271
5.5		.020034 .019453 .018895 .018359 .017844	.020467 .019879 .019315 .018772 .018251	.020883 .020289 .019719 .019171 .018644	.021282 .020684 .020108 .019555 .019023	.021664 .021062 .020483 .019925 .019386	.022031 .021425 .020842 .020280 .019740	.022381 .021772 .021186 .020622 .020078	.022715 .022104 .021516 .020949 .020402	.023034 .022422 .021832 .021263 .020714	.023338 .022725 .022133 .021563 .021012	.023626 .023013 .022421 .021850 .021298	.023901 .023288 .022696 .022124 .021571	.024161 .023549 .022957 .022385 .021832	.024408 .023796 .023205 .022634 .022081	.024641 .024031 .023441 .022871 .022318
6.0		.017350 .016875 .016418 .015978 .015555	.017750 .017269 .016805 .016359 .015930	.018137 .017650 .017180 .016729 .016293	.018511 .018018 .017544 .017086 .016646	.018872 .018374 .017894 .017432 .016987	.019219 .018717 .018233 .017767 .017317	.019553 .019048 .018560 .018090 .017636	.019875 .019366 .018876 .018402 .017945	.020184 .019673 .019179 .018703 .018242	.020480 .019967 .019471 .018992 .018529	.020765 .020250 .019752 .019271 .018806	.021037 .020521 .020021 .019539 .019072	.021297 .020780 .020280 .019796 .019328	.021546 .021029 .020528 .020043 .019574	.021784 .021266 .020765 .020280 .019810
6.5		.015148 .014756 .014378 .014014 .013662	.015516 .015118 .014734 .014363 .014006	.015874 .015469 .015080 .014704 .014341	.016221 .015811 .015416 .015035 .014667	.016557 .016143 .015742 .015356 .014983	.016883 .016464 .016059 .015669 .015291	.017198 .016775 .016367 .015972 .015590	.017503 .017076 .016664 .016266 .015881	.017797 .017368 .016952 .016550 .016162	.018082 .017649 .017231 .016826 .016434	.018356 .017921 .017500 .017093 .016698	.018620 .018183 .017760 .017350 .016954	.018874 .018436 .018011 .017599 .017200	.019119 .018679 .018252 .017839 .017439	.019354 .018913 .018485 .018071 .017669
7.0		.013324 .012997 .012682 .012377 .012083	.013661 .013329 .013008 .012698 .012398	.013991 .013653 .013326 .013011 .012706	.014311 .013968 .013636 .013316 .013006	.014623 .014275 .013939 .013614 .013299	.014927 .014574 .014234 .013904 .013585	.015222 .014865 .014520 .014187 .013864	.015508 .015148 .014799 .014462 .014135	.015786 .015422 .015070 .014729 .014399	.016055 .015693 .015333 .014989 .014656	.016317 .015947 .015589 .015242 .014906	.016569 .016197 .015837 .015487 .015148	.016814 .016440 .016077 .015725 .015384	.017051 .016674 .016309 .015955 .015612	.017279 .016901 .016535 .016179 .015834
7.5		.011799 .011525 .011259 .011002 .010754	.012108 .011829 .011558 .011296 .011043	.012411 .012126 .011850 .011583 .011325	.012707 .012417 .012136 .011865 .011602	.012995 .012701 .012416 .012140 .011873	.013277 .012978 .012689 .012409 .012138	.013551 .013249 .012956 .012672 .012397	.013819 .013513 .013216 .012928 .012650	.014080 .013770 .013470 .013179 .012896	.014333 .014020 .013717 .013423 .013137	.014580 .014264 .013958 .013661 .013372	.014820 .014501 .014192 .013892 .013601	.015053 .014732 .014420 .014118 .013824	.015279 .014956 .014642 .014337 .014041	.015498 .015173 .014857 .014550 .014252
8.0		.010514 .010281 .010056 .009838 .009627	.010797 .010560 .010330 .010107 .009891	.011075 .010833 .010599 .010371 .010151	.011348 .011102 .010862 .010631 .010406	.011614 .011363 .011120 .010885 .010656	.011875 .011620 .011373 .011134 .010901	.012130 .011871 .011621 .011378 .011142	.012379 .012117 .011863 .011616 .011377	.012623 .012357 .012100 .011850 .011607	.012861 .012592 .012331 .012078 .011832	.013092 .012821 .012557 .012301 .012053	.013319 .013044 .012778 .012519 .012268	.013539 .013262 .012993 .012732 .012478	.013754 .013475 .013203 .012940 .012683	.013963 .013682 .013408 .013142 .012884
8.5		.009422 .009223 .009031 .008844 .008663	.009682 .009479 .009282 .009091 .008906	.009938 .009730 .009529 .009334 .009145	.010188 .009977 .009772 .009573 .009380	.010434 .010219 .010011 .009808 .009611	.010676 .010457 .010245 .010039 .009838	.010913 .010690 .010474 .010265 .010061	.011144 .010919 .010700 .010487 .010280	.011371 .011143 .010920 .010704 .010494	.011594 .011362 .011137 .010918 .010705	.011811 .011576 .011348 .011126 .010911	.012024 .011786 .011555 .011331 .011113	.012231 .011991 .011758 .011531 .011311	.012434 .012192 .011956 .011727 .011504	.012632 .012388 .012150 .011919 .011693
9.0		.008487 .008317 .008151 .007990 .007834	.008726 .008552 .008382 .008218 .008058	.008962 .008783 .008610 .008442 .008278	.009193 .009011 .008834 .008662 .008495	.009420 .009235 .009054 .008879 .008709	.009644 .009455 .009271 .009092 .008919	.009863 .009671 .009484 .009302 .009126	.010079 .009883 .009693 .009509 .009329	.010290 .010092 .009899 .009711 .009529	.010498 .010296 .010101 .009910 .009725	.010701 .010497 .010299 .010106 .009918	.010900 .010694 .010493 .010297 .010107	.011096 .010887 .010683 .010485 .010292	.011287 .011076 .010870 .010670 .010475	.011474 .011261 .011053 .010850 .010653
9.5		.007682 .007535 .007391 .007252 .007116	.007902 .007751 .007604 .007461 .007322	.008119 .007964 .007814 .007668 .007525	.008333 .008175 .008021 .007871 .007726	.008543 .008382 .008225 .008072 .007924	.008750 .008586 .008426 .008270 .008119	.008954 .008786 .008624 .008465 .008311	.009154 .008984 .008818 .008657 .008500	.009351 .009178 .009010 .008846 .008686	.009545 .009369 .009198 .009031 .008869	.009735 .009557 .009383 .009214 .009049	.009921 .009741 .009565 .009394 .009227	.010105 .009922 .009744 .009570 .009401	.010284 .010099 .009919 .009743 .009572	.010461 .010274 .010091 .009913 .009740

A(r,z)

r	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
z															
5.0	.028218 .027501 .026808 .026138 .025489	.028406 .027695 .027006 .026339 .025694	.028581 .027874 .027190 .026528 .025886	.028742 .028041 .027362 .026704 .026066	.028889 .028195 .027521 .026867 .026234	.029025 .028336 .027668 .027019 .026390	.029148 .028466 .027803 .027160 .026536	.029260 .028584 .027928 .027290 .026670	.029360 .028691 .028041 .027409 .026795	.029450 .028788 .028144 .027518 .026910	.029530 .028875 .028238 .027618 .027015	.029600 .028952 .028322 .027708 .027111	.029661 .029020 .028397 .027789 .027198	.029712 .029080 .028463 .027862 .027276	.029756 .029130 .028521 .027926 .027347
5.5	.024861 .024253 .023665 .023096 .022544	.025069 .024463 .023877 .023309 .022759	.025264 .024661 .024077 .023511 .022963	.025447 .024847 .024266 .023702 .023156	.025619 .025023 .024444 .023883 .023338	.025779 .025187 .024612 .024053 .023511	.025929 .025341 .024769 .024214 .023674	.026069 .025484 .024916 .024364 .023828	.026198 .025618 .025054 .024505 .023972	.026318 .025742 .025182 .024637 .024108	.026428 .025857 .025301 .024760 .024234	.026529 .025963 .025412 .024875 .024353	.026621 .026060 .025514 .024981 .024463	.026706 .026149 .025608 .025080 .024565	.026782 .026231 .025694 .025171 .024660
6.0	.022010 .021493 .020992 .020506 .020036	.022226 .021709 .021208 .020723 .020253	.022431 .021915 .021415 .020930 .020460	.022625 .022111 .021612 .021128 .020658	.022810 .022297 .021800 .021317 .020848	.022985 .022474 .021978 .021496 .021028	.023150 .022642 .022147 .021667 .021201	.023307 .022800 .022308 .021830 .021364	.023454 .022950 .022460 .021984 .021520	.023592 .023091 .022604 .022129 .021668	.023722 .023224 .022739 .022267 .021808	.023844 .023349 .022867 .022398 .021941	.023958 .023466 .022987 .022521 .022066	.024064 .023576 .023100 .022636 .022184	.024163 .023678 .023206 .022745 .022296
6.5	.019580 .019138 .018709 .018294 .017891	.019796 .019354 .018925 .018508 .018105	.020004 .019561 .019132 .018715 .018310	.020203 .019760 .019330 .018913 .018508	.020393 .019950 .019521 .019104 .018699	.020574 .020133 .019704 .019287 .018882	.020747 .020307 .019878 .019462 .019057	.020912 .020473 .020045 .019630 .019225	.021070 .020631 .020205 .019790 .019386	.021219 .020782 .020357 .020090 .019541	.021361 .020926 .020502 .020229 .019688	.021496 .021062 .020640 .020229 .019829	.021623 .021192 .020772 .020362 .019963	.021744 .021315 .020896 .020488 .020091	.021858 .021431 .021014 .020609 .020213
7.0	.017500 .017120 .016752 .016395 .016048	.017712 .017332 .016963 .016604 .016256	.017918 .017536 .017166 .016806 .016457	.018115 .017733 .017362 .017001 .016651	.018305 .017923 .017551 .017190 .016838	.018488 .018105 .017733 .017371 .017020	.018664 .018281 .017909 .017547 .017194	.018832 .018450 .018077 .017715 .017363	.018994 .018612 .018240 .017878 .017525	.019149 .018767 .018396 .018034 .017681	.019297 .018916 .018545 .018184 .017832	.019439 .019059 .018689 .018328 .017976	.019574 .019195 .018826 .018466 .018115	.019703 .019326 .018957 .018598 .018248	.019827 .019450 .019083 .018725 .018376
7.5	.015711 .015384 .015066 .014758 .014458	.015917 .015589 .015269 .014959 .014657	.016117 .015787 .015466 .015154 .014851	.016310 .015979 .015657 .015344 .015039	.016497 .016165 .015842 .015528 .015222	.016677 .016344 .016021 .015705 .015399	.016852 .016518 .016194 .015878 .015570	.017020 .016686 .016361 .016044 .015736	.017182 .016848 .016523 .016206 .015897	.017338 .017004 .016679 .016361 .016052	.017489 .017155 .016829 .016512 .016202	.017634 .017300 .016974 .016657 .016347	.017773 .017439 .017114 .016797 .016487	.017907 .017573 .017249 .016932 .016622	.018035 .017702 .017378 .017062 .016753
8.0	.014166 .013883 .013608 .013340 .013079	.014364 .014079 .013802 .013532 .013270	.014556 .014270 .013991 .013719 .013455	.014743 .014455 .014175 .013902 .013636	.014924 .014635 .014353 .014079 .013812	.015100 .014810 .014527 .014251 .013983	.015271 .014979 .014695 .014419 .014149	.015436 .015144 .014859 .014581 .014311	.015596 .015303 .015018 .014739 .014468	.015751 .015457 .015171 .014892 .014620	.015901 .015607 .015320 .015041 .014768	.016046 .015752 .015465 .015185 .014912	.016186 .015891 .015604 .015324 .015051	.016321 .016027 .015739 .015459 .015185	.016451 .016157 .015870 .015589 .015316
8.5	.012826 .012579 .012339 .012106 .011878	.013014 .012766 .012524 .012289 .012059	.013198 .012948 .012704 .012467 .012236	.013377 .013125 .012880 .012641 .012409	.013552 .013298 .013052 .012811 .012577	.013722 .013467 .013219 .012977 .012741	.013887 .013631 .013382 .013139 .012902	.014047 .013790 .013540 .013296 .013058	.014204 .013946 .013694 .013449 .013210	.014355 .014097 .013844 .013598 .013358	.014502 .014243 .013990 .013743 .013502	.014645 .014385 .014132 .013884 .013643	.014784 .014524 .014269 .014021 .013779	.014918 .014658 .014403 .014154 .013912	.015048 .014787 .014533 .014284 .014040
9.0	.011657 .011442 .011232 .011027 .010828	.011836 .011619 .011407 .011200 .010999	.012011 .011792 .011578 .011370 .011167	.012182 .011961 .011746 .011536 .011331	.012349 .012126 .011909 .011698 .011492	.012512 .012288 .012069 .011856 .011649	.012671 .012445 .012226 .012011 .011802	.012826 .012599 .012378 .012163 .011952	.012977 .012749 .012527 .012310 .012099	.013124 .012895 .012672 .012454 .012242	.013267 .013038 .012814 .012595 .012381	.013407 .013176 .012952 .012732 .012518	.013543 .013312 .013086 .012866 .012650	.013675 .013443 .013217 .012996 .012780	.013803 .013571 .013344 .013122 .012906
9.5	.010634 .010444 .010260 .010080 .009905	.010803 .010612 .010426 .010244 .010066	.010969 .010776 .010588 .010404 .010225	.011131 .010937 .010747 .010562 .010381	.011290 .011094 .010903 .010716 .010534	.011446 .011248 .011055 .010867 .010683	.011598 .011399 .011205 .011015 .010830	.011747 .011546 .011351 .011160 .010973	.011892 .011691 .011494 .011302 .011114	.012034 .011831 .011633 .011440 .011251	.012173 .011969 .011770 .011576 .011386	.012308 .012103 .011903 .011708 .011517	.012440 .012235 .012034 .011837 .011646	.012569 .012362 .012161 .011964 .011771	.012694 .012487 .012285 .012087 .011894

		A(r,z)														
r	z	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
5.0		.029791 .029173 .028570 .027983 .027409	.029818 .029208 .028613 .028031 .027464	.029839 .029236 .028647 .028073 .027512	.029852 .029256 .028675 .028107 .027553	.029858 .029270 .028696 .028135 .027587	.029858 .029278 .028711 .028157 .027615	.029852 .029279 .028720 .028172 .027637	.029840 .029275 .028722 .028182 .027653	.029822 .029265 .028720 .028186 .027663	.029800 .029250 .028712 .028698 .028184 .027668	.029772 .029230 .028712 .028698 .028179 .027663	.029740 .029205 .028681 .028658 .028167 .027664	.029703 .029175 .028658 .028631 .028151 .027654	.029662 .029142 .028631 .028600 .028131 .027640	.029617 .029104 .028600 .028107 .027622
5.5		.026850 .026304 .025773 .025254 .024748	.026911 .026371 .025844 .025330 .024828	.026964 .026430 .025908 .025399 .024902	.027011 .026482 .025966 .025452 .024959	.027051 .026528 .026017 .025518 .025030	.027085 .026568 .026062 .025568 .025085	.027113 .026601 .026101 .025612 .025134	.027135 .026629 .026134 .025650 .025177	.027152 .026652 .026162 .025683 .025214	.027163 .026659 .026184 .025711 .025247	.027169 .026680 .026202 .025733 .025274	.027171 .026687 .026214 .025751 .025297	.027167 .026690 .026222 .025764 .025315	.027159 .026688 .026226 .025772 .025328	.027147 .026681 .026225 .025777 .025338
6.0		.024255 .023773 .023304 .022847 .022400	.024339 .023862 .023396 .022942 .022498	.024417 .023944 .023482 .023031 .022590	.024488 .024019 .023561 .023113 .022676	.024554 .024088 .023634 .023190 .022756	.024613 .024152 .023701 .023260 .022830	.024666 .024209 .023762 .023326 .022899	.024714 .024261 .023818 .023385 .022962	.024756 .024308 .023869 .023440 .023020	.024793 .024349 .023914 .023489 .023073	.024825 .024386 .023955 .023534 .023121	.024853 .024417 .023991 .023574 .023165	.024875 .024444 .024022 .023609 .023204	.024893 .024467 .024049 .023640 .023239	.024907 .024485 .024072 .023666 .023269
6.5		.021965 .021540 .021126 .020722 .020328	.022066 .021644 .021232 .020830 .020438	.022161 .021741 .021332 .020932 .020542	.022249 .021833 .021426 .021029 .020641	.022332 .021919 .021514 .021120 .020734	.022410 .021999 .021597 .021205 .020822	.022482 .022074 .021675 .021285 .020905	.022548 .022143 .021748 .021361 .020982	.022610 .022208 .021815 .021431 .021055	.022666 .022268 .021878 .021497 .021123	.022718 .022323 .021936 .021557 .021187	.022765 .022373 .021989 .021614 .021246	.022807 .022419 .022039 .021666 .021301	.022846 .022461 .022083 .021714 .021352	.022880 .022498 .022124 .021758 .021399
7.0		.019944 .019569 .019203 .018846 .018498	.020056 .019682 .019318 .018962 .018615	.020162 .019790 .019427 .019073 .018727	.020262 .019892 .019531 .019178 .018833	.020357 .019989 .019630 .019278 .018935	.020447 .020081 .019724 .019374 .019032	.020532 .020168 .019813 .019465 .019125	.020612 .020251 .019897 .019551 .019212	.020688 .020328 .019976 .019632 .019296	.020759 .020401 .020051 .019709 .019375	.020824 .020470 .020122 .019782 .019450	.020886 .020534 .020189 .019851 .019520	.020944 .020594 .020251 .019915 .019587	.020997 .020650 .020309 .019976 .019649	.021047 .020702 .020364 .020033 .019708
7.5		.018158 .017826 .017503 .017187 .016878	.018276 .017945 .017622 .017307 .016999	.018389 .018059 .017737 .017422 .017115	.018497 .018168 .017847 .017533 .017226	.018600 .018272 .017952 .017639 .017334	.018698 .018372 .018053 .017741 .017436	.018792 .018467 .018149 .017839 .017535	.018882 .018558 .018242 .017932 .017629	.018967 .018645 .018330 .018021 .017720	.019047 .018727 .018413 .018106 .017806	.019124 .018805 .018493 .018188 .017889	.019196 .018879 .018569 .018265 .017967	.019265 .018950 .018641 .018338 .018042	.019330 .019016 .018709 .018408 .018114	.019390 .019079 .018774 .018475 .018181
8.0		.016577 .016283 .015996 .015716 .015442	.016699 .016404 .016118 .015837 .015564	.016815 .016521 .016235 .015955 .015682	.016927 .016634 .016348 .016069 .015795	.017035 .016743 .016457 .016178 .015905	.017138 .016847 .016562 .016284 .016011	.017238 .016947 .016663 .016385 .016113	.017333 .017044 .016760 .016483 .016212	.017425 .017136 .016854 .016577 .016307	.017512 .017225 .016943 .016667 .016398	.017596 .017309 .017029 .016754 .016485	.017676 .017390 .017111 .016837 .016569	.017752 .017468 .017190 .016917 .016650	.017825 .017542 .017265 .016993 .016727	.017894 .017613 .017337 .017066 .016801
8.5		.015174 .014913 .014658 .014409 .014166	.015296 .015035 .014780 .014531 .014287	.015414 .015153 .014898 .014649 .014405	.015526 .015267 .015012 .014763 .014519	.015639 .015378 .015123 .014873 .014630	.015745 .015484 .015230 .014981 .014737	.015848 .015587 .015333 .015084 .014840	.015947 .015687 .015433 .015184 .014941	.016042 .015783 .015529 .015281 .015038	.016134 .015875 .015622 .015374 .015132	.016222 .015964 .015712 .015464 .015222	.016307 .016050 .015798 .015551 .015310	.016388 .016132 .015881 .015635 .015394	.016467 .016211 .015961 .015716 .015475	.016542 .016287 .016038 .015793 .015554
9.0		.013928 .013695 .013468 .013246 .013029	.014049 .013816 .013588 .013366 .013148	.014166 .013933 .013705 .013483 .013265	.014280 .014047 .013819 .013596 .013378	.014391 .014158 .013930 .013706 .013488	.014498 .014265 .014037 .013813 .013595	.014602 .014369 .014141 .013917 .013699	.014703 .014470 .014241 .014018 .013799	.014800 .014567 .014339 .014116 .013897	.014894 .014662 .014434 .014211 .013992	.014985 .014753 .014525 .014302 .014084	.015073 .014841 .014614 .014391 .014173	.015158 .014926 .014700 .014477 .014260	.015240 .015009 .014782 .014561 .014343	.015319 .015088 .014862 .014641 .014424
9.5		.012816 .012609 .012406 .012208 .012013	.012936 .012727 .012524 .012325 .012130	.013051 .012843 .012639 .012439 .012244	.013164 .012955 .012751 .012551 .012355	.013274 .013065 .012860 .012660 .012464	.013381 .013171 .012966 .012766 .012569	.013484 .013275 .013070 .012869 .012672	.013585 .013376 .013170 .012969 .012772	.013683 .013473 .013268 .013067 .012870	.013778 .013568 .013363 .013162 .012965	.013870 .013661 .013455 .013254 .013057	.013960 .013750 .013545 .013344 .013147	.014046 .013837 .013632 .013431 .013234	.014130 .013921 .013716 .013515 .013318	.014211 .014003 .013798 .013597 .013400

		A(r,z)														
r	z	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
5.0		.029568 .029062 .028566 .028078 .027600	.029516 .029017 .028968 .028527 .028046 .027574	.029460 .028968 .028485 .028011 .027972 .027545	.029401 .028916 .028440 .027972 .027512	.029339 .028861 .028391 .027929 .027476	.029274 .028803 .028339 .027884 .027436	.029207 .028742 .028285 .027835 .027394	.029137 .028679 .028228 .027784 .027348	.029065 .028613 .028168 .027731 .027301	.028990 .028544 .028106 .027675 .027250	.028913 .028474 .028042 .027616 .027197	.028834 .028401 .027975 .027555 .027142	.028754 .028327 .027906 .027492 .027085	.028672 .028251 .027836 .027428 .027025	.028588 .028173 .027764 .027361 .026964
5.5		.027131 .026671 .026220 .025777 .025343	.027111 .026657 .026211 .025773 .025344	.027088 .026639 .026198 .025766 .025341	.027060 .026617 .026182 .025755 .025335	.027030 .026592 .026162 .025740 .025325	.026996 .026564 .026139 .025722 .025312	.026959 .026533 .026113 .025701 .025296	.026920 .026498 .026084 .025677 .025277	.026877 .026461 .026052 .025650 .025255	.026832 .026422 .026018 .025620 .025230	.026785 .026379 .025981 .025588 .025202	.026735 .026335 .025941 .025553 .025172	.026683 .026288 .025899 .025516 .025139	.026629 .026239 .025855 .025477 .025104	.026573 .026188 .025809 .025435 .025067
6.0		.024917 .024500 .024090 .023689 .023295	.024923 .024510 .024105 .023708 .023318	.024925 .024516 .024116 .023722 .023337	.024923 .024519 .024123 .023734 .023352	.024918 .024519 .024126 .023741 .023363	.024910 .024515 .024127 .023746 .023371	.024898 .024508 .024124 .023747 .023376	.024884 .024497 .024118 .023745 .023378	.024866 .024484 .024109 .023740 .023377	.024846 .024468 .024097 .023732 .023373	.024822 .024449 .024082 .023721 .023366	.024797 .024428 .024065 .023708 .023357	.024769 .024404 .024045 .023692 .023345	.024738 .024378 .024023 .023674 .023330	.024705 .024349 .023998 .023653 .023313
6.5		.022910 .022532 .022161 .021798 .021441	.022936 .022561 .022194 .021834 .021480	.022958 .022587 .022223 .021866 .021516	.022977 .022609 .022249 .021895 .021548	.022992 .022628 .022271 .021920 .021576	.023004 .022644 .022290 .021942 .021601	.023013 .022656 .022305 .021961 .021623	.023018 .022665 .022318 .021976 .021642	.023021 .022671 .022327 .021989 .021657	.023020 .022674 .022333 .021999 .021670	.023017 .022674 .022337 .022006 .021680	.023011 .022672 .022338 .022010 .021687	.023003 .022667 .022337 .022012 .021692	.022992 .022660 .022333 .022011 .021694	.022979 .022650 .022326 .022008 .021694
7.0		.021092 .020750 .020415 .020086 .019764	.021134 .020794 .020462 .020135 .019815	.021172 .020835 .020505 .020181 .019863	.021207 .020873 .020545 .020223 .019908	.021238 .020907 .020582 .020263 .019949	.021266 .020937 .020615 .020298 .019988	.021291 .020965 .020645 .020331 .020023	.021313 .020990 .020672 .020361 .020055	.021331 .021011 .020696 .020388 .020084	.021347 .021030 .020718 .020411 .020110	.021360 .021045 .020736 .020433 .020134	.021370 .021059 .020752 .020451 .020155	.021378 .021069 .020765 .020467 .020173	.021383 .021077 .020776 .020480 .020189	.021386 .021083 .020785 .020491 .020203
7.5		.019448 .019138 .018835 .018537 .018246	.019501 .019194 .018892 .018597 .018307	.019552 .019246 .018947 .018653 .018364	.019599 .019295 .018997 .018705 .018419	.019642 .019341 .019045 .018755 .018470	.019683 .019384 .019090 .018802 .018519	.019720 .019423 .019131 .018845 .018564	.019755 .019460 .019170 .018886 .018607	.019786 .019493 .019206 .018924 .018646	.019815 .019524 .019239 .018959 .018683	.019841 .019553 .019269 .018991 .018718	.019864 .019578 .019297 .019021 .018750	.019885 .019601 .019322 .019048 .018779	.019903 .019622 .019345 .019073 .018806	.019919 .019640 .019365 .019095 .018830
8.0		.017960 .017680 .017405 .017136 .016872	.018023 .017744 .017471 .017203 .016940	.018082 .017805 .017533 .017266 .017005	.018138 .017862 .017592 .017327 .017067	.018191 .017917 .017648 .017384 .017125	.018241 .017969 .017701 .017439 .017181	.018288 .018018 .017752 .017491 .017235	.018333 .018063 .017799 .017540 .017285	.018374 .018107 .017844 .017586 .017333	.018413 .018147 .017886 .017630 .017378	.018449 .018185 .017926 .017671 .017421	.018483 .018221 .017963 .017710 .017461	.018514 .018254 .017998 .017746 .017499	.018543 .018284 .018030 .017780 .017535	.018569 .018312 .018060 .017812 .017568
8.5		.016614 .016360 .016112 .015868 .015629	.016683 .016430 .016182 .015940 .015701	.016748 .016497 .016250 .016008 .015771	.016811 .016561 .016315 .016074 .015838	.016871 .016622 .016378 .016138 .015902	.016929 .016681 .016437 .016198 .015964	.016983 .016736 .016494 .016256 .016023	.017035 .016790 .016548 .016312 .016079	.017084 .016840 .016600 .016365 .016133	.017131 .016888 .016649 .016415 .016185	.017175 .016934 .016696 .016463 .016234	.017217 .016977 .016741 .016509 .016281	.017256 .017017 .016783 .016552 .016325	.017293 .017056 .016822 .016593 .016368	.017328 .017092 .016860 .016632 .016408
9.0		.015395 .015165 .014940 .014719 .014502	.015468 .015239 .015014 .014794 .014578	.015538 .015310 .015086 .014866 .014651	.015606 .015379 .015155 .014936 .014721	.015671 .015444 .015222 .015003 .014789	.015734 .015508 .015286 .015068 .014855	.015794 .015569 .015348 .015131 .014918	.015851 .015627 .015407 .015191 .014978	.015906 .015683 .015464 .015248 .015037	.015959 .015736 .015518 .015304 .015093	.016009 .015788 .015570 .015357 .015147	.016057 .015837 .015620 .015408 .015199	.016102 .015883 .015668 .015456 .015248	.016146 .015928 .015714 .015503 .015296	.016187 .015970 .015757 .015548 .015341
9.5		.014290 .014081 .013877 .013677 .013480	.014366 .014158 .013954 .013754 .013557	.014439 .014232 .014028 .013828 .013632	.014510 .014303 .014100 .013901 .013705	.014579 .014372 .014170 .013971 .013775	.014645 .014439 .014237 .014038 .013844	.014709 .014503 .014302 .014104 .013909	.014770 .014565 .014364 .014167 .013973	.014829 .014625 .014425 .014228 .014035	.014886 .014683 .014483 .014287 .014094	.014941 .014738 .014539 .014344 .014152	.014993 .014792 .014593 .014398 .014207	.015044 .014843 .014645 .014451 .014260	.015092 .014892 .014695 .014502 .014312	.015139 .014939 .014743 .014551 .014361

A(r,z)															
r	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
z															
5.0	.028502 .028093 .027690 .027292 .026901	.028415 .028012 .027614 .027222 .026836	.028327 .027930 .027537 .027151 .026769	.028238 .027846 .027459 .027077 .026701	.028147 .027761 .027379 .027003 .026632	.028056 .027675 .027298 .026927 .026561	.027964 .027588 .027216 .026850 .026489	.027870 .027499 .027133 .026772 .026415	.027776 .027410 .027049 .026693 .026341	.027681 .027321 .026964 .026613 .026266	.027586 .027230 .026879 .026532 .026189	.027489 .027139 .026792 .026450 .026112	.027393 .027047 .026705 .026367 .026033	.027295 .026954 .026617 .026284 .025954	.027198 .026861 .026528 .026200 .025875
5.5	.026515 .026135 .025760 .025391 .025028	.026455 .026080 .025710 .025346 .024987	.026394 .026023 .025658 .025298 .024944	.026330 .025965 .025604 .025249 .024899	.026266 .025905 .025549 .025198 .024852	.026200 .025843 .025492 .025145 .024804	.026132 .025780 .025434 .025091 .024754	.026064 .025716 .025374 .025036 .024702	.025994 .025651 .025313 .024979 .024650	.025923 .025584 .025250 .024921 .024595	.025851 .025517 .025187 .024861 .024540	.025778 .025448 .025122 .024801 .024483	.025704 .025378 .025057 .024739 .024426	.025629 .025308 .024990 .024676 .024367	.025553 .025236 .024923 .024613 .024307
6.0	.024670 .024318 .023971 .023630 .023294	.024633 .024285 .023943 .023605 .023273	.024595 .024250 .023912 .023578 .023249	.024554 .024214 .023879 .023549 .023224	.024511 .024175 .023844 .023518 .023196	.024467 .024135 .023808 .023485 .023167	.024421 .024093 .023769 .023451 .023136	.024374 .024049 .023730 .023414 .023104	.024325 .024004 .023688 .023377 .023069	.024275 .023958 .023646 .023337 .023034	.024223 .023910 .023601 .023297 .022996	.024170 .023861 .023556 .023255 .022958	.024116 .023811 .023509 .023211 .022918	.024061 .023759 .023461 .023167 .022876	.024005 .023706 .023412 .023121 .022834
6.5	.022963 .022638 .022317 .022002 .021692	.022945 .022623 .022306 .021994 .021687	.022926 .022607 .022293 .021984 .021680	.022904 .022588 .022278 .021972 .021671	.022880 .022568 .022260 .021958 .021660	.022854 .022545 .022241 .021942 .021647	.022826 .022521 .022220 .021924 .021632	.022797 .022495 .022198 .021904 .021615	.022766 .022468 .022173 .021883 .021597	.022734 .022438 .022147 .021860 .021577	.022700 .022408 .022119 .021835 .021555	.022665 .022376 .022090 .021809 .021532	.022628 .022342 .022060 .021781 .021507	.022590 .022307 .022028 .021752 .021481	.022550 .022271 .021995 .021722 .021453
7.0	.021386 .021086 .020791 .020500 .020214	.021385 .021087 .020794 .020506 .020223	.021381 .021086 .020796 .020510 .020229	.021374 .021082 .020795 .020512 .020234	.021366 .021077 .020792 .020512 .020236	.021356 .021070 .020788 .020506 .020237	.021344 .021061 .020781 .020506 .020235	.021330 .021049 .020773 .020500 .020232	.021315 .021037 .020763 .020493 .020227	.021297 .021022 .020751 .020483 .020220	.021278 .021006 .020737 .020472 .020211	.021258 .020988 .020722 .020460 .020201	.021236 .020969 .020705 .020446 .020189	.021213 .020948 .020687 .020430 .020176	.021188 .020926 .020668 .020413 .020161
7.5	.019932 .019656 .019383 .019116 .018852	.019944 .019669 .019399 .019133 .018872	.019953 .019681 .019413 .019149 .018890	.019960 .019690 .019424 .019163 .018906	.019964 .019697 .019434 .019174 .018919	.019967 .019702 .019441 .019184 .018931	.019968 .019705 .019446 .019191 .018940	.019967 .019707 .019450 .019197 .018948	.019965 .019706 .019452 .019203 .018954	.019960 .019700 .019450 .019204 .018958	.019954 .019700 .019447 .019203 .018962	.019946 .019695 .019447 .019203 .018962	.019937 .019688 .019442 .019200 .018961	.019926 .019679 .019436 .019196 .018959	.019913 .019669 .019428 .019190 .018955
8.0	.018593 .018338 .018088 .017841 .017599	.018615 .018362 .018113 .017868 .017628	.018635 .018384 .018137 .017894 .017654	.018652 .018403 .018158 .017917 .017679	.018668 .018421 .018177 .017938 .017702	.018681 .018436 .018195 .017957 .017723	.018693 .018450 .018210 .017974 .017741	.018703 .018461 .018223 .017989 .017758	.018711 .018471 .018235 .018003 .017774	.018717 .018479 .018245 .018014 .017787	.018722 .018486 .018254 .018025 .017799	.018725 .018491 .018260 .018033 .017809	.018726 .018494 .018265 .018040 .017818	.018726 .018495 .018269 .018045 .017825	.018724 .018496 .018271 .018049 .017830
8.5	.017360 .017126 .016895 .016669 .016446	.017391 .017158 .016929 .016703 .016482	.017419 .017188 .016960 .016736 .016516	.017445 .017216 .016989 .016767 .016548	.017470 .017241 .017017 .016795 .016578	.017492 .017265 .017042 .016822 .016606	.017513 .017287 .017065 .016847 .016632	.017531 .017308 .017087 .016870 .016657	.017548 .017326 .017107 .016892 .016679	.017563 .017343 .017125 .016911 .016700	.017577 .017358 .017142 .016929 .016720	.017588 .017371 .017157 .016946 .016738	.017599 .017383 .017170 .016960 .016754	.017607 .017393 .017182 .016974 .016769	.017614 .017402 .017192 .016985 .016782
9.0	.016226 .016011 .015799 .015590 .015385	.016264 .016049 .015838 .015631 .015426	.016299 .016085 .015876 .015669 .015466	.016332 .016120 .015911 .015706 .015504	.016363 .016152 .015945 .015741 .015540	.016393 .016183 .015977 .015774 .015574	.016420 .016212 .016007 .015805 .015606	.016446 .016239 .016035 .015834 .015637	.016470 .016264 .016062 .015862 .015665	.016493 .016288 .016087 .015888 .015693	.016513 .016310 .016110 .015913 .015718	.016533 .016331 .016132 .015936 .015742	.016550 .016350 .016152 .015957 .015765	.016566 .016367 .016170 .015977 .015786	.016581 .016383 .016188 .015995 .015806
9.5	.015183 .014985 .014790 .014598 .014409	.015226 .015028 .014834 .014643 .014455	.015266 .015070 .014876 .014686 .014499	.015305 .015109 .014917 .014727 .014541	.015342 .015147 .014955 .014767 .014581	.015377 .015183 .014992 .014805 .014620	.015410 .015217 .015028 .014841 .014657	.015442 .015250 .015061 .014875 .014692	.015472 .015281 .015093 .014908 .014726	.015500 .015310 .015124 .014940 .014758	.015527 .015338 .015152 .014969 .014789	.015552 .015365 .015180 .014998 .014818	.015576 .015389 .015206 .015024 .014846	.015598 .015413 .015230 .015050 .014872	.015619 .015434 .015253 .015074 .014897

		rA(r,z)														
r	z	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
-10.0		.000000	.009975	.039901	.089777	.159603	.249381	.359109	.488788	.638419	.808002	.997537	.997024	.996464	.995858	.995206
		.000000	.009975	.039899	.089772	.159595	.249368	.359091	.488764	.638388	.807962	.997487	.996965	.996394	.995776	.995110
		.000000	.009974	.039897	.089768	.159587	.249356	.359073	.488739	.638355	.807921	.997437	.996904	.996321	.995691	.995012
		.000000	.009974	.039895	.089763	.159579	.249342	.359054	.488713	.638321	.807878	.997384	.996840	.996246	.995603	.994911
		.000000	.009973	.039892	.089758	.159570	.249329	.359034	.488687	.638287	.807834	.997331	.996775	.996169	.995513	.994807
- 9.5		.000000	.009973	.039890	.089753	.159561	.249315	.359014	.488659	.638251	.807789	.997275	.996708	.996090	.995420	.994700
		.000000	.009972	.039888	.089748	.159552	.249300	.358993	.488631	.638214	.807743	.997218	.996639	.996008	.995324	.994589
		.000000	.009971	.039885	.089742	.159542	.249285	.358972	.488602	.638176	.807695	.997158	.996568	.995923	.995225	.994475
		.000000	.009971	.039883	.089737	.159532	.249270	.358949	.488571	.638137	.807645	.997097	.996494	.995836	.995124	.994357
		.000000	.009970	.039880	.089731	.159522	.249254	.358926	.488540	.638096	.807594	.997034	.996418	.995746	.995018	.994236
- 9.0		.000000	.009969	.039878	.089725	.159511	.249237	.358903	.488508	.638054	.807541	.996969	.996340	.995653	.994910	.994110
		.000000	.009969	.039875	.089719	.159500	.249220	.358878	.488475	.638011	.807486	.996902	.996259	.995557	.994797	.993981
		.000000	.009968	.039872	.089712	.159489	.249203	.358853	.488441	.637966	.807430	.996833	.996175	.995458	.994681	.993847
		.000000	.009967	.039869	.089706	.159478	.249184	.358827	.488405	.637920	.807371	.996761	.996089	.995355	.994562	.993709
		.000000	.009967	.039866	.089699	.159465	.249165	.358800	.488368	.637872	.807311	.996686	.995999	.995249	.994438	.993566
- 8.5		.000000	.009966	.039863	.089692	.159453	.249146	.358772	.488330	.637822	.807249	.996610	.995906	.995139	.994310	.993418
		.000000	.009965	.039860	.089685	.159440	.249126	.358743	.488291	.637771	.807184	.996530	.995811	.995026	.994177	.993265
		.000000	.009964	.039856	.089677	.159427	.249105	.358713	.488250	.637718	.807117	.996448	.995711	.994908	.994040	.993107
		.000000	.009963	.039853	.089669	.159413	.249083	.358681	.488208	.637663	.807048	.996362	.995609	.994787	.993898	.992943
		.000000	.009962	.039849	.089661	.159398	.249061	.358649	.488164	.637606	.806976	.996274	.995502	.994660	.993750	.992773
- 8.0		.000000	.009961	.039846	.089653	.159383	.249037	.358616	.488119	.637547	.806901	.996182	.995392	.994530	.993598	.992597
		.000000	.009960	.039842	.089644	.159368	.249013	.358581	.488071	.637486	.806824	.996087	.995277	.994394	.993440	.992415
		.000000	.009959	.039838	.089635	.159352	.248988	.358545	.488023	.637422	.806744	.995989	.995159	.994254	.993276	.992226
		.000000	.009958	.039834	.089626	.159335	.248962	.358508	.487972	.637356	.806660	.995887	.995035	.994108	.993106	.992030
		.000000	.009957	.039829	.089616	.159318	.248935	.358469	.487919	.637287	.806574	.995780	.994908	.993957	.992929	.991827
- 7.5		.000000	.009956	.039825	.089606	.159300	.248907	.358428	.487864	.637216	.806484	.995670	.994775	.993799	.992746	.991615
		.000000	.009955	.039820	.089595	.159281	.248878	.358386	.487807	.637142	.806391	.995555	.994637	.993636	.992555	.991396
		.000000	.009954	.039815	.089584	.159261	.248847	.358343	.487748	.637065	.806294	.995436	.994493	.993466	.992357	.991168
		.000000	.009952	.039810	.089573	.159241	.248816	.358297	.487686	.636985	.806192	.995312	.994344	.993289	.992151	.990931
		.000000	.009951	.039805	.089561	.159220	.248783	.358250	.487622	.636901	.806087	.995182	.994188	.993106	.991937	.990684
- 7.0		.000000	.009950	.039799	.089548	.159198	.248748	.358200	.487555	.636814	.805978	.995048	.994026	.992914	.991714	.990427
		.000000	.009948	.039793	.089535	.159175	.248712	.358149	.487486	.636723	.805863	.994908	.993858	.992715	.991481	.990160
		.000000	.009947	.039787	.089522	.159151	.248675	.358095	.487413	.636629	.805744	.994761	.993682	.992507	.991239	.989881
		.000000	.009945	.039781	.089508	.159126	.248636	.358039	.487337	.636530	.805620	.994609	.993498	.992290	.990987	.989591
		.000000	.009944	.039774	.089493	.159100	.248595	.357981	.487258	.636427	.805490	.994449	.993307	.992064	.990723	.989288
- 6.5		.000000	.009942	.039768	.089478	.159072	.248553	.357920	.487175	.636319	.805355	.994283	.993107	.991828	.990448	.988972
		.000000	.009940	.039760	.089461	.159044	.248508	.357856	.487088	.636206	.805213	.994109	.992898	.991581	.990161	.988641
		.000000	.009938	.039753	.089445	.159014	.248461	.357789	.486997	.636089	.805065	.993927	.992680	.991323	.989861	.988297
		.000000	.009936	.039745	.089427	.158982	.248413	.357719	.486902	.635965	.804909	.993737	.992451	.991053	.989547	.987936
		.000000	.009934	.039737	.089408	.158949	.248361	.357645	.486803	.635836	.804747	.993538	.992212	.990771	.989219	.987559
- 6.0		.000000	.009932	.039728	.089389	.158915	.248308	.357568	.486699	.635701	.804577	.993329	.991961	.990475	.988875	.987164
		.000000	.009930	.039719	.089368	.158879	.248251	.357487	.486589	.635559	.804398	.993110	.991699	.990165	.988515	.986751
		.000000	.009927	.039709	.089347	.158841	.248192	.357403	.486474	.635409	.804211	.992881	.991423	.989840	.988137	.986317
		.000000	.009925	.039699	.089324	.158801	.248130	.357313	.486354	.635253	.804014	.992639	.991134	.989499	.987741	.985863
		.000000	.009922	.039689	.089301	.158759	.248064	.357220	.486227	.635088	.803807	.992386	.990830	.989141	.987325	.985385
- 5.5		.000000	.009919	.039678	.089276	.158714	.247995	.357121	.486093	.634915	.803589	.992119	.990510	.988764	.986888	.984884
		.000000	.009916	.039666	.089249	.158668	.247923	.357017	.485952	.634732	.803359	.991839	.990173	.988368	.986428	.984357
		.000000	.009913	.039654	.089222	.158618	.247846	.356907	.485804	.634539	.803118	.991543	.989819	.987951	.985944	.983803
		.000000	.009910	.039641	.089192	.158566	.247765	.356791	.485647	.634336	.802863	.991231	.989446	.987512	.985434	.983219
		.000000	.009907	.039627	.089161	.158512	.247680	.356669	.485482	.634122	.802594	.990902	.989057	.987048	.984897	.982605

		rA(r,z)														
r	z	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-10.0		.994508	.993765	.992978	.992147	.991274	.990358	.989400	.988402	.987364	.986287	.985171	.984018	.982828	.981603	.980343
		.994399	.993642	.992839	.991993	.991102	.990169	.989194	.988177	.987119	.986022	.984886	.983711	.982500	.981252	.979970
		.994287	.993515	.992697	.991834	.990926	.989975	.988981	.987944	.986867	.985749	.984592	.983396	.982162	.980892	.979586
		.994171	.993384	.992550	.991670	.990745	.989775	.988762	.987705	.986608	.985469	.984289	.983071	.981815	.980521	.979192
		.994052	.993249	.992399	.991501	.990558	.989569	.988536	.987459	.986340	.985180	.983978	.982737	.981458	.980140	.978786
- 9.5		.993930	.993110	.992243	.991327	.990365	.989357	.988304	.987206	.986065	.984882	.983658	.982394	.981090	.979748	.978369
		.993803	.992967	.992082	.991148	.990167	.989138	.988064	.986945	.985782	.984576	.983328	.982040	.980711	.979344	.977939
		.993673	.992820	.991916	.990963	.989962	.988913	.987817	.986676	.985490	.984261	.982989	.981675	.980321	.978928	.977497
		.993538	.992668	.991745	.990773	.989751	.988681	.987563	.986399	.985189	.983935	.982639	.981300	.979920	.978500	.977042
		.993400	.992510	.991569	.990576	.989533	.988441	.987301	.986113	.984879	.983600	.982278	.980913	.979506	.978059	.976573
- 9.0		.993256	.992348	.991387	.990374	.989309	.988194	.987030	.985818	.984559	.983255	.981906	.980514	.979080	.977605	.976090
		.993109	.992181	.991199	.990164	.989077	.987939	.986751	.985514	.984230	.982899	.981523	.980103	.978640	.977137	.975593
		.992956	.992008	.991005	.989948	.988838	.987676	.986463	.985200	.983889	.982531	.981127	.979679	.978187	.976654	.975080
		.992798	.991829	.990805	.989725	.988591	.987404	.986165	.984876	.983538	.982152	.980719	.979242	.977720	.976156	.974551
		.992635	.991645	.990598	.989494	.988336	.987123	.985858	.984542	.983175	.981760	.980298	.978790	.977238	.975643	.974006
- 8.5		.992466	.991454	.990383	.989256	.988072	.986833	.985541	.984196	.982801	.981355	.979864	.978325	.976741	.975113	.973444
		.992291	.991257	.990162	.989009	.987799	.986533	.985213	.983839	.982414	.980933	.979415	.977844	.976227	.974567	.972864
		.992111	.991052	.989933	.988754	.987517	.986223	.984873	.983470	.982014	.980507	.978951	.977347	.975697	.974002	.972265
		.991924	.990841	.989696	.988490	.987225	.985902	.984523	.983088	.981601	.980061	.978472	.976834	.975149	.973419	.971646
		.991730	.990622	.989451	.988217	.986923	.985570	.984160	.982694	.981173	.979600	.977977	.976304	.974583	.972818	.971008
- 8.0		.991529	.990395	.989197	.987934	.986611	.985227	.983785	.982285	.980731	.979124	.977464	.975755	.973999	.972196	.970348
		.991322	.990160	.988933	.987642	.986287	.984871	.983396	.981863	.980274	.978630	.976935	.975189	.973394	.971553	.969667
		.991106	.989917	.988660	.987338	.985952	.984503	.982993	.981425	.979800	.978120	.976387	.974602	.972769	.970888	.968962
		.990882	.989664	.988377	.987023	.985604	.984121	.982576	.980972	.979309	.977591	.975819	.973995	.972122	.970200	.968233
		.990650	.989402	.988084	.986697	.985244	.983725	.982144	.980502	.978801	.977044	.975232	.973367	.971452	.969489	.967480
- 7.5		.990410	.989130	.987779	.986358	.984870	.983315	.981696	.980015	.978275	.976477	.974623	.972717	.970759	.968753	.966700
		.990159	.988848	.987463	.986007	.984482	.982889	.981231	.979510	.977729	.975889	.973993	.972043	.970041	.967990	.965893
		.989900	.988555	.987135	.985642	.984079	.982447	.980749	.978986	.977162	.975279	.973339	.971344	.969297	.967201	.965057
		.989629	.988250	.986793	.985263	.983660	.981988	.980248	.978443	.976575	.974647	.972661	.970620	.968527	.966383	.964192
		.989348	.987933	.986439	.984869	.983225	.981511	.979728	.977878	.975965	.973991	.971958	.969869	.967728	.965535	.963295
- 7.0		.989056	.987603	.986070	.984459	.982773	.981015	.979187	.977292	.975332	.973309	.971228	.969090	.966899	.964656	.962365
		.988751	.987259	.985686	.984033	.982303	.980500	.978625	.976682	.974674	.972602	.970470	.968282	.966039	.963744	.961402
		.988434	.986902	.985286	.983589	.981814	.979964	.978041	.976049	.973990	.971867	.969684	.967442	.965146	.962799	.960402
		.988104	.986529	.984869	.983127	.981305	.979406	.977433	.975390	.973279	.971103	.968866	.966570	.964220	.961817	.959365
		.987759	.986141	.984435	.982645	.980774	.978825	.976800	.974704	.972539	.970308	.968016	.965664	.963257	.960797	.958288
- 6.5		.987400	.985736	.983983	.982143	.980221	.978220	.976141	.973990	.971769	.969482	.967132	.964722	.962256	.959738	.957170
		.987024	.985313	.983510	.981620	.979645	.977589	.975455	.973246	.970968	.968621	.966212	.963742	.961216	.958637	.956009
		.986632	.984871	.983017	.981074	.979044	.977931	.974739	.972471	.970132	.967726	.965254	.962723	.960134	.957493	.954802
		.986223	.984410	.982503	.980503	.978416	.976244	.973992	.971663	.969262	.966792	.964257	.961662	.959009	.956303	.953548
		.985794	.983928	.981964	.979907	.977760	.975527	.973213	.970821	.968355	.965819	.963219	.960556	.957837	.955065	.952243
- 6.0		.985346	.983424	.981402	.979284	.977075	.974779	.972399	.969941	.967408	.964805	.962136	.959405	.956617	.953776	.950885
		.984876	.982896	.980813	.978633	.976359	.973996	.971549	.969022	.966420	.963746	.961006	.958205	.955346	.952433	.949472
		.984384	.982342	.980196	.977951	.975610	.973178	.970661	.968062	.965388	.962641	.959828	.956953	.954020	.951035	.948001
		.983868	.981763	.979551	.977236	.974825	.972322	.969731	.967059	.964309	.961487	.958598	.955647	.952639	.949577	.946468
		.983327	.981155	.978873	.976488	.974003	.971425	.968759	.966009	.963182	.960281	.957314	.954284	.951197	.948058	.944871
- 5.5		.982759	.980517	.978163	.975703	.973142	.970486	.967740	.964911	.962002	.959020	.955971	.952860	.949692	.946472	.943205
		.982162	.979846	.977417	.974879	.972239	.969502	.966673	.963760	.960767	.957702	.954568	.951372	.948120	.944817	.941468
		.981534	.979142	.976633	.974014	.971291	.968469	.965555	.962554	.959475	.956321	.953100	.949817	.946478	.943089	.939655
		.980873	.978401	.975810	.973105	.970295	.967385	.964381	.961290	.958120	.954875	.951563	.948190	.944762	.941284	.937763
		.980177	.977621	.974943	.972150	.969248	.966246	.963149	.959964	.956699	.953360	.949954	.946488	.942967	.939398	.935786

		rA(r,z)														
	r	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
z																
-10.0		.979048	.977721	.976362	.974971	.973550	.972100	.970622	.969116	.967584	.966026	.964444	.962839	.961210	.959560	.957890
		.978652	.977302	.975919	.974504	.973059	.971584	.970081	.968550	.966993	.965410	.963802	.962171	.960517	.958842	.957145
		.978245	.976871	.975463	.974024	.972554	.971054	.969526	.967969	.966386	.964777	.963144	.961487	.959807	.958105	.956382
		.977827	.976428	.974995	.973531	.972035	.970510	.968955	.967373	.965763	.964128	.962468	.960784	.959077	.957349	.955599
		.977396	.975972	.974514	.973024	.971502	.969950	.968369	.966760	.965124	.963461	.961774	.960063	.958329	.956573	.954796
- 9.5		.976954	.975503	.974019	.972503	.970954	.969375	.967767	.966130	.964466	.962776	.961061	.959322	.957560	.955777	.953972
		.976498	.975021	.973511	.971967	.970391	.968784	.967148	.965483	.963791	.962073	.960329	.958562	.956772	.954960	.953127
		.976029	.974525	.972987	.971415	.969811	.968177	.966512	.964818	.963097	.961350	.959577	.957781	.955962	.954121	.952259
		.975547	.974015	.972448	.970848	.969215	.967551	.965857	.964135	.962384	.960613	.958805	.956979	.955130	.953259	.951368
		.975050	.973489	.971894	.970264	.968602	.966908	.965184	.963432	.961651	.959844	.958011	.956155	.954276	.952375	.950454
- 9.0		.974538	.972948	.971323	.969664	.967971	.966247	.964492	.962708	.960897	.959059	.957195	.955308	.953398	.951466	.949514
		.974011	.972391	.970735	.969045	.967321	.965566	.963780	.961965	.960121	.958252	.956357	.954438	.952496	.950533	.948549
		.973467	.971817	.970130	.968408	.966652	.964865	.963047	.961199	.959324	.957422	.955494	.953543	.951569	.949573	.947558
		.972907	.971225	.969506	.967752	.965964	.964143	.962292	.960412	.958503	.956568	.954607	.952623	.950616	.948588	.946540
		.972330	.970615	.968863	.967075	.965254	.963400	.961515	.959601	.957658	.955689	.953695	.951676	.949636	.947574	.945493
- 8.5		.971734	.969986	.968200	.966378	.964523	.962634	.960715	.958766	.956788	.954785	.952756	.950703	.948628	.946532	.944417
		.971120	.969337	.967516	.965660	.963769	.961845	.959890	.957906	.955893	.953854	.951789	.949702	.947592	.945461	.943311
		.970486	.968668	.966812	.964919	.962992	.961032	.959041	.957020	.954971	.952895	.950795	.948671	.946525	.944359	.942174
		.969832	.967977	.966084	.964155	.962191	.960194	.958165	.956107	.954021	.951908	.949771	.947610	.945428	.943225	.941004
		.969156	.967264	.965334	.963367	.961365	.959329	.957263	.955166	.953042	.950892	.948716	.946518	.944298	.942059	.939801
- 8.0		.968458	.966528	.964559	.962553	.960512	.958438	.956332	.954197	.952033	.949844	.947630	.945393	.943136	.940858	.938563
		.967738	.965768	.963759	.961713	.959632	.957518	.955372	.953197	.950994	.948764	.946511	.944235	.941938	.939622	.937289
		.966993	.964982	.962933	.960846	.958724	.956568	.954382	.952165	.949921	.947652	.945358	.943042	.940705	.938350	.935978
		.966223	.964171	.962079	.959950	.957786	.955588	.953360	.951101	.948815	.946504	.944169	.941812	.939435	.937040	.934628
		.965426	.963332	.961197	.959025	.956817	.954577	.952305	.950003	.947675	.945321	.942944	.940545	.938127	.935690	.933238
- 7.5		.964603	.962464	.960285	.958068	.955817	.953531	.951215	.948870	.946498	.944100	.941680	.939239	.936778	.934300	.931807
		.963751	.961566	.959342	.957080	.954782	.952452	.950090	.947700	.945283	.942841	.940377	.937892	.935388	.932868	.930332
		.962868	.960637	.958366	.956057	.953713	.951336	.948928	.946491	.944028	.941541	.939032	.936503	.933955	.931391	.928813
		.961955	.959676	.957357	.955000	.952608	.950183	.947727	.945243	.942733	.940200	.937644	.935070	.932477	.929870	.927248
		.961009	.958681	.956312	.953906	.951464	.948990	.946486	.943953	.941395	.938814	.936212	.933591	.930953	.928300	.925635
- 7.0		.960029	.957649	.955230	.952773	.950281	.947756	.945202	.942620	.940013	.937384	.934734	.932065	.929381	.926682	.923972
		.959013	.956581	.954109	.951600	.949056	.946480	.943875	.941242	.938585	.935906	.933207	.930490	.927758	.925013	.922257
		.957959	.955474	.952948	.950386	.947788	.945160	.942501	.939817	.937109	.934379	.931630	.928864	.926084	.923292	.920489
		.956867	.954326	.951745	.949127	.946476	.943792	.941081	.938343	.935582	.932800	.930000	.927185	.924355	.921515	.918665
		.955733	.953135	.950498	.947824	.945115	.942377	.939610	.936818	.934003	.931169	.928317	.925450	.922571	.919681	.916783
- 6.5		.954557	.951900	.949204	.946472	.943706	.940910	.938087	.935239	.932370	.929481	.926577	.923658	.920728	.917788	.914842
		.953335	.950618	.947862	.945070	.942245	.939391	.936510	.933605	.930680	.927736	.924777	.921806	.918824	.915834	.912838
		.952066	.949287	.946469	.943616	.940730	.937816	.934876	.931913	.928930	.925931	.922917	.919891	.916857	.913816	.910770
		.950747	.947904	.945023	.942106	.939159	.936183	.933183	.930160	.927119	.924063	.920993	.917912	.914824	.911731	.908634
		.949376	.946467	.943521	.940540	.937529	.934490	.931428	.928345	.925244	.922129	.919002	.915866	.912723	.909577	.906429
- 6.0		.947950	.944974	.941960	.938913	.935836	.932734	.929608	.926463	.923301	.920126	.916941	.913749	.910551	.907352	.904152
		.946467	.943421	.940338	.937223	.934080	.930911	.927720	.924512	.921288	.918053	.914809	.911559	.908306	.905052	.901800
		.944923	.941805	.938652	.935467	.932255	.929019	.925762	.922489	.919202	.915905	.912601	.909293	.905983	.902674	.899369
		.943316	.940124	.936899	.933642	.930359	.927054	.923730	.920391	.917040	.913680	.910315	.906948	.903581	.900217	.896858
		.941642	.938375	.935074	.931744	.928389	.925013	.921620	.918214	.914797	.911374	.907947	.904520	.901095	.897675	.894263
- 5.5		.939897	.936552	.933175	.929770	.926341	.922893	.919430	.915955	.912471	.908984	.905494	.902006	.898523	.895047	.891580
		.938079	.934654	.931198	.927715	.924211	.920690	.917154	.913610	.910059	.906505	.902952	.899403	.895861	.892328	.888807
		.936182	.932675	.929138	.925577	.921996	.918399	.914790	.911175	.907555	.903935	.900318	.896707	.893105	.889515	.885939
		.934204	.930612	.926992	.923350	.919690	.916016	.912334	.908646	.904956	.901269	.897587	.893914	.890252	.886605	.882974
		.932138	.928460	.924755	.921030	.917290	.913538	.909779	.906018	.902258	.898503	.894755	.891019	.887298	.883593	.879907

rA(r,z)															
r	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
z															
-10.0	.956199 .955429 .954640 .953830 .953000	.954490 .953694 .952879 .952043 .951185	.952762 .951941 .951100 .948415 .949353	.951018 .950171 .949304 .948415 .947503	.949257 .948385 .947492 .946576 .945638	.947481 .946584 .945665 .944723 .943759	.945690 .944768 .943823 .942856 .941865	.943886 .942939 .941969 .940976 .939958	.942069 .941097 .940102 .939083 .938040	.940240 .939243 .938223 .937179 .936110	.938400 .937379 .936334 .935265 .934170	.936549 .935504 .934435 .933341 .932221	.934689 .933620 .932527 .931408 .930263	.932820 .931727 .930610 .929467 .928298	.930943 .929827 .928686 .927519 .926325
- 9.5	.952149 .951275 .950378 .949458 .948513	.950306 .949404 .948479 .947529 .946554	.948446 .947516 .946562 .945583 .944579	.946569 .945611 .944629 .943621 .942587	.944677 .943691 .942681 .941644 .940581	.942770 .941757 .940718 .939653 .938561	.940850 .939809 .938743 .937649 .936529	.938916 .937849 .936755 .935634 .934485	.936971 .935877 .934756 .933607 .932430	.935016 .933895 .932747 .931571 .930366	.933050 .931903 .930728 .929525 .928293	.931075 .929902 .928701 .927471 .926212	.929092 .927893 .926666 .925410 .924124	.927101 .925877 .924625 .923343 .922031	.925104 .923855 .922577 .921270 .919932
- 9.0	.947543 .946547 .945524 .944473 .943394	.945554 .944527 .943472 .942389 .941277	.943548 .942491 .941405 .940290 .939145	.941527 .940439 .939322 .938175 .936998	.939491 .938372 .937225 .936047 .934838	.937442 .936293 .935115 .933906 .932665	.935380 .934202 .932993 .931754 .930482	.933307 .932099 .930861 .929592 .928289	.931224 .929987 .928720 .927420 .926088	.929131 .927866 .926570 .925241 .923879	.927030 .925737 .924412 .923054 .921663	.924922 .923601 .922248 .920862 .919442	.922808 .921459 .920079 .918664 .917216	.920688 .919312 .917904 .916463 .914986	.918563 .917161 .915726 .914258 .912754
- 8.5	.942284 .941144 .939971 .938766 .937526	.940134 .938960 .937753 .936512 .935236	.937969 .936760 .935519 .934244 .932933	.935789 .934548 .933272 .931962 .930616	.933596 .932322 .931013 .929669 .928289	.931392 .930085 .928744 .927366 .925952	.929178 .927839 .926465 .925054 .923606	.926954 .925583 .924177 .922734 .921253	.924721 .923320 .921882 .920407 .918894	.922482 .921050 .919581 .918075 .916530	.920237 .918774 .917275 .915738 .914162	.917986 .916494 .914965 .913398 .911791	.915732 .914211 .912653 .911056 .909419	.913474 .911925 .910338 .908712 .907046	.911214 .909637 .908022 .906368 .904674
- 8.0	.936251 .934940 .933590 .932201 .930771	.933925 .932576 .931188 .929761 .928292	.931585 .930199 .928774 .927309 .925801	.929233 .927811 .926349 .924847 .923301	.926870 .925413 .923915 .922375 .920793	.924499 .923006 .921473 .919897 .918278	.922119 .920592 .919023 .917412 .915757	.919732 .918172 .916569 .914923 .913233	.917341 .915747 .914110 .912431 .910706	.914944 .913318 .911649 .909936 .908178	.912545 .910887 .909186 .907440 .905649	.910144 .908454 .906722 .904945 .903122	.907741 .906022 .904258 .902450 .900596	.905339 .903589 .901796 .900058 .898074	.902938 .901159 .899337 .897469 .895556
- 7.5	.929300 .927784 .926223 .924615 .922958	.926780 .925224 .923622 .921972 .920273	.924250 .922654 .921012 .919321 .917580	.921711 .920076 .918394 .916663 .914881	.919165 .917492 .915771 .914000 .912179	.916613 .914902 .913143 .911334 .909474	.914057 .912309 .910512 .908666 .906768	.911497 .909713 .907881 .905997 .904062	.908935 .907116 .905249 .903330 .901358	.906373 .904520 .902618 .900664 .898658	.903811 .901925 .900089 .898002 .895962	.901252 .899333 .897365 .895344 .893271	.898695 .896745 .894744 .892692 .890587	.896142 .894161 .892130 .890047 .887911	.893594 .891584 .889523 .887410 .885243
- 7.0	.921251 .919492 .917678 .915808 .913880	.918523 .916719 .914861 .912946 .910972	.915787 .913941 .912040 .910081 .908062	.913047 .911159 .909216 .907214 .905152	.910304 .908376 .906391 .904347 .902243	.907560 .905592 .903566 .901482 .899337	.904816 .902809 .900744 .898621 .896437	.902073 .900028 .897926 .895764 .893542	.899333 .897252 .895113 .892914 .890654	.896597 .894480 .892306 .890072 .887776	.893867 .891716 .889507 .887238 .884908	.891143 .888959 .886716 .884414 .882051	.888427 .886211 .883936 .881602 .879206	.885720 .883472 .881167 .878802 .876375	.883022 .880745 .878410 .876015 .873559
- 6.5	.911891 .909839 .907722 .905537 .903282	.908937 .906838 .904674 .902441 .900138	.905982 .903838 .901627 .899349 .896999	.903028 .900840 .898585 .896261 .893866	.900077 .897846 .895548 .893181 .890743	.897130 .894858 .892518 .890109 .887629	.894189 .891877 .889497 .887048 .884527	.891256 .888905 .886486 .883999 .881439	.888331 .885943 .883487 .880962 .878365	.885417 .882993 .880501 .877940 .875308	.882514 .880055 .877529 .874934 .872267	.879624 .877132 .874573 .871945 .869245	.876748 .874224 .871633 .868973 .866243	.873886 .871331 .868710 .866020 .863260	.871040 .868456 .865806 .863087 .860299
- 6.0	.900955 .898552 .896070 .893507 .890860	.897762 .895310 .892779 .890166 .887469	.894576 .892076 .889498 .886838 .884093	.891398 .888853 .886229 .883523 .880732	.888230 .885641 .882973 .880224 .877389	.885075 .882444 .879734 .876942 .874066	.881933 .879261 .876511 .873679 .870763	.878805 .876096 .873307 .870437 .867483	.875695 .872948 .870122 .867216 .864226	.872602 .869819 .866959 .864018 .860994	.869527 .866711 .863818 .860844 .857788	.866473 .863625 .860700 .857695 .854609	.863439 .860561 .857606 .854572 .851457	.860428 .857521 .854537 .851475 .848333	.857438 .854504 .851494 .848406 .845238
- 5.5	.888125 .885300 .882380 .879362 .876244	.884685 .881809 .878839 .875772 .872604	.881260 .878337 .875320 .872205 .868990	.877854 .874885 .871823 .868653 .865404	.874468 .871456 .868350 .865148 .861846	.871103 .868049 .864903 .861661 .858320	.867761 .864668 .861484 .858203 .854825	.864443 .861314 .858092 .854777 .851364	.861151 .857986 .854731 .851382 .847936	.857885 .854688 .851400 .848020 .844544	.854647 .851419 .848101 .844692 .841187	.851438 .848181 .844835 .841398 .837867	.848258 .844973 .841601 .838139 .834584	.845108 .841798 .838401 .834916 .831338	.841989 .838655 .835236 .831728 .828131

		rA(r,z)														
r	z	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
-10.0		.929058	.927167	.925270	.923367	.921460	.919549	.917635	.915717	.913798	.911876	.909954	.908031	.906109	.904186	.902265
		.927919	.926005	.924086	.922161	.920232	.918299	.916363	.914425	.912485	.910544	.908602	.906659	.904717	.902776	.900837
		.926755	.924818	.922875	.920928	.918977	.917022	.915065	.913106	.911145	.909183	.907221	.905259	.903298	.901338	.899380
		.925564	.923604	.921638	.919668	.917695	.915718	.913739	.911759	.909777	.907795	.905813	.903831	.901851	.899872	.897895
		.924346	.922362	.920374	.918381	.916385	.914386	.912385	.910383	.908381	.906378	.904375	.902374	.900374	.898376	.896381
- 9.5		.923101	.921093	.919081	.917065	.915046	.913025	.911002	.908979	.906955	.904931	.902908	.900887	.898868	.896851	.894837
		.921828	.919796	.917759	.915720	.913678	.911634	.909590	.907544	.905499	.903454	.901411	.899370	.897331	.895295	.893262
		.920525	.918468	.916408	.914345	.912280	.910214	.908146	.906079	.904012	.901947	.899883	.897821	.895763	.893707	.891656
		.919192	.917111	.915027	.912940	.910851	.908762	.906672	.904582	.902494	.900407	.898323	.896241	.894163	.892088	.890018
		.917829	.915723	.913614	.911503	.909390	.907278	.905165	.903054	.900944	.898836	.896730	.894628	.892530	.890436	.888347
- 9.0		.916434	.914302	.912169	.910033	.907897	.905761	.903626	.901492	.899360	.897231	.895104	.892982	.890864	.888750	.886642
		.915007	.912849	.910691	.908531	.906371	.904211	.902053	.899896	.897742	.895591	.893444	.891301	.889163	.887031	.884904
		.913546	.911363	.909179	.906994	.904810	.902627	.900445	.898266	.896090	.893918	.891749	.889586	.887428	.885276	.883130
		.912050	.909842	.907632	.905423	.903214	.901007	.898802	.896600	.894402	.892208	.890019	.887835	.885657	.883485	.881320
		.910520	.908285	.906050	.903815	.901582	.899351	.897123	.894898	.892677	.890462	.888251	.886047	.883849	.881658	.879474
- 8.5		.908953	.906692	.904430	.902171	.899913	.897658	.895406	.893158	.890916	.888678	.886447	.884222	.882004	.879793	.877591
		.907349	.905061	.902774	.900488	.898206	.895926	.893651	.891381	.889115	.886856	.884603	.882358	.880120	.877890	.875669
		.905706	.903392	.901078	.898767	.896460	.894156	.891857	.889563	.887276	.884995	.882721	.880455	.878197	.875948	.873709
		.904025	.901683	.899343	.897006	.894674	.892346	.890023	.887706	.885396	.883093	.880798	.878512	.876234	.873966	.871708
		.902302	.899933	.897567	.895204	.892847	.890494	.888148	.885808	.883475	.881151	.878835	.876528	.874230	.871943	.869667
- 8.0		.900538	.898142	.895749	.893360	.890977	.888600	.886230	.883867	.881512	.879166	.876829	.874502	.872185	.869878	.867583
		.898732	.896307	.893888	.891473	.889065	.886663	.884269	.881883	.879506	.877138	.874780	.872432	.870096	.867771	.865458
		.896881	.894429	.891983	.889542	.887108	.884682	.882264	.879855	.877455	.875066	.872687	.870319	.867963	.865620	.863289
		.894985	.892505	.890032	.887565	.885106	.882655	.880213	.877781	.875359	.872948	.870549	.868161	.865786	.863424	.861075
		.893042	.890535	.888034	.885541	.883057	.880582	.878116	.875661	.873217	.870785	.868365	.865957	.863563	.861182	.858816
- 7.5		.891052	.888517	.885989	.883470	.880960	.878460	.875971	.873493	.871027	.868574	.866133	.863706	.861293	.858894	.856511
		.889013	.886449	.883895	.881349	.878814	.876290	.873777	.871276	.868789	.866314	.863853	.861407	.858975	.856559	.854158
		.886923	.884331	.881750	.879178	.876618	.874069	.871533	.869010	.866500	.864005	.861524	.859059	.856609	.854175	.851757
		.884781	.882162	.879553	.876955	.874370	.871797	.869237	.866692	.864161	.861645	.859144	.856660	.854192	.851741	.849307
		.882586	.879939	.877303	.874679	.872069	.869472	.866889	.864322	.861769	.859233	.856713	.854210	.851725	.849257	.846807
- 7.0		.880336	.877661	.874998	.872349	.869713	.867093	.864487	.861898	.859324	.856768	.854229	.851708	.849205	.846720	.844255
		.878030	.875327	.872637	.869962	.867302	.864658	.862030	.859419	.856825	.854249	.851691	.849152	.846632	.844132	.841651
		.875665	.872935	.870219	.867519	.864834	.862167	.859516	.856884	.854269	.851674	.849098	.846542	.844005	.841489	.838993
		.873242	.870484	.867742	.865016	.862308	.859617	.856944	.854291	.851657	.849043	.846449	.843875	.841323	.838791	.836282
		.870757	.867972	.865204	.862453	.859721	.857007	.854313	.851639	.848986	.846353	.843742	.841152	.838584	.836038	.833514
- 6.5		.868210	.865398	.862604	.859828	.857073	.854337	.851622	.848928	.846255	.843604	.840976	.838370	.835787	.833227	.830690
		.865598	.862759	.859940	.857140	.854362	.851604	.848868	.846154	.843463	.840795	.838150	.835529	.832932	.830358	.827809
		.862921	.860055	.857211	.854387	.851586	.848807	.846051	.843318	.840609	.837924	.835263	.832627	.830016	.827430	.824869
		.860175	.857284	.854414	.851568	.848744	.845945	.843169	.840418	.837691	.834990	.832314	.829664	.827040	.824441	.821869
		.857360	.854443	.851550	.848680	.845835	.843015	.840220	.837451	.834708	.831991	.829301	.826638	.824001	.821391	.818809
- 6.0		.854473	.851531	.848614	.845723	.842857	.840017	.837204	.834418	.831659	.828927	.826223	.823547	.820899	.818279	.815686
		.851513	.848547	.845607	.842694	.839808	.836949	.834118	.831316	.828542	.825796	.823079	.820391	.817732	.815102	.812501
		.848477	.845488	.842526	.839592	.836686	.833809	.830962	.828144	.825355	.822596	.819868	.817169	.814500	.811861	.809252
		.845365	.842352	.839369	.836415	.833490	.830596	.827733	.824900	.822098	.819327	.816587	.813878	.811200	.808554	.805938
		.842173	.839138	.836134	.833161	.830219	.827309	.824430	.821584	.818769	.815987	.813237	.810519	.807833	.805179	.802558
- 5.5		.838901	.835845	.832821	.829829	.826871	.823945	.821052	.818193	.815367	.812575	.809815	.807089	.804397	.801737	.799110
		.835545	.832469	.829426	.826417	.823443	.820503	.817597	.814727	.811890	.809088	.806321	.803588	.800890	.798226	.795595
		.832105	.829009	.825949	.822924	.819935	.816982	.814064	.811183	.808337	.805528	.802754	.800015	.797312	.794644	.792011
		.828578	.825464	.822387	.819347	.816344	.813379	.810451	.807560	.804707	.801890	.799111	.796368	.793661	.790991	.788357
		.824961	.821830	.818738	.815685	.812670	.809694	.806757	.803858	.800998	.798176	.795392	.792646	.789937	.787266	.784631

		rA(r,z)														
r	z	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
-10.0		.900345	.898427	.896511	.894598	.892688	.890782	.888880	.886982	.885089	.883200	.881317	.879440	.877566	.875703	.873844
		.898899	.896963	.895030	.893100	.891174	.889252	.887334	.885420	.883512	.881609	.879712	.877820	.875935	.874057	.872185
		.897424	.895471	.893521	.891574	.889631	.887693	.885759	.883831	.881907	.879990	.878078	.876173	.874275	.872383	.870499
		.895921	.893950	.891983	.890019	.888060	.886105	.884156	.882212	.880274	.878342	.876416	.874497	.872585	.870680	.868783
		.894389	.892400	.890415	.888435	.886459	.884488	.882523	.880564	.878611	.876664	.874724	.872792	.870866	.868949	.867039
- 9.5		.892826	.890820	.888817	.886820	.884828	.882841	.880860	.878885	.876917	.874956	.873003	.871056	.869118	.867187	.865265
		.891233	.889209	.887189	.885175	.883166	.881163	.879166	.877176	.875194	.873218	.871250	.869291	.867339	.865396	.863462
		.889609	.887566	.885529	.883498	.881472	.879453	.877441	.875436	.873439	.871449	.869467	.867494	.865529	.863574	.861627
		.887952	.885892	.883837	.881789	.879747	.877712	.875684	.873664	.871652	.869648	.867652	.865666	.863688	.861720	.859761
		.886263	.884185	.882113	.880047	.877989	.875938	.873895	.871860	.869833	.867815	.865805	.863806	.861815	.859835	.857864
- 9.0		.884540	.882444	.880355	.878272	.876198	.874131	.872072	.870022	.867980	.865948	.863926	.861913	.859909	.857917	.855934
		.882783	.880669	.878562	.876463	.874372	.872289	.870215	.868150	.866094	.864048	.862012	.859986	.857971	.855966	.853972
		.880991	.878859	.876735	.874619	.872512	.870413	.868324	.866244	.864174	.862114	.860065	.858026	.855998	.853981	.851976
		.879163	.877014	.874872	.872740	.870616	.868502	.866397	.864303	.862219	.860145	.858083	.856031	.853991	.851962	.849946
		.877299	.875132	.872973	.870824	.868684	.866554	.864435	.862326	.860228	.858141	.856065	.854001	.851949	.849909	.847881
- 8.5		.875397	.873212	.871037	.868871	.866715	.864570	.862436	.860312	.858201	.856100	.854012	.851936	.849872	.847820	.845781
		.873457	.871255	.869062	.866880	.864709	.862548	.860399	.858262	.856136	.854023	.851922	.849833	.847758	.845695	.843646
		.871479	.869259	.867049	.864851	.862664	.860488	.858325	.856173	.854034	.851908	.849794	.847694	.845607	.843534	.841474
		.869460	.867223	.864997	.862782	.860580	.858389	.856211	.854046	.851894	.849755	.847629	.845517	.843419	.841336	.839266
		.867401	.865146	.862904	.860673	.858455	.856250	.854058	.851879	.849714	.847563	.845425	.843302	.841193	.839099	.837020
- 8.0		.865300	.863029	.860770	.858524	.856291	.854071	.851865	.849673	.847495	.845331	.843182	.841048	.838929	.836825	.834735
		.863157	.860869	.858594	.856332	.854084	.851850	.849630	.847425	.845235	.843059	.840899	.838754	.836625	.834511	.832413
		.860970	.858666	.856375	.854098	.851835	.849587	.847354	.845136	.842934	.840747	.838575	.836420	.834281	.832157	.830050
		.858740	.856419	.854112	.851820	.849543	.847281	.845035	.842805	.840591	.838392	.836210	.834045	.831896	.829764	.827648
		.856464	.854127	.851805	.849498	.847207	.844932	.842673	.840431	.838205	.835996	.833803	.831628	.829470	.827329	.825206
- 7.5		.854142	.851789	.849452	.847131	.844826	.842538	.840267	.838012	.835775	.833556	.831354	.829169	.827002	.824853	.822722
		.851773	.849405	.847053	.844717	.842399	.840098	.837815	.835550	.833302	.831072	.828860	.826667	.824492	.822335	.820196
		.849356	.846973	.844606	.842257	.839926	.837613	.835318	.833041	.830783	.828544	.826323	.824121	.821938	.819774	.817628
		.846891	.844492	.842111	.839749	.837405	.835080	.832774	.830487	.828219	.825970	.823741	.821531	.819340	.817169	.815018
		.844375	.841962	.839568	.837193	.834837	.832500	.830183	.827886	.825609	.823351	.821113	.818896	.816698	.814521	.812363
- 7.0		.841808	.839381	.836974	.834586	.832219	.829871	.827544	.825237	.822951	.820685	.818440	.816215	.814011	.811827	.809665
		.839190	.836749	.834329	.831929	.829551	.827193	.824856	.822540	.820245	.817971	.815719	.813488	.811278	.809089	.806921
		.836519	.834065	.831632	.829221	.826832	.824464	.822118	.819793	.817490	.815210	.812951	.810713	.808498	.806305	.804133
		.833793	.831327	.828883	.826461	.824061	.821684	.819329	.816996	.814686	.812399	.810134	.807891	.805671	.803474	.801298
		.831013	.828535	.826080	.823647	.821238	.818852	.816489	.814149	.811832	.809539	.807268	.805021	.802797	.800596	.798417
- 6.5		.828177	.825688	.823222	.820780	.818361	.815967	.813596	.811250	.808927	.806628	.804353	.802102	.799874	.797670	.795489
		.825284	.822784	.820308	.817857	.815430	.813028	.810651	.808298	.805970	.803667	.801388	.799133	.796902	.794696	.792513
		.822333	.819823	.817338	.814878	.812444	.810035	.807652	.805294	.802961	.800654	.798371	.796114	.793881	.791673	.789489
		.819323	.816803	.814310	.811843	.809402	.806987	.804598	.802236	.799899	.797588	.795303	.793043	.790809	.788600	.786416
		.816253	.813725	.811224	.808749	.806302	.803882	.801489	.799123	.796783	.794469	.792183	.789922	.787687	.785478	.783294
- 6.0		.813122	.810586	.808078	.805598	.803145	.800721	.798324	.795954	.793612	.791297	.789009	.786748	.784513	.782305	.780123
		.809929	.807386	.804872	.802386	.799930	.797501	.795102	.792730	.790386	.788070	.785782	.783521	.781288	.779081	.776901
		.806673	.804124	.801605	.799115	.796654	.794224	.791822	.789449	.787104	.784789	.782501	.780242	.778010	.775805	.773628
		.803353	.800799	.798275	.795782	.793319	.790886	.788483	.786110	.783766	.781451	.779165	.776908	.774679	.772478	.770304
		.799968	.797409	.794883	.792387	.789923	.787489	.785086	.782713	.780371	.778058	.775774	.773520	.771295	.769098	.766929
- 5.5		.796516	.793955	.791426	.788929	.786464	.784031	.781629	.779258	.776917	.774607	.772327	.770077	.767856	.765664	.763501
		.792998	.790435	.787905	.785408	.782944	.780511	.778111	.775743	.773406	.771100	.768824	.766579	.764364	.762178	.760021
		.789412	.786848	.784318	.781822	.779359	.776930	.774533	.772168	.769835	.767534	.765264	.763025	.760816	.758637	.756488
		.785758	.783194	.780665	.778171	.775711	.773285	.770892	.768532	.766205	.763910	.761647	.759415	.757214	.755043	.752902
		.782033	.779471	.776945	.774454	.771998	.769577	.767189	.764836	.762515	.760227	.757972	.755748	.753555	.751394	.749263

		rA(r,z)															
r	z	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4	
-10.0		.871991 .870320 .868621 .866894 .865138	.870146 .868463 .866752 .865013 .863245	.868308 .866613 .864891 .863140 .861360	.866477 .864771 .863037 .861275 .859485	.864654 .862937 .861192 .859419 .857618	.862838 .861111 .859356 .857572 .855761	.861031 .859293 .857528 .855734 .853913	.859232 .857484 .855708 .853905 .852074	.857441 .855683 .853891 .852097 .850286 .848427	.855658 .853885 .852109 .850306 .848475 .846617	.853885 .852120 .850335 .848523 .846751 .844818	.852120 .850335 .848570 .846815 .844987 .843133	.850364 .848570 .846815 .844987 .843133 .841251	.848617 .846815 .844987 .843133 .841251	.846879 .845069 .843234 .841372 .839483	
- 9.5		.863352 .861536 .859690 .857812 .855903	.861447 .859620 .857762 .855873 .853953	.859552 .857713 .855844 .853945 .852014	.857665 .855816 .853936 .852026 .850085	.855788 .853928 .852039 .850119 .848167	.853920 .852051 .850151 .848221 .846261	.852063 .850183 .848274 .846335 .844365	.850215 .848326 .846479 .844552 .842595 .840609	.848377 .846479 .844643 .842707 .840742 .838747	.846549 .844643 .842817 .840873 .838901 .836898	.844731 .842817 .841002 .839051 .837070 .835060	.842924 .841002 .839198 .837239 .835251 .833234	.841128 .839198 .837239 .835251 .833234	.839342 .837404 .835439 .833444 .831420	.837566 .835622 .833649 .831648 .829618	
- 9.0		.853962 .851989 .849982 .847941 .845866	.852001 .850017 .848056 .846029 .843968 .841873	.850051 .848056 .846029 .844070 .842000 .839895	.848113 .846108 .844171 .842124 .840044 .837931	.846185 .844171 .842246 .840190 .838101 .835980	.844269 .842246 .840190 .838101 .836171 .834042	.842365 .840332 .838268 .836359 .834254 .832117	.840472 .838431 .836359 .834254 .832350 .830206	.838591 .836542 .834462 .832350 .830206	.836722 .834666 .832578 .830459 .828308	.834865 .832802 .830707 .828581 .826424	.833020 .830950 .828849 .826717 .824553	.831188 .829111 .827004 .824865 .822696	.829367 .827284 .825171 .823027 .820852	.827559 .825470 .823351 .821202 .819022	
- 8.5		.843756 .841610 .839429 .837210 .834955	.841743 .839588 .837397 .835169 .832905	.839743 .837579 .835379 .833143 .830870	.837757 .835584 .833375 .831131 .828851	.835784 .833603 .831386 .829411 .827152 .824857	.833825 .831635 .829411 .827451 .825185 .822883	.831879 .829682 .827451 .825185 .823232 .820925	.829947 .827743 .825505 .823232 .821295 .818981	.828029 .825818 .823573 .821295 .819372 .817054	.826124 .823907 .821657 .819372 .817465 .815141	.824234 .822011 .819755 .817465 .815573 .813244	.822357 .820128 .817867 .815573 .813695 .811363	.820494 .818260 .815994 .813695 .811833 .809497	.818645 .816407 .814136 .811833 .809497	.816811 .814568 .812293 .809986 .807646	
- 8.0		.832662 .830330 .827960 .825550 .823099	.830603 .828264 .825885 .823468 .821011	.828561 .826213 .823828 .821403 .818939	.826533 .824179 .821786 .819355 .816885	.824522 .822161 .819762 .817325 .814849	.822526 .820158 .817753 .815311 .812830	.820546 .818172 .815762 .813314 .810829	.818582 .816202 .813787 .811335 .808845	.816633 .814249 .811829 .809372 .806879	.814700 .812311 .809887 .807426 .804929	.812783 .810390 .807962 .805498 .802998	.810882 .808485 .806053 .803586 .801083	.808996 .806596 .804161 .801691 .799186	.807127 .804723 .802286 .799813 .797306	.805273 .802866 .800426 .797952 .795443	
- 7.5		.820608 .818076 .815502 .812885 .810226	.818513 .815975 .813395 .810773 .808108	.816436 .813891 .811306 .808679 .806011	.814376 .811827 .809237 .806606 .803933	.812335 .809780 .807186 .804551 .801875	.810311 .807752 .805154 .802516 .799837	.808305 .805743 .803141 .800500 .797819	.806317 .803752 .801147 .798504 .795821	.804348 .801779 .799172 .796526 .793841	.802395 .799824 .797215 .794568 .791882	.800461 .797888 .795277 .792628 .789941	.798544 .795969 .793357 .790707 .788020	.796645 .794068 .791455 .788805 .786118	.794764 .792186 .789572 .786921 .784234	.792900 .790321 .787707 .785056 .782370	
- 7.0		.807522 .804775 .801982 .799145 .796261	.805401 .802649 .799854 .797014 .794128	.803299 .800545 .797747 .794904 .792017	.801218 .798461 .795661 .792817 .789929	.799158 .796398 .793596 .790751 .787863	.797118 .794356 .791553 .788707 .785819	.795097 .792335 .789531 .786685 .783796	.793097 .790334 .787529 .784683 .781796	.791117 .788353 .785548 .782703 .779817	.789157 .786392 .783588 .780744 .777859	.787216 .784452 .781649 .778806 .775923	.785295 .782531 .779729 .776888 .774007	.783393 .780630 .777830 .774991 .772113	.781511 .778749 .775950 .773114 .770239	.779647 .776888 .774091 .771257 .768385	
- 6.5		.793331 .790354 .787330 .784257 .781136	.791197 .788219 .785195 .782123 .779003	.789085 .786107 .783083 .780013 .776895	.786997 .784019 .780996 .777927 .774812	.784930 .781954 .778932 .775866 .772753	.782887 .779911 .776892 .773828 .770719	.780866 .777892 .774874 .771813 .768708	.778866 .775895 .772880 .769822 .766721	.776889 .773920 .770908 .767854 .764757	.774934 .771967 .768959 .765909 .762817	.773000 .770036 .767032 .763986 .760899	.771087 .768127 .765127 .762086 .759004	.769196 .766239 .763243 .760208 .757132	.767325 .764373 .761382 .758351 .755281	.765475 .762527 .759541 .756516 .753453	
- 6.0		.777966 .774747 .771478 .768158 .764788	.775836 .772619 .769354 .766039 .762674	.773730 .770518 .767256 .763947 .760588	.771650 .768441 .765185 .761881 .758528	.769595 .766390 .763139 .759841 .756495	.767564 .764365 .761119 .757827 .754488	.765558 .762363 .759124 .755838 .752507	.763576 .760387 .757153 .753875 .750552	.761617 .758434 .755207 .751936 .748621	.759682 .756505 .753285 .750022 .746715	.757770 .754600 .751387 .748132 .744834	.755881 .752718 .749512 .746265 .742976	.754015 .750858 .747661 .744422 .741143	.752171 .749022 .745832 .742602 .739332	.750350 .747208 .744026 .740805 .737545	
- 5.5		.761366 .757893 .754368 .750791 .747162	.759259 .755794 .752277 .748709 .745090	.757180 .753722 .750214 .746656 .743048	.755128 .751678 .748179 .744631 .741034	.753102 .749661 .746172 .742634 .739048	.751103 .747671 .744192 .740665 .737090	.749131 .745707 .742238 .738722 .735160	.747183 .743770 .740311 .736806 .733256	.745262 .741858 .738410 .734916 .731378	.743365 .739971 .736534 .733052 .729527	.741493 .738110 .734683 .731214 .727701	.739645 .736273 .732857 .729400 .725900	.737822 .734459 .731056 .727611 .724124	.736022 .732670 .729278 .725846 .722372	.734245 .730904 .727524 .724104 .720644

		rA(r,z)														
z	r	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
- 5.0		.000000	.009903	.039612	.089128	.158453	.247589	.356539	.485307	.633895	.802309	.990554	.988636	.986559	.984330	.981956
		.000000	.009899	.039597	.089094	.158392	.247494	.356402	.485121	.633655	.802009	.990187	.988196	.986042	.983732	.981272
		.000000	.009895	.039580	.089057	.158327	.247392	.356257	.484925	.633401	.801690	.989798	.987731	.985495	.983099	.980549
		.000000	.009891	.039563	.089018	.158257	.247285	.356103	.484717	.633132	.801353	.989386	.987238	.984917	.982430	.979784
		.000000	.009886	.039544	.088976	.158184	.247170	.355940	.484496	.632846	.800995	.988949	.986716	.984304	.981721	.978975
- 4.5		.000000	.009881	.039524	.088932	.158105	.247048	.355766	.484261	.632542	.800614	.988485	.986162	.983654	.980969	.978118
		.000000	.009876	.039503	.088885	.158022	.246919	.355580	.484012	.632219	.800210	.987992	.985573	.982963	.980172	.977209
		.000000	.009870	.039481	.088834	.157933	.246781	.355383	.483745	.631875	.799779	.987467	.984947	.982230	.979325	.976244
		.000000	.009864	.039457	.088781	.157838	.246633	.355172	.483461	.631508	.799320	.986908	.984281	.981449	.978424	.975218
		.000000	.009858	.039431	.088723	.157736	.246476	.354947	.483158	.631116	.798830	.986311	.983570	.980617	.977466	.974127
- 4.0		.000000	.009851	.039404	.088661	.157627	.246307	.354706	.482833	.630696	.798306	.985674	.982811	.979730	.976444	.972965
		.000000	.009843	.039374	.088595	.157511	.246126	.354448	.482485	.630247	.797746	.984993	.982001	.978782	.975353	.971727
		.000000	.009835	.039343	.088524	.157385	.245931	.354170	.482112	.629766	.797146	.984263	.981133	.977769	.974188	.970404
		.000000	.009827	.039309	.088448	.157250	.245722	.353872	.481711	.629249	.796501	.983481	.980203	.976684	.972941	.968990
		.000000	.009818	.039272	.088366	.157105	.245497	.353551	.481279	.628693	.795808	.982640	.979205	.975520	.971605	.967477
- 3.5		.000000	.009808	.039232	.088277	.156948	.245254	.353205	.480813	.628094	.795062	.981736	.978132	.974271	.970172	.965856
		.000000	.009797	.039189	.088181	.156778	.244991	.352831	.480311	.627448	.794258	.980761	.976978	.972927	.968633	.964116
		.000000	.009785	.039143	.088076	.156594	.244706	.352425	.479767	.626749	.793389	.979710	.975733	.971480	.966977	.962246
		.000000	.009773	.039092	.087963	.156394	.244397	.351986	.479178	.625991	.792449	.978573	.974388	.969919	.965192	.960234
		.000000	.009759	.039037	.087840	.156177	.244061	.351508	.478537	.625170	.791429	.977341	.972933	.968232	.963266	.958065
- 3.0		.000000	.009744	.038977	.087705	.155940	.243695	.350988	.477841	.624276	.790322	.976005	.971357	.966406	.961185	.955725
		.000000	.009727	.038911	.087558	.155680	.243295	.350420	.477081	.623303	.789117	.974553	.969645	.964426	.958931	.953194
		.000000	.009709	.038838	.087397	.155397	.242856	.349799	.476250	.622240	.787802	.972971	.967783	.962275	.956487	.950454
		.000000	.009689	.038759	.087219	.155085	.242375	.349117	.475340	.621077	.786365	.971243	.965753	.959935	.953830	.947482
		.000000	.009667	.038672	.087024	.154741	.241846	.348368	.474340	.619800	.784790	.969354	.963536	.957382	.950939	.944253
- 2.5		.000000	.009643	.038575	.086808	.154362	.241262	.347542	.473239	.618397	.783061	.967282	.961109	.954593	.947786	.940738
		.000000	.009616	.038468	.086569	.153942	.240616	.346629	.472024	.616849	.781158	.965004	.958446	.951539	.944341	.936905
		.000000	.009586	.038348	.086303	.153475	.239899	.345617	.470679	.615139	.779057	.962495	.955518	.948188	.940568	.932718
		.000000	.009552	.038215	.086007	.152955	.239101	.344492	.469185	.613242	.776732	.959724	.952291	.944502	.936428	.928135
		.000000	.009515	.038066	.085675	.152374	.238210	.343237	.467521	.611134	.774152	.956655	.948725	.940439	.931876	.923110
- 2.0		.000000	.009473	.037899	.085303	.151723	.237212	.341833	.465663	.608783	.771280	.953247	.944774	.935949	.926860	.917587
		.000000	.009425	.037711	.084884	.150990	.236089	.340257	.463580	.606152	.768075	.949451	.940385	.930975	.921319	.911506
		.000000	.009372	.037498	.084410	.150162	.234823	.338482	.461238	.603200	.764485	.945211	.935495	.925451	.915185	.904795
		.000000	.009311	.037256	.083873	.149223	.233390	.336475	.458594	.599875	.760452	.940460	.930033	.919299	.908377	.897375
		.000000	.009241	.036980	.083260	.148155	.231761	.334197	.455599	.596117	.755904	.935118	.923912	.912429	.900803	.889152
- 1.5		.000000	.009162	.036665	.082561	.146935	.229902	.331602	.452195	.591853	.750759	.929093	.917031	.904736	.892355	.880019
		.000000	.009070	.036302	.081758	.145536	.227774	.328635	.448308	.586998	.744916	.922273	.909270	.896094	.882908	.869853
		.000000	.008965	.035885	.080833	.143926	.225326	.325227	.443854	.581446	.738253	.914523	.900487	.886356	.872314	.858513
		.000000	.008844	.035403	.079764	.142067	.222502	.321300	.438727	.575071	.730625	.905681	.890508	.875347	.860401	.845833
		.000000	.008703	.034844	.078526	.139913	.219230	.316754	.432802	.567718	.721853	.895552	.879130	.862860	.846968	.831625
- 1.0		.000000	.008539	.034195	.077087	.137409	.215428	.311473	.425926	.559200	.711719	.883895	.866098	.848644	.831776	.815670
		.000000	.008349	.033441	.075413	.134494	.210997	.305316	.417910	.549283	.699951	.870411	.851107	.832996	.814543	.797718
		.000000	.008128	.032564	.073465	.131095	.205822	.298114	.408528	.537679	.686209	.854729	.833772	.813748	.794935	.777482
		.000000	.007872	.031547	.071201	.127134	.199772	.289670	.397500	.524030	.670064	.836374	.813611	.792248	.772558	.754639
		.000000	.007578	.030374	.068581	.122531	.192706	.279755	.384493	.507881	.650958	.814726	.790006	.767335	.746948	.728833
- .5		.000000	.007241	.029031	.065570	.117210	.184481	.268121	.369109	.488659	.628155	.788956	.762141	.738308	.717566	.699696
		.000000	.006862	.027512	.062146	.111117	.174973	.254520	.350896	.465638	.600646	.757898	.728909	.704288	.683821	.666882
		.000000	.006441	.025821	.058314	.104241	.164121	.238760	.329397	.437916	.566998	.719808	.688732	.664195	.645132	.630162
		.000000	.005984	.023978	.054115	.096644	.151981	.220812	.304298	.404488	.525070	.671766	.639262	.616840	.601138	.589592
		.000000	.005499	.022020	.049634	.088480	.138791	.200974	.275772	.364723	.471677	.607740	.577007	.561515	.552179	.545761

		rA(r,z)														
r	z	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
- 5.0		.979443	.976799	.974030	.971144	.968148	.965049	.961854	.958572	.955209	.951772	.948269	.944705	.941088	.937425	.933721
		.978670	.975933	.973068	.970085	.966989	.963789	.960494	.957109	.953644	.950106	.946501	.942838	.939122	.935361	.931561
		.977852	.975018	.972054	.968968	.965769	.962464	.959062	.955572	.952001	.948357	.944647	.940880	.937062	.933201	.929303
		.976989	.974053	.970983	.967790	.964482	.961068	.957556	.953955	.950273	.946519	.942701	.938827	.934904	.930939	.926940
		.976076	.973032	.969853	.966547	.963125	.959596	.955969	.952252	.948456	.944588	.940658	.936673	.932641	.928570	.924467
- 4.5		.975109	.971952	.968657	.965234	.961693	.958043	.954296	.950459	.946544	.942558	.938511	.934411	.930267	.926086	.921876
		.974084	.970808	.967391	.963845	.960179	.956404	.952531	.948569	.944529	.940421	.936253	.932035	.927775	.923482	.919162
		.972997	.969595	.966051	.962374	.958578	.954671	.950667	.946575	.942406	.938171	.933878	.929538	.925158	.920749	.916317
		.971842	.968309	.964630	.960817	.956883	.952839	.948698	.944470	.940167	.935800	.931378	.926911	.922409	.917881	.913334
		.970615	.966942	.963121	.959165	.955087	.950900	.946616	.942247	.937804	.933300	.928744	.924147	.919519	.914868	.910204
- 4.0		.969309	.965489	.961519	.957413	.953184	.948846	.944412	.939896	.935309	.930662	.925968	.921237	.916479	.911703	.906919
		.967918	.963943	.959815	.955551	.951163	.946668	.942079	.937409	.932671	.927878	.923041	.918172	.913280	.908376	.903469
		.966434	.962295	.958001	.953570	.949017	.944357	.939605	.934775	.929881	.924936	.919952	.914941	.909912	.904877	.899845
		.964850	.960537	.956069	.951462	.946735	.941903	.936981	.931985	.926929	.921826	.916691	.911533	.906365	.901196	.896037
		.963156	.958659	.954007	.949216	.944306	.939293	.934194	.929025	.923802	.918537	.913245	.907937	.902626	.897321	.892033
- 3.5		.961342	.956652	.951805	.946820	.941716	.936517	.931233	.925885	.920487	.915054	.909601	.904140	.898683	.893240	.887822
		.959398	.954502	.949450	.944262	.938958	.933559	.928084	.922549	.916971	.911366	.905748	.900130	.894524	.888941	.883391
		.957312	.952199	.946929	.941527	.936012	.930407	.924731	.919002	.913239	.907456	.901669	.895891	.890135	.884411	.878729
		.955070	.949726	.944228	.938599	.932864	.927043	.921159	.915230	.909274	.903309	.897350	.891409	.885500	.879534	.873820
		.952657	.947069	.941329	.935463	.929495	.923450	.917349	.911213	.905060	.898908	.892773	.886667	.880605	.874596	.868650
- 3.0		.950056	.944210	.938214	.932098	.925888	.919609	.913283	.906933	.900578	.894235	.887920	.881648	.875431	.869280	.863205
		.947249	.941128	.934864	.928485	.922021	.915498	.908940	.902369	.895806	.889269	.882773	.876334	.869963	.863671	.857468
		.944214	.937803	.931254	.924600	.917871	.911094	.904296	.897498	.890723	.883989	.877311	.870704	.864180	.857750	.851422
		.940929	.934209	.927361	.920418	.913412	.906372	.899326	.892297	.885306	.878372	.871512	.864738	.858064	.851499	.845051
		.937366	.930320	.923156	.915910	.908616	.901305	.894004	.886738	.879528	.872394	.865352	.858415	.851594	.844898	.838336
- 2.5		.933496	.926105	.918609	.911046	.903453	.895861	.888299	.880792	.873363	.866029	.858807	.851710	.844747	.837928	.831258
		.929285	.921529	.913684	.905791	.897887	.890007	.882179	.874430	.866780	.859249	.851851	.844599	.837501	.830566	.823798
		.924696	.916555	.908343	.900106	.891882	.883707	.875610	.867616	.859749	.852024	.844456	.837057	.829834	.822792	.815937
		.919686	.911138	.902543	.893949	.885396	.876920	.868552	.860317	.852235	.844323	.836594	.829057	.821719	.814584	.807655
		.914207	.905231	.896236	.887273	.878384	.869605	.860966	.852492	.844202	.836112	.828233	.820572	.813133	.805920	.798932
- 2.0		.908204	.898778	.889368	.880026	.870795	.861712	.852806	.844101	.835614	.827358	.819343	.811573	.804051	.796776	.789747
		.901615	.891718	.881879	.872150	.862575	.853191	.844026	.835100	.826429	.818025	.809891	.802032	.794447	.787132	.780083
		.894369	.883983	.873702	.863582	.853665	.843987	.834574	.825443	.816608	.808074	.799846	.791921	.784296	.776965	.769920
		.886387	.875494	.864764	.854251	.844000	.834040	.824396	.815082	.806106	.797470	.789173	.781210	.773574	.766255	.759242
		.877577	.866163	.854980	.844082	.833508	.823287	.813437	.803967	.794880	.786174	.777841	.769873	.762258	.754982	.748031
- 1.5		.867835	.855893	.844260	.832989	.822115	.811660	.801636	.792046	.782887	.774148	.765819	.757885	.750327	.743131	.736277
		.857045	.844573	.832503	.820883	.809740	.799089	.788934	.779269	.770083	.761359	.753078	.745220	.737764	.730686	.723967
		.845071	.832079	.819598	.807664	.796298	.785502	.775270	.765585	.756427	.747771	.739592	.731861	.724552	.717638	.711094
		.831763	.818276	.805423	.793230	.781701	.770826	.760583	.750946	.741882	.733358	.725339	.717791	.710682	.703980	.697657
		.816948	.803011	.789850	.777471	.765860	.754988	.744819	.735310	.726417	.718096	.710304	.703001	.696149	.689712	.683658
- 1.0		.800434	.786120	.772741	.760276	.748687	.737923	.727927	.718640	.710006	.701970	.694480	.687490	.680956	.674840	.669104
		.782006	.767427	.753956	.741538	.730103	.719573	.709868	.700913	.692637	.684976	.677869	.671264	.665114	.659375	.654010
		.761430	.746747	.733357	.721157	.710039	.699893	.690617	.682118	.674311	.667121	.660484	.654340	.648640	.643339	.638398
		.738456	.723898	.710816	.699051	.688447	.678862	.670171	.662263	.655043	.648429	.642351	.636747	.631566	.626763	.622297
		.712832	.698714	.686235	.675168	.665310	.656486	.648550	.641380	.634872	.628940	.623512	.618526	.613932	.609684	.605745
- .5		.684328	.671068	.659561	.649506	.640655	.632810	.625810	.619528	.613858	.608713	.604024	.599732	.595788	.592151	.588786
		.652780	.640916	.630818	.622126	.614565	.607925	.602044	.596798	.592086	.587829	.583963	.580434	.577200	.574223	.571475
		.618164	.608340	.600140	.593181	.587192	.581975	.577386	.573313	.569669	.566389	.563418	.560713	.558239	.555967	.553871
		.580706	.573616	.567800	.562923	.558763	.555163	.552012	.549226	.546742	.544511	.542496	.540664	.538991	.537456	.536042
		.540988	.537255	.534229	.531713	.529578	.527740	.526135	.524720	.523461	.522333	.521314	.520389	.519545	.518772	.518060

rA(r,z)																
z	r	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
- 5.0		.929982	.926214	.922423	.918613	.914791	.910959	.907124	.903288	.899456	.895632	.891819	.888020	.884238	.880475	.876735
		.927729	.923870	.919990	.916094	.912187	.908275	.904361	.900450	.896546	.892653	.888773	.884911	.881068	.877249	.873454
		.925375	.921422	.917451	.913467	.909475	.905480	.901487	.897500	.893523	.889560	.885614	.881688	.877785	.873908	.870060
		.922913	.918865	.914801	.910726	.906648	.902569	.898496	.894432	.890382	.886346	.882335	.878346	.874383	.870449	.866547
		.920339	.916192	.912033	.907867	.903700	.899537	.895383	.891241	.887117	.883013	.878933	.874880	.870858	.866868	.862913
- 4.5		.917645	.913398	.909142	.904883	.900626	.896377	.892141	.887921	.883723	.879548	.875402	.871286	.867205	.863159	.859152
		.914825	.910475	.906121	.901767	.897420	.893084	.888765	.884467	.880194	.875949	.871737	.867559	.863419	.859319	.855261
		.911871	.907417	.902962	.898512	.894073	.889650	.885248	.880872	.876524	.872210	.867931	.863692	.859494	.855341	.851233
		.908777	.904216	.899660	.895112	.890581	.886070	.881585	.877129	.872708	.868324	.863980	.859681	.855427	.851221	.847065
		.905534	.900865	.896205	.891559	.886934	.882335	.877766	.873233	.868738	.864285	.859878	.855519	.851210	.846954	.842751
- 4.0		.902133	.897355	.892590	.887845	.883126	.878439	.873787	.869175	.864608	.860088	.855618	.851201	.846839	.842534	.838287
		.898566	.893676	.888806	.883961	.879148	.874373	.869638	.864950	.860311	.855725	.851194	.846721	.842308	.837956	.833667
		.894824	.889821	.884844	.879899	.874993	.870129	.865313	.860549	.855840	.851189	.846599	.842072	.837610	.833215	.828887
		.890895	.885779	.880695	.875650	.870650	.865700	.860803	.855965	.851188	.846475	.841828	.837250	.832741	.828305	.823940
		.886769	.881539	.876348	.871204	.866111	.861075	.856100	.851189	.846346	.841573	.836873	.832246	.827695	.823220	.818822
- 3.5		.882436	.877091	.871794	.866551	.861367	.856247	.851195	.846214	.841308	.836478	.831727	.827055	.822464	.817955	.813527
		.877883	.872424	.867021	.861680	.856407	.851205	.846079	.841031	.836065	.831182	.826383	.821670	.817043	.812504	.808051
		.873098	.867525	.862018	.856581	.851221	.845940	.840743	.835632	.830609	.825676	.820835	.816085	.811427	.806861	.802388
		.868067	.862382	.856773	.851243	.845799	.840442	.835178	.830007	.824933	.819955	.815075	.810292	.805608	.801022	.796532
		.862777	.856982	.851273	.845654	.840129	.834701	.829374	.824149	.819027	.814009	.809096	.804287	.799582	.794980	.790480
- 3.0		.857213	.851312	.845506	.839801	.834200	.828706	.823321	.818047	.812883	.807831	.802891	.798061	.793341	.788729	.784225
		.851361	.845356	.839458	.833672	.828001	.822446	.817010	.811692	.806494	.801414	.796453	.791609	.786881	.782266	.777764
		.845204	.839100	.833117	.827256	.821520	.815911	.810430	.805076	.799850	.794751	.789776	.784925	.780195	.775585	.771091
		.838727	.832531	.826467	.820538	.814745	.809090	.803572	.798190	.792945	.787833	.782852	.778002	.773279	.768681	.764204
		.831912	.825630	.819495	.813506	.807665	.801972	.796426	.791025	.785769	.780653	.775676	.770836	.766128	.761549	.757097
- 2.5		.824743	.818385	.812186	.806147	.800267	.794546	.788982	.783572	.778315	.773206	.768242	.763420	.758736	.754186	.749767
		.817201	.810777	.804526	.798447	.792540	.786803	.781232	.775824	.770576	.765483	.760543	.755750	.751100	.746589	.742213
		.809270	.802791	.796500	.790395	.784473	.778731	.773165	.767771	.762545	.757481	.752575	.747822	.743217	.738754	.734430
		.800931	.794412	.788095	.781977	.776054	.770322	.764775	.759408	.754216	.749193	.744334	.739632	.735082	.730679	.726417
		.792167	.785623	.779296	.773182	.767273	.761566	.756052	.750727	.745584	.740615	.735815	.731177	.726695	.722363	.718174
- 2.0		.782960	.776410	.770092	.763997	.758121	.752455	.746992	.741724	.736644	.731744	.727017	.722456	.718054	.713803	.709699
		.773294	.766759	.760468	.754414	.748589	.742983	.737587	.732393	.727392	.722576	.717937	.713466	.709157	.705002	.700993
		.763154	.756655	.750415	.744423	.738669	.733143	.727833	.722731	.717827	.713111	.708574	.704209	.700006	.695958	.692058
		.752523	.746088	.739923	.734017	.728357	.722931	.717728	.712737	.707947	.703347	.698930	.694684	.690602	.686675	.682895
		.741391	.735047	.728985	.723189	.717647	.712345	.707269	.702409	.697752	.693287	.689005	.684895	.680947	.677154	.673508
- 1.5		.729747	.723525	.717594	.711937	.706538	.701383	.696458	.691750	.687245	.682934	.678803	.674844	.671046	.667402	.663901
		.717584	.711518	.705749	.700259	.695031	.690049	.685297	.680762	.676431	.672290	.668329	.664537	.660905	.657422	.654080
		.704897	.699022	.693449	.688157	.683128	.678345	.673791	.669452	.665314	.661363	.657590	.653981	.650528	.647221	.644052
		.691686	.686041	.680698	.675636	.670836	.666278	.661947	.657826	.653902	.650162	.646593	.643184	.639926	.636808	.633823
		.677956	.672580	.667504	.662705	.658163	.653859	.649775	.645896	.642207	.638695	.635348	.632155	.629107	.626192	.623405
- 1.0		.663718	.658651	.653879	.649377	.645124	.641100	.637289	.633673	.630240	.626976	.623868	.620907	.618082	.615384	.612806
		.648985	.644271	.639840	.635668	.631733	.628018	.624503	.621174	.618016	.615018	.612166	.609452	.606864	.604396	.602038
		.633782	.629461	.625407	.621598	.618013	.614631	.611437	.608416	.605553	.602838	.600258	.597805	.595468	.593241	.591115
		.618135	.614248	.610609	.607195	.603986	.600964	.598113	.595420	.592871	.590455	.588162	.585983	.583909	.581934	.580049
		.602082	.598667	.595475	.592486	.589680	.587042	.584555	.582208	.579990	.577888	.575896	.574003	.572204	.570491	.568857
- .5		.585663	.582756	.580044	.577507	.575129	.572894	.570791	.568808	.566934	.565161	.563481	.561886	.560371	.558929	.557555
		.568928	.566561	.564356	.562295	.560366	.558554	.556851	.555246	.553730	.552297	.550940	.549653	.548430	.547266	.546158
		.551932	.550132	.548457	.546893	.545429	.544057	.542767	.541552	.540406	.539322	.538296	.537324	.536400	.535522	.534686
		.534735	.533523	.532396	.531344	.530361	.529439	.528573	.527758	.526989	.526262	.525575	.524923	.524304	.523716	.523156
		.517402	.516792	.516226	.515697	.515203	.514740	.514305	.513896	.513510	.513145	.512801	.512474	.512163	.511869	.511588

		rA(r,z)															
r	z	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	
- 5.0		.873020 .869687 .866241 .862679 .858995	.869331 .865949 .862456 .858846 .855116	.865670 .862243 .858704 .855050 .851277	.862040 .858570 .854989 .851293 .847480	.858442 .854931 .851310 .847576 .843726	.854876 .851328 .847670 .843901 .840016	.851345 .847761 .844070 .840268 .836351	.847850 .844233 .840510 .836677 .832732	.844391 .840744 .836991 .833131 .829160	.840969 .837294 .833514 .829629 .825634	.837585 .833884 .830080 .826171 .822155	.834240 .830515 .826689 .822759 .818724	.830934 .827187 .823341 .819393 .815340	.827668 .823901 .820036 .816071 .812004	.824441 .820656 .816775 .812796 .808715	
- 4.5		.855186 .851247 .847173 .842961 .838605	.851261 .847279 .843163 .838910 .834515	.847381 .843357 .839203 .834913 .830483	.843545 .839484 .835294 .830971 .826510	.839755 .835661 .831438 .827085 .822596	.836013 .831887 .827636 .823255 .818742	.832318 .828164 .823887 .819482 .814947	.828672 .824493 .820192 .815766 .811212	.825075 .820873 .816551 .812107 .807537	.821527 .817305 .812965 .808505 .803922	.818028 .813789 .809434 .804960 .800367	.814580 .810325 .805956 .801472 .796870	.811181 .806913 .802533 .798041 .793432	.807832 .803553 .799164 .794665 .790052	.804532 .800244 .795849 .791345 .786730	
- 4.0		.834100 .829443 .824627 .819648 .814501	.829974 .825283 .820436 .815430 .810259	.825910 .821189 .816315 .812263 .807213	.821908 .817160 .812263 .808281 .803215	.817968 .813198 .809302 .804369 .799289	.814092 .809302 .804369 .799289 .794059	.810278 .805472 .800526 .795436 .790200	.806527 .801708 .796752 .791655 .786415	.802839 .798009 .793046 .787945 .782705	.799213 .794376 .789407 .784305 .779067	.795649 .790807 .785836 .780734 .775500	.792147 .787301 .782330 .777232 .772005	.788705 .783859 .778890 .773797 .768578	.785324 .780479 .775514 .770429 .765220	.782002 .777160 .772202 .767125 .761929	
- 3.5		.809182 .803685 .798006 .792139 .786081	.804919 .799405 .793714 .787841 .781781	.800737 .795211 .789513 .783637 .777580	.796636 .791103 .785400 .779525 .773474	.792616 .787078 .781375 .775504 .769463	.788676 .783136 .777436 .771573 .765545	.784814 .779275 .773582 .767730 .761717	.781030 .775496 .769811 .763972 .757978	.777322 .771795 .766122 .760299 .754325	.773690 .768173 .762513 .756708 .750757	.770132 .764626 .758982 .753198 .747271	.766646 .761155 .755528 .749766 .743866	.763232 .757756 .752150 .746411 .740539	.759888 .754430 .748845 .743131 .737289	.756612 .751173 .745611 .739925 .734113	
- 3.0		.779826 .773372 .766713 .759846 .752767	.775531 .769087 .762446 .755603 .748557	.771338 .764909 .758288 .751474 .744463	.767245 .760833 .754237 .747454 .740481	.763249 .756858 .750290 .743540 .736609	.759349 .752982 .746443 .739730 .732842	.755542 .749202 .742695 .736021 .729177	.751826 .745515 .739042 .732408 .725611	.748199 .741918 .735483 .728890 .722141	.744658 .738411 .732013 .725464 .718764	.741202 .734989 .728630 .722126 .715477	.737828 .731650 .725333 .718875 .712276	.734534 .728393 .722117 .715706 .709159	.731317 .725215 .718982 .712618 .706124	.728176 .722113 .715924 .709608 .703167	
- 2.5		.745475 .737966 .730238 .722291 .714122	.741305 .733845 .726175 .718295 .710203	.737254 .729845 .722236 .714424 .706411	.733318 .725963 .718415 .710674 .702740	.729494 .722194 .714709 .707040 .699186	.725776 .718534 .711114 .703517 .695744	.722163 .714979 .707625 .700102 .692409	.718650 .711526 .704239 .696789 .689177	.715235 .708171 .700951 .693574 .686043	.711913 .704910 .697757 .690455 .683005	.708681 .701741 .694656 .687427 .680056	.705537 .698659 .691641 .684487 .677196	.702478 .695662 .688712 .681630 .674418	.699499 .692746 .685864 .678855 .671722	.696600 .689909 .683094 .676158 .669102	
- 2.0		.705733 .697125 .688298 .679255 .670000	.701902 .693390 .684672 .675748 .666623	.698197 .689784 .681173 .672368 .663372	.694615 .686299 .677796 .669107 .660238	.691150 .682931 .674534 .665962 .657217	.687796 .679675 .671383 .662925 .654303	.684549 .676525 .668338 .659991 .651490	.681405 .673476 .665392 .657157 .648774	.678360 .670525 .662543 .654417 .646150	.675408 .667667 .659786 .651766 .643613	.672546 .664898 .657116 .649201 .641160	.669771 .662214 .654529 .646718 .638786	.667078 .659612 .652023 .644314 .636486	.664465 .657088 .649593 .641984 .634263	.661928 .654638 .647236 .639725 .632107	
- 1.5		.660537 .650872 .641011 .630963 .620735	.657302 .647790 .638093 .628219 .618177	.654189 .644826 .635289 .625585 .615723	.651192 .641976 .632594 .623056 .613367	.648305 .639231 .630002 .620624 .611104	.645522 .636588 .627506 .618284 .608929	.642838 .634040 .625103 .616032 .606836	.640247 .631583 .622786 .613863 .604821	.637746 .629212 .620552 .611772 .602880	.635330 .626923 .618396 .609755 .601008	.632995 .624711 .616314 .607809 .599203	.630736 .622573 .614303 .605930 .597460	.628551 .620506 .612359 .604114 .595777	.626436 .618506 .610479 .602358 .594151	.624388 .616570 .608659 .600660 .592578	
- 1.0		.610338 .599784 .589083 .578250 .567299	.607976 .597626 .587140 .576530 .565810	.605711 .595560 .585280 .574885 .564385	.603538 .593579 .583498 .573309 .563022	.601453 .591677 .581789 .571798 .561715	.599448 .589852 .580148 .570348 .560462	.597521 .588097 .578572 .568956 .559259	.595667 .586409 .577057 .567618 .558104	.593881 .584785 .575599 .566332 .556992	.592160 .583220 .574195 .565093 .555923	.590501 .581712 .572842 .563900 .554894	.588900 .580257 .571538 .562750 .553901	.587355 .578854 .570280 .561641 .552945	.585862 .577498 .569065 .560571 .552021	.584419 .576188 .567892 .559537 .551130	
- .5		.556244 .545102 .533889 .522623 .511320	.554992 .544093 .533129 .522114 .511065	.553796 .543130 .532402 .521162 .510822	.552650 .542208 .531707 .521162 .510589	.551553 .541324 .531041 .520717 .510365	.550502 .540478 .530403 .520290 .510152	.549492 .539666 .529792 .519489 .509947	.548523 .538866 .529204 .519111 .509750	.547591 .537416 .528097 .518748 .509379	.546694 .536722 .527575 .518399 .509204	.545831 .536722 .527575 .518399 .509204	.545000 .536054 .527072 .518063 .509036	.544198 .535409 .526587 .517739 .508674	.543425 .534788 .526119 .517426 .508717	.542678 .534188 .525668 .517125 .508566

rA(r,z)																
r	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	
z																
- 5.0	.821254 .817454 .813558 .809566 .805475	.818107 .814293 .810385 .806382 .802261	.815001 .811174 .807255 .803243 .799135	.811935 .806098 .804169 .801127 .796035	.808910 .805063 .801127 .797100 .792982	.805925 .802070 .798127 .794096 .789975	.802979 .799118 .795171 .791137 .787014	.800074 .796208 .792257 .788221 .784098	.797209 .793338 .789385 .785349 .781227	.794383 .790510 .786556 .782519 .778400	.791596 .787722 .783768 .779733 .775617	.788848 .784973 .781020 .776989 .772877	.786139 .782265 .778314 .774286 .770179	.783468 .779595 .775648 .771624 .767524	.780834 .776964 .773021 .769003 .764910	
- 4.5	.801282 .796987 .792587 .788080 .783465	.798081 .793781 .789377 .784870 .780256	.794929 .790625 .786220 .781713 .777102	.791826 .787519 .783115 .778610 .774004	.788770 .784463 .780060 .775559 .770959	.785762 .781456 .777056 .772560 .767968	.782801 .778498 .774102 .769612 .765028	.779887 .775587 .771197 .766715 .762141	.777019 .772723 .768340 .763867 .759304	.774196 .769906 .765531 .761067 .756516	.771418 .767135 .762768 .758316 .753778	.768684 .764409 .760052 .755612 .751087	.765994 .761728 .757382 .752954 .748444	.763346 .759090 .754756 .750341 .745847	.760741 .756496 .752173 .747773 .743295	
- 4.0	.778739 .773902 .768951 .763886 .758704	.775534 .770704 .765762 .760709 .755543	.772387 .767564 .762634 .757594 .752444	.769295 .764482 .759564 .754540 .749408	.766259 .761457 .756553 .751545 .746432	.763277 .758487 .753598 .748608 .743516	.760349 .755573 .750699 .745727 .740657	.757473 .752712 .747855 .742903 .737854	.754649 .749903 .745065 .740133 .735107	.751876 .747146 .742327 .737416 .732414	.749153 .744440 .739640 .734751 .729774	.746478 .741784 .737004 .732138 .727186	.743851 .739176 .734417 .729574 .724647	.741272 .736615 .731878 .727059 .722158	.738738 .734102 .729386 .724592 .719717	
- 3.5	.753404 .747986 .742448 .736789 .731010	.750262 .744865 .739353 .733724 .727977	.747184 .741811 .736325 .730726 .725013	.744168 .738820 .733362 .727793 .722115	.741215 .735891 .730462 .724926 .719282	.738321 .733024 .727624 .722120 .716513	.735487 .730217 .724846 .719376 .713805	.732709 .727467 .722127 .716691 .711156	.729988 .724774 .719466 .714063 .708566	.727321 .722136 .716860 .711492 .706032	.724708 .719553 .714308 .708975 .703553	.722147 .717022 .711810 .706512 .701128	.719637 .714542 .709363 .704100 .698754	.717176 .712112 .706966 .701738 .696430	.714763 .709730 .704618 .699426 .694156	
- 3.0	.725109 .719085 .712940 .706673 .700285	.722112 .716130 .710030 .703812 .697477	.719186 .713245 .707190 .701021 .694740	.716326 .710427 .704418 .698299 .692071	.713532 .707676 .701712 .695643 .689469	.710802 .704988 .699071 .693052 .686931	.708134 .702362 .696492 .690522 .684455	.705525 .699797 .693973 .688053 .682038	.702975 .697290 .691512 .685642 .679680	.700481 .694840 .689108 .683287 .677378	.698043 .692445 .686759 .680988 .675130	.695658 .690103 .684464 .678741 .672935	.693324 .687813 .682219 .676545 .670791	.691042 .685573 .680025 .674399 .668696	.688808 .683382 .677880 .672302 .666649	
- 2.5	.693776 .687148 .680400 .673536 .666557	.691026 .684460 .677779 .670986 .664083	.688347 .681842 .675228 .668506 .661677	.685736 .679293 .672744 .666092 .659337	.683191 .676809 .670326 .663742 .657061	.680709 .674389 .667970 .661455 .654846	.678290 .672030 .665675 .659227 .652689	.675930 .669730 .663438 .657057 .650589	.673628 .667487 .661258 .654943 .648544	.671382 .665299 .659132 .652882 .646551	.669189 .663164 .657058 .650872 .644608	.667048 .661081 .655036 .648913 .642715	.664958 .659048 .653062 .646951 .640868	.662917 .657063 .651135 .645136 .639067	.660923 .655124 .649255 .643316 .637310	
- 2.0	.659464 .652261 .644950 .637534 .630017	.657070 .649952 .642731 .635409 .627991	.654744 .647710 .640576 .633347 .626025	.652483 .645530 .638483 .631344 .624116	.650283 .643412 .636450 .629399 .622264	.648144 .641352 .634473 .627509 .620464	.646062 .639348 .632551 .625672 .618715	.644036 .637399 .630681 .623886 .617016	.642062 .635501 .628862 .622149 .615363	.640140 .633653 .627092 .620458 .613755	.638268 .631854 .625368 .618812 .612191	.636443 .630100 .623688 .617210 .610668	.634664 .628392 .622053 .615650 .609185	.632929 .626726 .620458 .614129 .607741	.631237 .625102 .618904 .612647 .606333	
- 1.5	.622403 .614695 .606898 .599017 .591057	.620479 .612878 .605192 .597426 .589584	.618613 .611117 .603539 .595885 .588158	.616803 .609408 .601936 .594391 .586777	.615046 .607751 .600382 .592942 .585437	.613341 .606142 .598873 .591537 .584139	.611684 .604580 .597409 .590174 .582878	.610074 .603063 .595987 .588850 .581655	.608508 .601588 .594605 .587564 .580467	.606986 .600154 .593262 .586314 .579313	.605506 .598760 .591956 .585099 .578191	.604065 .597403 .590686 .583918 .577101	.602662 .596083 .589451 .582769 .576040	.601296 .594797 .588248 .581650 .575008	.599965 .593545 .587076 .580561 .574004	
- 1.0	.583023 .574921 .566757 .558538 .550269	.581673 .573696 .565661 .557572 .549436	.580365 .572510 .564599 .556637 .548631	.579099 .571362 .563571 .555733 .547851	.577871 .570249 .562576 .554857 .547097	.576681 .569171 .561611 .554008 .546365	.575527 .568125 .560676 .553185 .545657	.574407 .567110 .559768 .552387 .544969	.573319 .566125 .558888 .551612 .544303	.572263 .565168 .558033 .550860 .543655	.571237 .564239 .557202 .550130 .543027	.570239 .563336 .556395 .549420 .542416	.569269 .562457 .555610 .548731 .541823	.568325 .561603 .554847 .548060 .541245	.567406 .560772 .554104 .547407 .540684	
- .5	.541957 .533609 .525232 .516834 .508420	.541260 .533049 .524811 .516552 .508280	.540585 .532508 .524404 .516280 .508143	.539933 .531984 .524010 .516017 .508012	.539301 .531477 .523628 .515762 .507884	.538690 .530986 .523259 .515516 .507761	.538097 .530510 .522901 .515277 .507641	.537522 .530048 .522554 .515045 .507525	.536964 .529601 .522218 .514820 .507413	.536422 .529166 .521891 .514602 .507303	.535897 .528745 .521574 .514390 .507197	.535386 .528335 .521266 .514185 .507095	.534890 .527937 .520967 .513985 .506995	.534408 .527550 .520676 .513791 .506897	.533938 .527173 .520393 .513602 .506803	

		rA(r,z)														
r	z	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
- 5.0		.778238	.775679	.773157	.770670	.768220	.765804	.763424	.761077	.758764	.756485	.754238	.752024	.749841	.747690	.745570
		.774372	.771817	.769300	.766820	.764376	.761967	.759594	.757256	.754953	.752683	.750446	.748242	.746071	.743931	.741822
		.770433	.767885	.765374	.762901	.760465	.758065	.755701	.753373	.751080	.748821	.746596	.744403	.742244	.740117	.738021
		.766422	.763881	.761378	.758913	.756487	.754097	.751744	.749427	.747145	.744898	.742686	.740506	.738360	.736247	.734165
		.762337	.759804	.757311	.754857	.752441	.750063	.747722	.745417	.743149	.740915	.738716	.736551	.734420	.732321	.730255
- 4.5		.758178	.755656	.753173	.750731	.748327	.745962	.743635	.741344	.739090	.736871	.734687	.732538	.730422	.728340	.726290
		.753944	.751434	.748964	.746535	.744145	.741794	.739482	.737206	.734968	.732765	.730598	.728466	.726367	.724302	.722270
		.749634	.747138	.744683	.742269	.739894	.737559	.735263	.733005	.730783	.728599	.726449	.724335	.722255	.720209	.718195
		.745249	.742768	.740329	.737931	.735574	.733257	.730979	.728739	.726536	.724370	.722240	.720146	.718086	.716059	.714066
		.740787	.738323	.735902	.733523	.731185	.728887	.726628	.724408	.722226	.720080	.717971	.715898	.713859	.711854	.709882
- 4.0		.736249	.733804	.731403	.729044	.726726	.724449	.722211	.720013	.717852	.715729	.713642	.711591	.709575	.707592	.705644
		.731633	.729210	.726830	.724493	.722197	.719943	.717728	.715553	.713416	.711316	.709253	.707226	.705233	.703275	.701351
		.726941	.724540	.722184	.719870	.717599	.715369	.713179	.711029	.708917	.706842	.704804	.702802	.700835	.698903	.697004
		.722171	.719795	.717464	.715176	.712931	.710727	.708564	.706440	.704354	.702307	.700296	.698321	.696381	.694475	.692603
		.717323	.714975	.712671	.710411	.708194	.706018	.703883	.701787	.699730	.697710	.695728	.693781	.691870	.689992	.688148
- 3.5		.712398	.710079	.707805	.705575	.703387	.701241	.699136	.697070	.695043	.693053	.691101	.689184	.687302	.685455	.683641
		.707396	.705108	.702866	.700667	.698511	.696397	.694323	.692289	.690294	.688336	.686415	.684530	.682680	.680864	.679080
		.702317	.700063	.697854	.695689	.693566	.691486	.689446	.687445	.685484	.683559	.681671	.679819	.677902	.676028	.674168
		.697161	.694943	.692770	.690640	.688554	.686509	.684504	.682539	.680612	.678723	.676870	.675053	.673270	.671520	.669804
		.691929	.689749	.687613	.685522	.683473	.681465	.679498	.677570	.675681	.673828	.672012	.670230	.668483	.666770	.665089
- 3.0		.686621	.684481	.682386	.680334	.678325	.676357	.674429	.672540	.670689	.668875	.667097	.665353	.663644	.661967	.660323
		.681239	.679141	.677088	.675078	.673111	.671185	.669298	.667450	.665639	.663865	.662127	.660423	.658752	.657114	.655508
		.675781	.673729	.671720	.669755	.667831	.665948	.664105	.662299	.660531	.658799	.657102	.655438	.653808	.652211	.650644
		.670251	.668245	.666284	.664365	.662487	.660649	.658851	.657090	.655365	.653677	.652023	.650402	.648814	.647258	.645733
		.664648	.662692	.660779	.658909	.657079	.655289	.653537	.651822	.650144	.648500	.646891	.645315	.643770	.642257	.640774
- 2.5		.658974	.657070	.655209	.653389	.651609	.649868	.648165	.646498	.644867	.643271	.641708	.640177	.638677	.637209	.635769
		.653230	.651380	.649572	.647805	.646077	.644388	.642735	.641119	.639537	.637989	.636473	.634990	.633537	.632114	.630720
		.647418	.645624	.643872	.642159	.640486	.638849	.637249	.635685	.634154	.632656	.631190	.629755	.628350	.626975	.625627
		.641539	.639804	.638109	.636454	.634836	.633255	.631709	.630198	.628720	.627273	.625859	.624474	.623118	.621791	.620492
		.635594	.633920	.632286	.630689	.629129	.627605	.626116	.624659	.623235	.621843	.620480	.619147	.617843	.616566	.615315
- 2.0		.629587	.627975	.626403	.624867	.623367	.621902	.620471	.619071	.617703	.616366	.615057	.613777	.612525	.611299	.610099
		.623517	.621971	.620463	.618990	.617552	.616148	.614776	.613435	.612124	.610843	.609590	.608365	.607166	.605993	.604844
		.617388	.615910	.614468	.613060	.611686	.610344	.609033	.607752	.606501	.605277	.604081	.602912	.601768	.600648	.599553
		.611202	.609794	.608419	.607078	.605769	.604492	.603244	.602025	.600834	.599670	.598532	.597420	.596332	.595267	.594226
		.604962	.603624	.602320	.601047	.599806	.598594	.597411	.596255	.595126	.594023	.592945	.591890	.590860	.589852	.588865
- 1.5		.598668	.597404	.596172	.594970	.593797	.592653	.591535	.590444	.589379	.588338	.587320	.586326	.585353	.584403	.583472
		.592325	.591137	.589978	.588848	.587745	.586670	.585620	.584595	.583594	.582616	.581661	.580727	.579815	.578922	.578049
		.585935	.584824	.583740	.582684	.581653	.580648	.579667	.578710	.577775	.576861	.575969	.575097	.574245	.573412	.572597
		.579501	.578468	.577461	.576480	.575523	.574590	.573679	.572790	.571922	.571075	.570247	.569438	.568647	.567874	.567119
		.573025	.572073	.571144	.570240	.569358	.568497	.567658	.566839	.566039	.565258	.564496	.563751	.563022	.562311	.561615
- 1.0		.566512	.565641	.564792	.563965	.563159	.562373	.561606	.560858	.560128	.559414	.558718	.558038	.557373	.556723	.556088
		.559963	.559175	.558407	.557660	.556931	.556220	.555527	.554850	.554190	.553546	.552916	.552302	.551701	.551114	.550540
		.553382	.552678	.551993	.551325	.550675	.550040	.549422	.548818	.548229	.547654	.547093	.546544	.546009	.545485	.544973
		.546772	.546154	.545552	.544966	.544395	.543837	.543294	.542764	.542247	.541742	.541249	.540768	.540298	.539839	.539390
		.540138	.539606	.539089	.538584	.538093	.537614	.537147	.536691	.536246	.535813	.535389	.534975	.534571	.534176	.533791
- .5		.533482	.533037	.532605	.532183	.531773	.531372	.530982	.530601	.530230	.529867	.529514	.529168	.528831	.528501	.528179
		.526807	.526451	.526104	.525766	.525437	.525116	.524803	.524498	.524200	.523910	.523626	.523349	.523078	.522814	.522556
		.520118	.519851	.519590	.519336	.519088	.518847	.518612	.518383	.518159	.517941	.517728	.517520	.517317	.517119	.516925
		.513418	.513240	.513066	.512896	.512731	.512570	.512413	.512260	.512111	.511965	.511823	.511684	.511549	.511416	.511287
		.506711	.506622	.506534	.506450	.506367	.506286	.506208	.506131	.506057	.505984	.505913	.505843	.505775	.505709	.505644

		rA(r,z)														
r		9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
z																
- 5.0		.743480 .739745 .735956 .732115 .728220	.741419 .737697 .733922 .730095 .726216	.739389 .735679 .731918 .728106 .724243	.737387 .733690 .729943 .726146 .722299	.735414 .731730 .727997 .724216 .720385	.733468 .729798 .726080 .722314 .718500	.731550 .727894 .724191 .720441 .716643	.729659 .726017 .722329 .718595 .714814	.727795 .724167 .720494 .716776 .713012	.725957 .722343 .718685 .714983 .711237	.724145 .720546 .716903 .713217 .709488	.722358 .718773 .715146 .711477 .707765	.720596 .717026 .713414 .709761 .706067	.718858 .715303 .711707 .708071 .704394	.717144 .713604 .710024 .706404 .702745
- 4.5		.724272 .720270 .716214 .712105 .707943	.722285 .718301 .714265 .710176 .706036	.720329 .716363 .712346 .708278 .704160	.718402 .714455 .710458 .706411 .702314	.716506 .712577 .708600 .704574 .700499	.714638 .710729 .706771 .702766 .598713	.712799 .708908 .704970 .700986 .696955	.710988 .707116 .703198 .699234 .695226	.709204 .705351 .701453 .697510 .693524	.707447 .703613 .699735 .695813 .691849	.705716 .701901 .698043 .694143 .690200	.704011 .700215 .696377 .692498 .688577	.702331 .698555 .694737 .690878 .686979	.700677 .696919 .693121 .689283 .685406	.699046 .695307 .691530 .687713 .683857
- 4.0		.703727 .699459 .695137 .690763 .686337	.701843 .697599 .693303 .688956 .684558	.699990 .695770 .691500 .687179 .682809	.698168 .693972 .689727 .685434 .681092	.696376 .692204 .687985 .683718 .679403	.694612 .690465 .686271 .682031 .677744	.692878 .688755 .684586 .680372 .676113	.691172 .687073 .682929 .678741 .674510	.689493 .685418 .681299 .677138 .672934	.687841 .683790 .679696 .675561 .671384	.686215 .682188 .678119 .674010 .669859	.684615 .680612 .676568 .672484 .668361	.683040 .679060 .675041 .670983 .666886	.681490 .677534 .673539 .669507 .665436	.679963 .676031 .672061 .668054 .664009
- 3.5		.681859 .677330 .672750 .668119 .663439	.680109 .675611 .671063 .666466 .661820	.678390 .673922 .669406 .664842 .660231	.676702 .672264 .667780 .663249 .658672	.675042 .670635 .666182 .661684 .657141	.673412 .669035 .664613 .660147 .655638	.671810 .667462 .663071 .658637 .654161	.670235 .665917 .661557 .657155 .652711	.668687 .664398 .660069 .655698 .651287	.667165 .662906 .658606 .654267 .649888	.665669 .661438 .657169 .652860 .648514	.664198 .659996 .655756 .651478 .647163	.662751 .658577 .654367 .650119 .645835	.661328 .657183 .653001 .648783 .644530	.659928 .655811 .651658 .647470 .643248
- 3.0		.658710 .653933 .649108 .644237 .639320	.657127 .652388 .647602 .642771 .637895	.655574 .650872 .646124 .641333 .636498	.654050 .649384 .644674 .639922 .635128	.652554 .647924 .643252 .638538 .633784	.651086 .646492 .641856 .637181 .632465	.649644 .645085 .640486 .635848 .631172	.648228 .643704 .639142 .634541 .629902	.646837 .642348 .637821 .633257 .628657	.645471 .641017 .636525 .631997 .627434	.644130 .639709 .635252 .630760 .626233	.642811 .638424 .634001 .629544 .625054	.641516 .637162 .632773 .628351 .623896	.640243 .635921 .631566 .627179 .622759	.638992 .634702 .630380 .626027 .621642
- 2.5		.634359 .629354 .624307 .619219 .614091	.632977 .628016 .623014 .617972 .612892	.631622 .626704 .621747 .616750 .611717	.630293 .625418 .620504 .615553 .610565	.628990 .624157 .619286 .614379 .609437	.627712 .622920 .618092 .613229 .608331	.626458 .621707 .616921 .612101 .607247	.625228 .620517 .615773 .610994 .606183	.624021 .619350 .614646 .609909 .605141	.622836 .618204 .613540 .608844 .604118	.621673 .617080 .612455 .607799 .603114	.620531 .615976 .611390 .606774 .602129	.619410 .614892 .610344 .605768 .601163	.618309 .613828 .609318 .604780 .600214	.617227 .612783 .608310 .603810 .599283
- 2.0		.608924 .603720 .598481 .593207 .587900	.607774 .602620 .597431 .592209 .586955	.606647 .601542 .596403 .591232 .586031	.605542 .600486 .595396 .590275 .585125	.604460 .599451 .594410 .589338 .584238	.603400 .598437 .593443 .588420 .583369	.602361 .597443 .592496 .587521 .582518	.601341 .596469 .591568 .586639 .581684	.600342 .595514 .590658 .585775 .580866	.599362 .594577 .589765 .584927 .580065	.598400 .593658 .588890 .584096 .579279	.597456 .592757 .588031 .583281 .578508	.596531 .591872 .587189 .582482 .577751	.595622 .591004 .586362 .581697 .577009	.594730 .590152 .585551 .580927 .576281
- 1.5		.582562 .577195 .571800 .566379 .560934	.581672 .576359 .571020 .565656 .560269	.580800 .575542 .570257 .564949 .559617	.579946 .574741 .569510 .564256 .558980	.579110 .573957 .568779 .563578 .558356	.578292 .573189 .568062 .562914 .557745	.577490 .572437 .567361 .562264 .557146	.576704 .571700 .566674 .561627 .556560	.575933 .570977 .566000 .561002 .555986	.575178 .570270 .565340 .560391 .555423	.574438 .569575 .564693 .559791 .554872	.573712 .568895 .564058 .559203 .554331	.573000 .568227 .563436 .558627 .553801	.572301 .567573 .562826 .558061 .553281	.571616 .566930 .562227 .557507 .552771
- 1.0		.555467 .549979 .544473 .538950 .533413	.554860 .549431 .543984 .538521 .533044	.554265 .548894 .543505 .538101 .532684	.553683 .548369 .543037 .537690 .532331	.553114 .547854 .542579 .537288 .531985	.552557 .547351 .542130 .536895 .531647	.552011 .546858 .541690 .536509 .531316	.551476 .546375 .541260 .536132 .530992	.550952 .545903 .540839 .535762 .530674	.550439 .545439 .540426 .535400 .530363	.549936 .544985 .540021 .535045 .530058	.549443 .544540 .539625 .534697 .529760	.548959 .544104 .539236 .534356 .529467	.548485 .543676 .538854 .534022 .529180	.548020 .543256 .538480 .533694 .528898
- .5		.527864 .522303 .516735 .511160 .505581	.527556 .522057 .516550 .511036 .505519	.527254 .521815 .516368 .510915 .505459	.526960 .521579 .516191 .510797 .505400	.526671 .521348 .516017 .510681 .505342	.526389 .521122 .515848 .510568 .505285	.526112 .520900 .515681 .510457 .505229	.525842 .520683 .515518 .510348 .505175	.525577 .520471 .515359 .510242 .505122	.525317 .520263 .515203 .510138 .505070	.525063 .520059 .515050 .510036 .505019	.524813 .519859 .514900 .509936 .504969	.524569 .519664 .514753 .509838 .504919	.524329 .519472 .514609 .509741 .504871	.524094 .519283 .514467 .509647 .504824

		rA(r,z)															
r	z	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	
.0	.000000	.005000	.020000	.045000	.080000	.125000	.180000	.245000	.320000	.405000	.500000	.500000	.500000	.500000	.500000	.500000	
	.000000	.004501	.017980	.040366	.071520	.111209	.159026	.214228	.275277	.338323	.392260	.422993	.438485	.447821	.454239		
	.000000	.004016	.016022	.035885	.063356	.098019	.139188	.185702	.235512	.284930	.328234	.360738	.383160	.398862	.410408		
	.000000	.003559	.014179	.031686	.055759	.085879	.121240	.160603	.202084	.243002	.280192	.311268	.335805	.354868	.369838		
	.000000	.003138	.012488	.027854	.048883	.075027	.105480	.139104	.174362	.209354	.242102	.271092	.295712	.316179	.333118		
.5	.000000	.002759	.010969	.024430	.042790	.065519	.091879	.120891	.151341	.181845	.211044	.237859	.261692	.282434	.300304		
	.000000	.002422	.009626	.021419	.037469	.057294	.080245	.105507	.132119	.159042	.185274	.209994	.232665	.253052	.271167		
	.000000	.002128	.008453	.018799	.032866	.050228	.070330	.092500	.115970	.139936	.163626	.186389	.207752	.227442	.245361		
	.000000	.001872	.007436	.016535	.028905	.044178	.061886	.081472	.102321	.123791	.145271	.166229	.186252	.205065	.222518		
	.000000	.001651	.006559	.014587	.025506	.039003	.054684	.072090	.090717	.110049	.129589	.148894	.167604	.185457	.202282		
1.0	.000000	.001461	.005805	.012913	.022591	.034572	.048527	.064074	.080800	.098281	.116105	.133902	.151356	.168224	.184330		
	.000000	.001297	.005156	.011474	.020087	.030770	.043246	.057198	.072282	.088146	.104448	.120871	.137140	.153032	.168375		
	.000000	.001156	.004597	.010236	.017933	.027498	.038700	.051273	.064929	.079375	.094319	.109492	.124653	.139599	.154167		
	.000000	.001035	.004115	.009167	.016074	.024674	.034773	.046146	.058554	.071747	.085477	.099514	.113644	.127686	.141487		
	.000000	.000930	.003698	.008242	.014464	.022226	.031365	.041692	.053002	.065084	.077727	.090730	.103906	.117092	.130147		
1.5	.000000	.000838	.003335	.007439	.013065	.020098	.028398	.037805	.048147	.059241	.070907	.082969	.095264	.107645	.119981		
	.000000	.000759	.003020	.006740	.011845	.018239	.025803	.034401	.043883	.054096	.064882	.076088	.087571	.099197	.110848		
	.000000	.000689	.002744	.006127	.010777	.016610	.023525	.031406	.040125	.049548	.059540	.069967	.080701	.091623	.102625		
	.000000	.000628	.002502	.005590	.009838	.015177	.021518	.028762	.036800	.045515	.054789	.064505	.074549	.084815	.095205		
	.000000	.000575	.002289	.005116	.009010	.013911	.019743	.026420	.033848	.041925	.050549	.059616	.069025	.078681	.088494		
2.0	.000000	.000527	.002101	.004697	.008277	.012788	.018167	.024337	.031217	.038720	.046753	.055227	.064051	.073140	.082413		
	.000000	.000485	.001934	.004325	.007626	.011790	.016763	.022479	.028866	.035848	.043345	.051276	.059561	.068124	.076890		
	.000000	.000448	.001785	.003993	.007045	.010899	.015508	.020815	.026758	.033268	.040276	.047709	.055498	.063572	.071865		
	.000000	.000414	.001652	.003697	.006525	.010101	.014383	.019321	.024861	.030943	.037505	.044482	.051812	.059432	.067282		
	.000000	.000384	.001532	.003431	.006058	.009384	.013371	.017976	.023151	.028842	.034996	.041554	.048461	.055659	.063095		
2.5	.000000	.000357	.001425	.003192	.005638	.008738	.012458	.016761	.021603	.026939	.032718	.038892	.045407	.052214	.059262		
	.000000	.000333	.001328	.002976	.005259	.008154	.011632	.015660	.020200	.025210	.030646	.036465	.042618	.049061	.055747		
	.000000	.000311	.001241	.002781	.004915	.007625	.010883	.014660	.018923	.023635	.028757	.034247	.040065	.046170	.052518		
	.000000	.000291	.001162	.002603	.004603	.007144	.010201	.013750	.017760	.022198	.027029	.032217	.037725	.043513	.049546		
	.000000	.000273	.001089	.002442	.004319	.006705	.009580	.012919	.016697	.020883	.025447	.030355	.035574	.041069	.046806		
3.0	.000000	.000256	.001023	.002295	.004060	.006305	.009012	.012159	.015724	.019678	.023995	.028643	.033594	.038815	.044275		
	.000000	.000241	.000963	.002160	.003823	.005939	.008492	.011463	.014830	.018571	.022659	.027067	.031768	.036734	.041935		
	.000000	.000227	.000908	.002037	.003606	.005603	.008014	.010822	.014009	.017551	.021427	.025612	.030081	.034808	.039766		
	.000000	.000215	.000857	.001924	.003406	.005294	.007575	.010233	.013251	.016611	.020290	.024268	.028520	.033023	.037754		
	.000000	.000203	.000811	.001819	.003222	.005009	.007169	.009689	.012552	.015742	.019239	.023023	.027073	.031367	.035884		
3.5	.000000	.000192	.000768	.001723	.003052	.004746	.006795	.009186	.011906	.014938	.018264	.021868	.025729	.029828	.034144		
	.000000	.000182	.000728	.001634	.002895	.004503	.006449	.008721	.011307	.014192	.017360	.020795	.024480	.028395	.032523		
	.000000	.000173	.000691	.001552	.002750	.004278	.006128	.008289	.010751	.013499	.016520	.019797	.023316	.027059	.031010		
	.000000	.000165	.000657	.001476	.002615	.004069	.005830	.007888	.010234	.012854	.015737	.018867	.022231	.025812	.029596		
	.000000	.000157	.000626	.001405	.002489	.003874	.005552	.007515	.009753	.012254	.015007	.018000	.021218	.024647	.028273		
4.0	.000000	.000149	.000596	.001339	.002373	.003693	.005294	.007167	.009304	.011693	.014326	.017189	.020270	.023556	.027035		
	.000000	.000142	.000569	.001277	.002264	.003524	.005053	.006842	.008884	.011170	.013689	.016430	.019383	.022534	.025873		
	.000000	.000136	.000543	.001219	.002162	.003367	.004828	.006539	.008492	.010680	.013092	.015719	.018551	.021575	.024782		
	.000000	.000130	.000519	.001166	.002067	.003219	.004617	.006255	.008125	.010221	.012533	.015053	.017770	.020675	.023756		
	.000000	.000124	.000497	.001115	.001978	.003081	.004420	.005988	.007781	.009790	.012008	.014427	.017036	.019828	.022791		
4.5	.000000	.000119	.000476	.001068	.001895	.002952	.004234	.005739	.007458	.009386	.011515	.013838	.016346	.019031	.021882		
	.000000	.000114	.000456	.001024	.001816	.002830	.004060	.005504	.007154	.009005	.011051	.013284	.015696	.018279	.021025		
	.000000	.000109	.000437	.000982	.001743	.002715	.003897	.005283	.006868	.008647	.010614	.012762	.015083	.017570	.020216		
	.000000	.000105	.000420	.000943	.001673	.002608	.003743	.005075	.006599	.008310	.010202	.012269	.014505	.016901	.019451		
	.000000	.000101	.000403	.000906	.001608	.002506	.003598	.004879	.006345	.007991	.009813	.011804	.013958	.016268	.018728

		rA(r,z)														
r	z	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
.0		.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000
		.459012	.462745	.465771	.468287	.470422	.472260	.473865	.475280	.476539	.477667	.478686	.479611	.480455	.481228	.481940
		.419294	.426384	.432200	.437077	.441237	.444837	.447988	.450774	.453258	.455489	.457504	.459336	.461009	.462544	.463958
		.381836	.391660	.399860	.406819	.412808	.418025	.422614	.426687	.430331	.433611	.436582	.439287	.441761	.444033	.446129
		.347220	.359084	.369182	.377874	.385435	.392075	.397956	.403202	.407914	.412171	.416037	.419566	.422800	.425777	.428525
.5		.315672	.328932	.340439	.350494	.359345	.367190	.374189	.380472	.386142	.391287	.395976	.400268	.404212	.407849	.411214
		.287168	.301286	.313765	.324832	.334690	.343514	.351450	.358620	.365128	.371060	.376488	.381474	.386068	.390316	.394255
		.261544	.276102	.289184	.300949	.311553	.321138	.329829	.337737	.344957	.351571	.357649	.363253	.368434	.373237	.377703
		.238570	.253253	.266643	.278843	.289961	.300107	.309383	.317882	.325689	.332879	.339516	.345660	.351360	.356661	.361602
		.217994	.232573	.246044	.258462	.269897	.280427	.290132	.299087	.307363	.315024	.322131	.328736	.334886	.340625	.345990
1.0		.199566	.213880	.227259	.239724	.251313	.262077	.272073	.281360	.289994	.298030	.305520	.312510	.319044	.325160	.330896
		.183052	.196989	.210150	.222529	.234140	.245012	.255181	.264690	.273583	.281904	.289696	.296999	.303851	.310288	.316342
		.168237	.181724	.194577	.206770	.218299	.229174	.239417	.249054	.258118	.266642	.274661	.282209	.289318	.296020	.302343
		.154929	.167921	.180402	.192336	.203702	.214498	.224730	.234415	.243573	.252229	.260408	.268139	.275448	.282362	.288906
		.142955	.155427	.167497	.179117	.190260	.200911	.211066	.220731	.229917	.238641	.246922	.254780	.262236	.269314	.276033
1.5		.132165	.144107	.155740	.167011	.177885	.188340	.198364	.207954	.217113	.225852	.234181	.242115	.249673	.256869	.263723
		.122423	.133837	.145020	.155918	.166492	.176713	.186563	.196033	.205120	.213826	.222159	.230127	.237742	.245018	.251969
		.113613	.124506	.135236	.145749	.156000	.165960	.175604	.184918	.193894	.202530	.210827	.218790	.226426	.233745	.240758
		.105631	.116017	.126298	.136418	.146335	.156013	.165426	.174557	.183392	.191926	.200154	.208079	.215704	.223035	.230080
		.098385	.108282	.118121	.127850	.137425	.146809	.155974	.164900	.173571	.181975	.190109	.197968	.205553	.212868	.219917
2.0		.091796	.101222	.110632	.119974	.129205	.138288	.147194	.155899	.164386	.172642	.180657	.188427	.195949	.203224	.210253
		.085793	.094769	.103764	.112727	.121616	.130395	.139034	.147508	.155798	.163888	.171767	.179428	.186867	.194080	.201068
		.080314	.088862	.097457	.106051	.114604	.123080	.131448	.139683	.147765	.155677	.163406	.170943	.178281	.185416	.192345
		.075304	.083445	.091657	.099894	.108118	.116293	.124390	.132384	.140251	.147976	.155544	.162943	.170166	.177208	.184063
		.070715	.078471	.086316	.094209	.102113	.109993	.117821	.125570	.133220	.140751	.148149	.155401	.162499	.169434	.176202
2.5		.066504	.073895	.081391	.088954	.096547	.104139	.111701	.119208	.126637	.133971	.141193	.148290	.155253	.162072	.168742
		.062634	.069680	.076844	.084090	.091384	.098695	.105996	.113262	.120472	.127606	.134648	.141585	.148406	.155102	.161664
		.059071	.065791	.072639	.079582	.086588	.093628	.100674	.107703	.114694	.121628	.128488	.135262	.141936	.148501	.154949
		.055786	.062197	.068746	.075400	.082129	.088906	.095704	.102502	.109277	.116011	.122689	.129296	.135820	.142250	.148578
		.052751	.058872	.065136	.071515	.077979	.084502	.091060	.097631	.104194	.110731	.117227	.123666	.130037	.136329	.142532
3.0		.049944	.055790	.061786	.067902	.074112	.080391	.086717	.093067	.099422	.105765	.112080	.118352	.124569	.130720	.136795
		.047343	.052931	.058671	.064537	.070505	.076550	.082651	.088787	.094940	.101092	.107227	.113333	.119395	.125404	.131350
		.044930	.050274	.055772	.061401	.067136	.072957	.078841	.084770	.090726	.096691	.102650	.108591	.114500	.120366	.126180
		.042688	.047801	.053071	.058473	.063988	.069593	.075269	.080998	.086761	.092544	.098331	.104109	.109865	.115589	.121271
		.040602	.045498	.050550	.055738	.061042	.066441	.071916	.077451	.083029	.088634	.094252	.099870	.105476	.111059	.116609
3.5		.038658	.043348	.048195	.053180	.058282	.063483	.068767	.074115	.079513	.084946	.090399	.095860	.101317	.106760	.112178
		.036844	.041341	.045993	.050784	.055694	.060707	.065806	.070975	.076198	.081463	.086755	.092063	.097374	.102679	.107967
		.035150	.039463	.043931	.048538	.053265	.058097	.063019	.068015	.073071	.078174	.083309	.088467	.093635	.098804	.103963
		.033566	.037705	.041999	.046430	.050983	.055643	.060395	.065225	.070119	.075064	.080048	.085059	.090088	.095123	.100155
		.032082	.036057	.040185	.044449	.048837	.053332	.057921	.062591	.067329	.072122	.076959	.081828	.086720	.091624	.096531
4.0		.030691	.034511	.038481	.042587	.046816	.051154	.055587	.060104	.064691	.069338	.074032	.078763	.083521	.088297	.093081
		.029385	.033058	.036879	.040835	.044913	.049100	.053384	.057753	.062196	.066700	.071256	.075853	.080481	.085132	.089796
		.028158	.031691	.035370	.039183	.043117	.047161	.051302	.055530	.059833	.064200	.068622	.073089	.077591	.082119	.086666
		.027003	.030405	.033949	.037626	.041422	.045329	.049333	.053425	.057594	.061829	.066122	.070462	.074842	.079251	.083683
		.025916	.029192	.032609	.036155	.039821	.043596	.047469	.051431	.055471	.059579	.063747	.067965	.072225	.076518	.080838
4.5		.024891	.028048	.031343	.034766	.038307	.041957	.045704	.049541	.053456	.057442	.061489	.065589	.069733	.073914	.078124
		.023924	.026968	.030147	.033453	.036875	.040404	.044031	.047748	.051544	.055412	.059342	.063327	.067359	.071430	.075533
		.023011	.025947	.029016	.032209	.035518	.038932	.042444	.046045	.049727	.053481	.057299	.061173	.065096	.069061	.073060
		.022147	.024982	.027946	.031032	.034231	.037536	.040938	.044428	.047999	.051643	.055353	.059120	.062938	.066799	.070697
		.021330	.024067	.026932	.029915	.033011	.036210	.039506	.042891	.046356	.049894	.053499	.057162	.060878	.064639	.068439

		rA(r,z)															
r	z	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	
.0	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	
	.482598	.483208	.483774	.484303	.484797	.485260	.485695	.486104	.486490	.486855	.487199	.487526	.487837	.488131	.488412	.488644	
	.465265	.466477	.467604	.468656	.469639	.470561	.471427	.472242	.473011	.473738	.474425	.475077	.475696	.476284	.476844	.477384	
	.448068	.449868	.451543	.453107	.454571	.455943	.457233	.458448	.459594	.460678	.461704	.462676	.463600	.464478	.465314	.466114	
	.431072	.433439	.435644	.437705	.439634	.441446	.443149	.444754	.446270	.447703	.449060	.450347	.451570	.452734	.453842	.454900	
.5	.414337	.417244	.419956	.422493	.424871	.427106	.429209	.431192	.433066	.434839	.436519	.438114	.439629	.441071	.442445	.443754	
	.397918	.401333	.404525	.407514	.410320	.412958	.415445	.417792	.420010	.422112	.424104	.425997	.427796	.429509	.431143	.432714	
	.381865	.385752	.389391	.392805	.396014	.399036	.401887	.404580	.407129	.409545	.411838	.414017	.416091	.418066	.419951	.421754	
	.366218	.370539	.374593	.378402	.381987	.385369	.388563	.391584	.394447	.397162	.399742	.402195	.404532	.406759	.408885	.410900	
	.351015	.355729	.360160	.364332	.368267	.371982	.375497	.378826	.381984	.384982	.387834	.390548	.393136	.395604	.397962	.400214	
1.0	.336282	.341349	.346121	.350623	.354876	.358900	.362711	.366327	.369760	.373024	.376132	.379093	.381918	.384616	.387194	.389754	
	.322044	.327420	.332496	.337295	.341837	.346141	.350225	.354104	.357793	.361305	.364652	.367845	.370893	.373808	.376595	.379264	
	.308314	.313959	.319302	.324364	.329164	.333722	.338053	.342174	.346098	.349838	.353407	.356816	.360074	.363192	.366177	.369034	
	.295103	.300978	.306551	.311843	.316872	.321655	.326209	.330548	.334686	.338637	.342410	.346019	.349472	.352779	.355948	.358984	
	.282416	.288482	.294251	.299741	.304969	.309951	.314703	.319238	.323569	.327710	.331671	.335463	.339095	.342578	.345920	.349134	
1.5	.270253	.276475	.282406	.288063	.293462	.298617	.303542	.308250	.312755	.317066	.321197	.325156	.328954	.332598	.336099	.339462	
	.258609	.264953	.271015	.276811	.282353	.287655	.292731	.297591	.302248	.306713	.310995	.315105	.319053	.322846	.326492	.329999	
	.247477	.253912	.260077	.265983	.271643	.277069	.282272	.287263	.292053	.296653	.301070	.305316	.309398	.313325	.317105	.320742	
	.236846	.243345	.249585	.255577	.261331	.266857	.272167	.277269	.282173	.286889	.291426	.295791	.299994	.304042	.307942	.311700	
	.226706	.233241	.239532	.245586	.251411	.257017	.262413	.267607	.272608	.277424	.282063	.286534	.290843	.294998	.298998	.302842	
2.0	.217040	.223590	.229908	.236003	.241879	.247545	.253008	.258276	.263356	.268256	.272983	.277544	.281946	.286197	.290301	.294262	
	.207833	.214377	.220704	.226818	.232727	.238434	.243948	.249273	.254416	.259385	.264185	.268823	.273305	.277637	.281826	.285874	
	.199069	.205588	.211905	.218023	.223946	.229678	.235225	.240592	.245784	.250807	.255666	.260368	.264918	.269321	.273583	.277714	
	.190730	.197209	.203500	.209605	.215527	.221269	.226835	.232229	.237455	.242519	.247425	.252178	.256783	.261246	.265570	.269762	
	.182799	.189223	.195474	.201553	.207460	.213197	.218768	.224176	.229424	.234517	.239457	.244250	.248900	.253411	.257787	.262034	
2.5	.175257	.181615	.187814	.193853	.199733	.205454	.211018	.216428	.221685	.226794	.231758	.236580	.241264	.245814	.250233	.254524	
	.168088	.174370	.180505	.186494	.192335	.198028	.203574	.208975	.214231	.219347	.224324	.229164	.233872	.238451	.242903	.247234	
	.161273	.167469	.173533	.179462	.185255	.190910	.196428	.201810	.207055	.212167	.217148	.221998	.226721	.231319	.235796	.240154	
	.154796	.160900	.166883	.172744	.178480	.184089	.189570	.194924	.200150	.205249	.210224	.215075	.219805	.224415	.228909	.233292	
	.148639	.154644	.160542	.166328	.171999	.177554	.182990	.188308	.193506	.198586	.203547	.208391	.213119	.217734	.222236	.226624	
3.0	.142787	.148688	.154494	.160199	.165800	.171294	.176679	.181953	.187117	.192169	.197109	.201939	.206659	.211271	.215775	.220174	
	.137223	.143018	.148727	.154346	.159871	.165299	.170626	.175851	.180973	.185991	.190904	.195713	.200418	.205020	.209520	.213924	
	.131933	.137618	.143227	.148757	.154201	.159558	.164822	.169993	.175067	.180045	.184925	.189708	.194392	.198978	.203468	.207864	
	.126902	.132475	.137982	.143419	.148779	.154060	.159257	.164368	.169391	.174324	.179165	.183915	.188573	.193139	.197612	.202000	
	.122117	.127576	.132979	.138320	.143593	.148795	.153921	.158969	.163935	.168818	.173617	.178330	.182957	.187496	.191949	.196324	
3.5	.117564	.122909	.128206	.133449	.138633	.143753	.148805	.153786	.158692	.163522	.168273	.172945	.177536	.182045	.186473	.190824	
	.113231	.118461	.123652	.128796	.133889	.138925	.143900	.148811	.153654	.158427	.163127	.167754	.172305	.176780	.181178	.185500	
	.109105	.114221	.119305	.124350	.129350	.134300	.139197	.144035	.148812	.153525	.158172	.162750	.167259	.171695	.176060	.180354	
	.105176	.110179	.115156	.120101	.125007	.129871	.134687	.139451	.144160	.148811	.153401	.157928	.162390	.166785	.171113	.175374	
	.101434	.106324	.111194	.116039	.120852	.125627	.130362	.135050	.139689	.144275	.148806	.153279	.157692	.162044	.166333	.170562	
4.0	.097867	.102645	.107410	.112155	.116874	.121561	.126213	.130825	.135392	.139912	.144382	.148799	.153161	.157466	.161713	.165904	
	.094466	.099135	.103795	.108441	.113066	.117665	.122234	.126767	.131262	.135715	.140122	.144481	.148790	.153046	.157249	.161400	
	.091223	.095784	.100340	.104888	.109419	.113930	.118415	.122871	.127292	.131676	.136020	.140319	.144573	.148779	.152935	.157044	
	.088129	.092583	.097038	.101488	.105927	.110350	.114752	.119128	.123476	.127790	.132069	.136308	.140506	.144659	.148767	.152834	
	.085175	.089525	.093879	.098233	.102580	.106916	.111235	.115533	.119806	.124051	.128263	.132441	.136581	.140681	.144739	.148754	
4.5	.082355	.086602	.090858	.095117	.099374	.103623	.107859	.112079	.116277	.120452	.124598	.128714	.132795	.136841	.140848	.144814	
	.079661	.083808	.087967	.092133	.096300	.100463	.104617	.108759	.112883	.116987	.121067	.125120	.129142	.133132	.137087	.141004	
	.077087	.081135	.085199	.089274	.093352	.097431	.101504	.105568	.109618	.113652	.117665	.121654	.125617	.129551	.133453	.137324	
	.074625	.078578	.082549	.086533	.090525	.094520	.098513	.102500	.106477	.110440	.114386	.118312	.122215	.126092	.129940	.133754	
	.072271	.076130	.080010	.083906	.087813	.091725	.095639	.099550	.103454	.107347	.111227	.115089	.118932	.122751	.126546	.130314

		rA(r,z)														
r		4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
z																
.0		.500000 .488680 .477377 .466111 .454898	.500000 .488935 .477886 .466871 .455907	.500000 .489178 .478373 .467598 .456870	.500000 .489411 .478838 .468293 .457792	.500000 .489635 .479283 .468959 .458676	.500000 .489848 .479710 .469597 .459522	.500000 .490053 .480119 .470208 .460334	.500000 .490250 .480511 .470796 .461114	.500000 .490439 .480889 .471360 .461863	.500000 .490621 .481252 .471903 .462584	.500000 .490796 .481601 .472425 .463278	.500000 .490964 .481937 .472928 .463946	.500000 .491126 .482261 .473413 .464591	.500000 .491283 .482574 .473881 .465212	.500000 .491434 .482875 .474332 .465812
.5		.443756 .432701 .421750 .410917 .400216	.445008 .434190 .423470 .412860 .402374	.446204 .435615 .425115 .414720 .404440	.447350 .436978 .426691 .416502 .406421	.448447 .438285 .428202 .418211 .408323	.449498 .439538 .429652 .419852 .410148	.450508 .440741 .431044 .421428 .411903	.451477 .441896 .432382 .422943 .413591	.452409 .443008 .433668 .424401 .415215	.453306 .444077 .434907 .425805 .416780	.454169 .445106 .436100 .427158 .418288	.455000 .446099 .437250 .428462 .419743	.455802 .447055 .438359 .429720 .421146	.456575 .447979 .439429 .430935 .422502	.457322 .448870 .440463 .432108 .423812
1.0		.389662 .375265 .369037 .358989 .349128	.392024 .381823 .371781 .361907 .352210	.394289 .384277 .374415 .364711 .355174	.396462 .386633 .376944 .367406 .358024	.398547 .388896 .379376 .369998 .360769	.400552 .391071 .381716 .372494 .363412	.402479 .393164 .383968 .374897 .365960	.404333 .395179 .386137 .377214 .368417	.406119 .397120 .388228 .379448 .370788	.407840 .398992 .390245 .381604 .373077	.409499 .400797 .392191 .383686 .375289	.411100 .402540 .394070 .385697 .377427	.412645 .404223 .395886 .387641 .379494	.414138 .405849 .397642 .389521 .381494	.415581 .407422 .399340 .391341 .383430
1.5		.339463 .330000 .320745 .311702 .302875	.342698 .333377 .324252 .315328 .306610	.345811 .336628 .327632 .318827 .310216	.348808 .339762 .330893 .322204 .313701	.351695 .342783 .334038 .325466 .317069	.354478 .345697 .337075 .328617 .320325	.357162 .348510 .340009 .331662 .323475	.359753 .351226 .342843 .334608 .326524	.362254 .353850 .345583 .337457 .329475	.364670 .356387 .348234 .340214 .332333	.367005 .358840 .350799 .342884 .335102	.369264 .361214 .353282 .345471 .337786	.371449 .363512 .355686 .347977 .340388	.373564 .365737 .358016 .350407 .342912	.375612 .367893 .360275 .352764 .345361
2.0		.294267 .285878 .277709 .269762 .262034	.298098 .289797 .281705 .273825 .266155	.301803 .293589 .285576 .277764 .270155	.305385 .297260 .289326 .281585 .274037	.308850 .300814 .292960 .285291 .277806	.312204 .304256 .296483 .288886 .281466	.315451 .307591 .299898 .292375 .285021	.318595 .310823 .303211 .295761 .288474	.321640 .313957 .306426 .299049 .291829	.324592 .316995 .309545 .302243 .295090	.327454 .319944 .312573 .305344 .298259	.330229 .322804 .315513 .308359 .301341	.332922 .325582 .318370 .311288 .304338	.335535 .328278 .321145 .314136 .307254	.338072 .330898 .323842 .316906 .310091
2.5		.254525 .247233 .240154 .233287 .226628	.258695 .251443 .244397 .237554 .230913	.262746 .255537 .248526 .241712 .235091	.266682 .259519 .252546 .245763 .239167	.270506 .263391 .256460 .249710 .243142	.274224 .267158 .260270 .253557 .247018	.277837 .270823 .263979 .257305 .250798	.281350 .274389 .267592 .260958 .254485	.284765 .277859 .271110 .264517 .258082	.288087 .281236 .274536 .267987 .261589	.291319 .284523 .277874 .271370 .265011	.294463 .287724 .281125 .274667 .268350	.297522 .290841 .284294 .277883 .271607	.300501 .293876 .287382 .281018 .274785	.303400 .296833 .290392 .284076 .277887
3.0		.220174 .213919 .207861 .201994 .196315	.224469 .218219 .212159 .206286 .200595	.228662 .222420 .216363 .210487 .204789	.232755 .226526 .220475 .214600 .208897	.236751 .230537 .224496 .218625 .212922	.240651 .234455 .228427 .222564 .216864	.244458 .238283 .232270 .226418 .220725	.248174 .242022 .236028 .230189 .224504	.251801 .245675 .239701 .233878 .228205	.255342 .249243 .243292 .237487 .231827	.258798 .252729 .246802 .241013 .235374	.262172 .256134 .250234 .244472 .238845	.265466 .259461 .253589 .247850 .242244	.268683 .262711 .256869 .251155 .245570	.271824 .265887 .260075 .254389 .248827
3.5		.190818 .185499 .180352 .175373 .170557	.195081 .189741 .184570 .179564 .174717	.199263 .193907 .188715 .183685 .178811	.203364 .197995 .192787 .187737 .182840	.207384 .202006 .196785 .191719 .186802	.211324 .205941 .200711 .195631 .190698	.215186 .209800 .204564 .199474 .194528	.218970 .213585 .208345 .203248 .198292	.222678 .217295 .212055 .206954 .201991	.226310 .220933 .215695 .210593 .205624	.229868 .224500 .219266 .214164 .209193	.233354 .227995 .222768 .217670 .212699	.236768 .231422 .226203 .221110 .216141	.240112 .234780 .229571 .224486 .219521	.243388 .238071 .232875 .227798 .222840
4.0		.165900 .161395 .157039 .152827 .148753	.170026 .165485 .161090 .156837 .152721	.174090 .169517 .165087 .160797 .156643	.178092 .173490 .169029 .164706 .160516	.182032 .177404 .172915 .168562 .164339	.185908 .181258 .176745 .172364 .168113	.189722 .185053 .180518 .176113 .171836	.193473 .188788 .184234 .179808 .175507	.197161 .192463 .187893 .183449 .179127	.200787 .196078 .191495 .187035 .182695	.204351 .199633 .195040 .190566 .186211	.207853 .203130 .198528 .194044 .189675	.211295 .206568 .201959 .197467 .193087	.214676 .209948 .205335 .200836 .196447	.217998 .213270 .208655 .204151 .199756
4.5		.144814 .141005 .137321 .133759 .130313	.148739 .144884 .141154 .137544 .134051	.152619 .148723 .144950 .141296 .137757	.156455 .152520 .148707 .145011 .141430	.160245 .156274 .152424 .148690 .145069	.163987 .159984 .156099 .152330 .148672	.167682 .163649 .159732 .155930 .152239	.171328 .167268 .163323 .159490 .155767	.174925 .170840 .166869 .163009 .159256	.178473 .174366 .170371 .166486 .162706	.181972 .177845 .173829 .169920 .166116	.185420 .181276 .177241 .173311 .169485	.188819 .184660 .180607 .176659 .172813	.192168 .187996 .183929 .179964 .176099	.195468 .191285 .187204 .183225 .179344

$ra(r,z)$

r	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
0	.500000 .491580 .483166 .474768 .466391	.500000 .491720 .483448 .475189 .466951	.500000 .491857 .483720 .475596 .467492	.500000 .491988 .483983 .475990 .468016	.500000 .492116 .484238 .476372 .468523	.500000 .492239 .484484 .477099 .469014	.500000 .492359 .484848 .477446 .469490	.500000 .492475 .485180 .477782 .470399	.500000 .492587 .485398 .478109 .470834	.500000 .492697 .485610 .478426 .471255	.500000 .492803 .485815 .478734 .471665	.500000 .492905 .486015 .479033 .472063	.500000 .493005 .486209 .479324 .472450	.500000 .493103 .486398 .479607 .472827	.500000 .493197 .486592 .479824 .473000
.5	.458043 .449731 .441462 .433243 .425079	.458740 .450564 .442428 .434339 .426304	.459415 .451369 .443363 .435401 .427490	.460067 .452149 .444267 .436429 .428638	.460699 .452903 .445143 .437424 .429751	.461310 .453635 .445992 .438389 .430829	.461903 .454343 .446815 .439324 .431875	.462478 .455031 .447613 .440232 .432890	.463036 .455697 .448388 .441112 .433875	.463578 .456345 .449140 .441967 .434832	.464103 .456973 .449870 .442798 .435761	.464614 .457584 .450580 .443605 .436664	.465110 .458177 .451269 .444390 .437543	.465592 .458755 .451940 .445153 .438397	.466062 .459316 .452593 .445896 .439228
1.0	.416977 .408943 .400983 .393102 .385305	.418327 .410416 .402574 .394808 .387122	.419635 .411842 .404115 .396461 .388883	.420901 .413223 .405609 .398064 .390592	.422129 .414563 .407058 .399618 .392249	.423318 .415861 .408463 .401127 .393858	.424473 .417122 .409826 .402591 .395420	.425593 .418345 .411150 .403926 .396737	.426681 .419533 .412436 .405395 .398412	.427737 .420687 .413686 .406738 .399846	.428763 .421809 .414901 .408044 .401240	.429761 .422899 .416082 .409314 .402597	.430731 .423960 .417231 .410549 .403917	.431675 .424992 .418350 .411752 .405203	.432594 .425996 .419439 .412924 .406455
1.5	.377597 .369983 .362466 .355050 .347739	.379521 .372009 .364591 .357269 .350048	.381387 .373975 .366553 .359424 .352290	.383197 .375884 .368656 .361517 .354470	.384954 .377736 .370601 .363550 .356588	.386659 .379536 .372491 .365527 .358648	.388316 .381285 .374328 .367449 .360652	.389926 .382984 .376114 .369319 .362601	.391492 .384637 .377851 .371138 .364499	.393014 .386245 .379542 .372908 .366347	.394494 .387809 .381188 .374632 .368146	.395935 .389332 .382790 .376312 .369900	.397338 .390815 .384350 .377947 .371608	.398704 .392259 .385871 .379542 .373274	.400035 .393667 .387353 .381096 .374898
2.0	.340536 .333443 .326464 .319600 .312852	.342930 .335917 .329014 .322221 .315540	.345256 .338323 .331494 .324772 .318158	.347517 .340663 .333908 .327256 .320707	.349717 .342939 .336258 .329674 .323191	.351856 .345154 .338545 .332030 .325611	.353938 .347311 .340773 .334325 .327970	.355964 .349411 .342943 .336562 .330270	.357938 .351456 .345057 .338742 .332513	.359860 .353449 .347118 .340868 .334701	.361732 .355392 .349128 .342942 .336836	.363557 .357285 .351087 .344964 .338919	.365336 .359132 .352999 .346938 .340952	.367071 .360933 .354864 .348865 .342937	.368763 .362690 .356684 .350745 .344876
2.5	.306224 .299715 .293327 .287060 .280915	.308974 .302523 .296188 .289970 .283870	.311653 .305260 .298979 .292810 .286755	.314264 .307929 .301701 .295582 .289573	.316809 .310531 .304357 .298288 .292324	.319291 .313069 .306948 .300929 .295012	.321710 .315545 .309478 .303508 .297638	.324070 .317962 .311947 .306027 .300203	.326372 .320320 .314358 .308488 .302710	.328618 .322622 .316713 .310892 .305160	.330811 .324870 .319012 .313241 .307555	.332952 .327065 .321259 .315536 .309897	.335042 .329209 .323455 .317781 .312187	.337083 .331304 .325601 .319975 .314427	.339077 .333351 .327698 .322120 .316618
3.0	.274891 .268990 .263211 .257552 .252014	.277888 .272023 .266276 .260647 .255135	.280814 .274987 .269274 .263675 .258189	.283674 .277885 .272207 .266638 .261180	.286468 .280718 .275074 .269538 .264109	.289198 .283487 .277880 .272376 .266976	.291866 .286195 .280624 .275154 .269783	.294475 .288844 .283309 .277873 .272533	.297025 .291434 .285937 .280534 .275226	.299519 .293968 .288508 .283140 .277864	.301957 .296447 .291025 .285692 .280447	.304342 .298872 .293488 .288190 .282978	.306675 .301246 .295900 .290637 .285458	.308958 .303570 .298262 .293034 .287888	.311192 .305844 .300574 .295382 .290270
3.5	.246596 .241296 .236114 .231049 .226098	.249738 .244457 .239291 .234238 .229296	.252816 .247556 .242406 .237366 .232436	.255832 .250592 .245460 .240436 .235518	.258785 .253568 .248455 .243447 .238543	.261679 .256484 .251392 .246402 .241513	.264513 .259343 .254273 .249301 .244427	.267291 .262146 .257097 .252145 .247288	.270012 .264893 .259867 .254935 .250097	.272679 .267586 .262584 .257673 .252854	.275292 .270226 .265249 .260360 .255560	.277853 .272814 .267862 .262996 .258216	.280363 .275353 .270426 .265583 .260824	.282824 .277842 .272941 .268122 .263385	.285237 .280283 .275408 .270614 .265898
4.0	.221261 .216535 .211920 .207413 .203013	.224466 .219744 .215130 .210623 .206219	.227613 .222898 .218287 .213780 .209375	.230705 .225996 .221390 .216885 .212481	.233741 .229041 .224441 .219940 .215537	.236723 .232032 .227440 .222944 .218544	.239651 .234972 .230388 .225898 .221502	.242527 .237859 .233285 .228803 .224413	.245351 .240696 .236133 .231660 .227277	.248124 .243484 .238933 .234469 .230094	.250847 .246222 .241684 .237232 .232865	.253522 .248913 .244388 .239948 .235591	.256149 .251556 .247046 .242618 .238272	.258728 .254153 .249659 .245244 .240910	.261262 .256705 .252227 .247827 .243504
4.5	.198718 .194525 .190434 .186442 .182546	.201919 .197719 .193618 .189615 .185707	.205071 .200865 .196757 .192745 .188826	.208174 .203965 .199851 .195831 .191902	.211230 .207018 .202900 .198873 .194937	.214238 .210025 .205904 .201873 .197930	.217199 .212986 .208863 .204829 .200882	.220113 .215902 .211779 .207743 .203792	.222981 .218773 .214651 .210615 .206662	.225804 .221600 .217481 .213444 .209490	.228582 .224383 .220267 .216232 .212278	.231316 .227123 .223011 .218980 .215027	.234006 .229821 .225714 .221686 .217735	.236654 .232476 .228376 .224352 .220405	.239259 .235090 .230997 .226979 .223036

		rA(r,z)														
r	z	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
.0	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000
	.493289	.493378	.493466	.493550	.493633	.493714	.493792	.493869	.493943	.494016	.494087	.494157	.494225	.494291	.494356	.494356
	.486582	.486760	.486934	.487104	.487269	.487430	.487587	.487740	.487889	.488035	.488177	.488316	.488451	.488584	.488713	.488713
	.479882	.480149	.480410	.480664	.480912	.481153	.481388	.481617	.481841	.482059	.482272	.482480	.482683	.482881	.483075	.483075
	.473193	.473549	.473896	.474234	.474563	.474884	.475197	.475502	.475800	.476090	.476374	.476651	.476922	.477186	.477444	.477444
.5	.466518	.466963	.467395	.467817	.468227	.468628	.469018	.469399	.469770	.470133	.470486	.470832	.471169	.471499	.471821	.471821
	.459862	.460394	.460911	.461416	.461907	.462386	.462853	.463309	.463754	.464187	.464611	.465025	.465429	.465824	.466209	.466209
	.453228	.453846	.454448	.455034	.455605	.456163	.456706	.457236	.457753	.458258	.458751	.459232	.459702	.460161	.460610	.460610
	.446618	.447322	.448007	.448675	.449325	.449960	.450578	.451182	.451771	.452346	.452907	.453456	.453991	.454515	.455027	.455027
	.440037	.440825	.441593	.442340	.443069	.443780	.444473	.445150	.445810	.446454	.447084	.447698	.448299	.448886	.449460	.449460
1.0	.433488	.434359	.435208	.436035	.436841	.437627	.438394	.439142	.439872	.440586	.441282	.441962	.442627	.443277	.443912	.443912
	.426974	.427927	.428856	.429760	.430642	.431503	.432342	.433161	.433961	.434742	.435504	.436249	.436978	.437689	.438385	.438385
	.420499	.421532	.422539	.423520	.424477	.425410	.426321	.427210	.428078	.428925	.429753	.430562	.431353	.432126	.432881	.432881
	.414065	.415176	.416260	.417316	.418347	.419352	.420333	.421290	.422225	.423139	.424031	.424903	.425755	.426588	.427403	.427403
	.407675	.408863	.410022	.411152	.412255	.413330	.414380	.415405	.416406	.417384	.418339	.419273	.420185	.421078	.421951	.421951
1.5	.401332	.402596	.403828	.405030	.406203	.407347	.408465	.409556	.410621	.411662	.412680	.413674	.414647	.415597	.416528	.416528
	.395038	.396376	.397680	.398953	.400194	.401406	.402589	.403745	.404874	.405977	.407055	.408110	.409140	.410148	.411135	.411135
	.388798	.390206	.391581	.392922	.394231	.395508	.396756	.397975	.399166	.400330	.401468	.402580	.403668	.404733	.405774	.405774
	.382612	.384090	.385532	.386940	.388314	.389656	.390967	.392248	.393499	.394723	.395919	.397088	.398232	.399352	.400447	.400447
	.376483	.378029	.379537	.381010	.382448	.383852	.385224	.386565	.387876	.389157	.390410	.391635	.392834	.394007	.395156	.395156
2.0	.370413	.372025	.373597	.375133	.376633	.378098	.379529	.380929	.382297	.383634	.384943	.386223	.387475	.388701	.389901	.389901
	.364406	.366080	.367714	.369311	.370871	.372395	.373884	.375341	.376765	.378157	.379520	.380853	.382157	.383434	.384685	.384685
	.358461	.360196	.361891	.363546	.365164	.366745	.368291	.369802	.371280	.372727	.374141	.375526	.376882	.378209	.379508	.379508
	.352582	.354376	.356128	.357841	.359514	.361151	.362751	.364315	.365846	.367344	.368810	.370245	.371650	.373025	.374373	.374373
	.346770	.348620	.350428	.352195	.353923	.355612	.357265	.358881	.360463	.362011	.363527	.365010	.366463	.367886	.369280	.369280
2.5	.341026	.342930	.344791	.346611	.348391	.350132	.351835	.353502	.355133	.356729	.358292	.359823	.361323	.362791	.364231	.364231
	.335352	.337308	.339221	.341091	.342921	.344711	.346463	.348178	.349856	.351500	.353109	.354685	.356230	.357743	.359226	.359226
	.329749	.331755	.333716	.335635	.337513	.339351	.341149	.342910	.344634	.346323	.347977	.349598	.351186	.352742	.354267	.354267
	.324219	.326271	.328280	.330245	.332169	.334052	.335895	.337701	.339469	.341201	.342898	.344562	.346192	.347789	.349356	.349356
	.318761	.320859	.322912	.324922	.326889	.328815	.330702	.332550	.334361	.336135	.337873	.339577	.341248	.342886	.344492	.344492
3.0	.313379	.315519	.317614	.319666	.321675	.323643	.325571	.327460	.329311	.331125	.332903	.334647	.336356	.338033	.339677	.339677
	.308071	.310251	.312387	.314478	.316527	.318535	.320502	.322430	.324319	.326172	.327988	.329770	.331517	.333230	.334911	.334911
	.302839	.305057	.307230	.309360	.311446	.313491	.315496	.317461	.319388	.321277	.323130	.324947	.326730	.328480	.330196	.330196
	.297683	.299937	.302146	.304311	.306434	.308514	.310554	.312555	.314516	.316441	.318329	.320181	.321998	.323782	.325532	.325532
	.292604	.294892	.297134	.299333	.301489	.303603	.305677	.307711	.309706	.311664	.313585	.315470	.317320	.319136	.320920	.320920
3.5	.287602	.289921	.292195	.294425	.296613	.298759	.300864	.302930	.304957	.306947	.308899	.310816	.312698	.314545	.316359	.316359
	.282677	.285025	.287329	.289589	.291806	.293982	.296117	.298213	.300270	.302290	.304272	.306219	.308130	.310008	.311852	.311852
	.277829	.280205	.282536	.284824	.287069	.289273	.291436	.293560	.295646	.297693	.299704	.301679	.303619	.305525	.307397	.307397
	.273059	.275460	.277816	.280130	.282401	.284631	.286821	.288971	.291083	.293158	.295196	.297198	.299165	.301097	.302996	.302996
	.268367	.270790	.273170	.275507	.277803	.280057	.282272	.284447	.286584	.288684	.290747	.292774	.294767	.296725	.298649	.298649
4.0	.263751	.266196	.268597	.270956	.273274	.275551	.277789	.279987	.282148	.284271	.286358	.288409	.290425	.292408	.294356	.294356
	.259213	.261677	.264098	.266477	.268815	.271113	.273372	.275592	.277774	.279920	.282029	.284102	.286141	.288146	.290118	.290118
	.254751	.257232	.259671	.262069	.264426	.266743	.269021	.271261	.273464	.275630	.277760	.279854	.281914	.283941	.285934	.285934
	.250366	.252862	.255317	.257731	.260106	.262441	.264737	.266995	.269217	.271401	.273551	.275665	.277745	.279791	.281805	.281805
	.246056	.248566	.251036	.253465	.255855	.258206	.260518	.262794	.265032	.267235	.269402	.271534	.273633	.275698	.277730	.277730
4.5	.241822	.244344	.246827	.249269	.251673	.254038	.256365	.258656	.260910	.263129	.265313	.267462	.269578	.271660	.273710	.273710
	.237663	.240196	.242689	.245143	.247559	.249937	.252278	.254583	.256851	.259085	.261284	.263449	.265580	.267679	.269745	.269745
	.233578	.236119	.238622	.241087	.243513	.245903	.248256	.250573	.252855	.255102	.257314	.259494	.261640	.263753	.265835	.265835
	.229567	.232115	.234626	.237099	.239535	.241935	.244299	.246627	.248920	.251179	.253404	.255597	.257756	.259883	.261979	.261979
	.225628	.228183	.230700	.233180	.235624	.238033	.240406	.242744	.245047	.247317	.249554	.251758	.253929	.256069	.258178	.258178

		rA(r,z)														
z	r	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
.0	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000	.500000
	.494419	.494481	.494541	.494600	.494658	.494715	.494771	.494825	.494878	.494930	.494981	.495031	.495081	.495129	.495176	.495176
	.488840	.488964	.489085	.489203	.489319	.489432	.489543	.489652	.489758	.489862	.489964	.490064	.490162	.490259	.490353	.490353
	.483265	.483450	.483632	.483809	.483983	.484152	.484319	.484482	.484641	.484797	.484950	.485100	.485247	.485391	.485533	.485533
	.477697	.477943	.478185	.478421	.478652	.478878	.479100	.479317	.479529	.479737	.479941	.480141	.480336	.480528	.480717	.480717
.5	.472136	.472444	.472746	.473040	.473329	.473611	.473888	.474158	.474423	.474683	.474937	.475187	.475431	.475671	.475906	.475906
	.466587	.466956	.467316	.467669	.468015	.468353	.468684	.469008	.469326	.469637	.469942	.470240	.470533	.470820	.471102	.471102
	.461050	.461479	.461899	.462310	.462712	.463105	.463491	.463868	.464238	.464600	.464955	.465303	.465644	.465978	.466306	.466306
	.455527	.456016	.456495	.456963	.457421	.457870	.458310	.458740	.459161	.459574	.459979	.460375	.460764	.461146	.461520	.461520
	.450021	.450569	.451106	.451631	.452146	.452649	.453142	.453625	.454097	.454561	.455015	.455460	.455896	.456324	.456744	.456744
1.0	.444533	.445140	.445735	.446317	.446886	.447443	.447989	.448524	.449048	.449561	.450064	.450557	.451041	.451515	.451980	.451980
	.439066	.439731	.440383	.441020	.441644	.442255	.442854	.443440	.444014	.444577	.445128	.445669	.446199	.446719	.447229	.447229
	.433621	.434344	.435051	.435744	.436422	.437086	.437736	.438373	.438998	.439609	.440209	.440797	.441373	.441939	.442493	.442493
	.428200	.428980	.429743	.430490	.431221	.431938	.432639	.433326	.434000	.434660	.435307	.435942	.436564	.437174	.437773	.437773
	.422805	.423641	.424458	.425259	.426043	.426811	.427563	.428300	.429023	.429730	.430425	.431105	.431773	.432427	.433070	.433070
1.5	.417438	.418328	.419200	.420054	.420890	.421708	.422510	.423296	.424067	.424822	.425562	.426288	.427000	.427699	.428384	.428384
	.412100	.413045	.413969	.414875	.415762	.416631	.417482	.418316	.419134	.419935	.420721	.421492	.422249	.422991	.423719	.423719
	.406793	.407791	.408768	.409725	.410662	.411580	.412479	.413361	.414225	.415073	.415904	.416719	.417518	.418303	.419073	.419073
	.401519	.402569	.403597	.404604	.405590	.406557	.407504	.408432	.409342	.410235	.411110	.411969	.412811	.413638	.414449	.414449
	.396280	.397380	.398458	.399514	.400549	.401563	.402557	.403531	.404486	.405423	.406342	.407243	.408128	.408996	.409848	.409848
2.0	.391076	.392226	.393353	.394458	.395540	.396600	.397639	.398659	.399658	.400638	.401600	.402544	.403469	.404378	.405270	.405270
	.385909	.387108	.388283	.389435	.390563	.391669	.392753	.393817	.394859	.395882	.396886	.397871	.398837	.399786	.400717	.400717
	.380781	.382028	.383250	.384447	.385621	.386771	.387899	.389006	.390091	.391156	.392201	.393226	.394232	.395220	.396190	.396190
	.375693	.376986	.378253	.379496	.380714	.381908	.383079	.384227	.385354	.386460	.387545	.388610	.389656	.390682	.391690	.391690
	.370646	.371984	.373296	.374582	.375843	.377080	.378293	.379483	.380650	.381796	.382920	.384024	.385108	.386172	.387217	.387217
2.5	.365641	.367023	.368378	.369707	.371010	.372288	.373542	.374772	.375979	.377164	.378327	.379469	.380590	.381691	.382773	.382773
	.360680	.362105	.363502	.364872	.366216	.367535	.368828	.370098	.371343	.372566	.373767	.374946	.376104	.377241	.378358	.378358
	.355763	.357229	.358667	.360078	.361462	.362819	.364152	.365459	.366743	.368003	.369240	.370456	.371649	.372821	.373973	.373973
	.350892	.352398	.353876	.355326	.356748	.358144	.359514	.360858	.362179	.363475	.364748	.365999	.367227	.368434	.369620	.369620
	.346067	.347612	.349128	.350616	.352076	.353508	.354915	.356296	.357652	.358983	.360291	.361576	.362838	.364079	.365298	.365298
3.0	.341290	.342873	.344426	.345950	.347446	.348914	.350356	.351772	.353163	.354529	.355870	.357189	.358484	.359757	.361008	.361008
	.336561	.338180	.339769	.341328	.342859	.344362	.345839	.347289	.348713	.350112	.351486	.352837	.354165	.355470	.356752	.356752
	.331881	.333534	.335158	.336751	.338316	.339853	.341363	.342845	.344302	.345733	.347140	.348522	.349881	.351217	.352530	.352530
	.327250	.328937	.330594	.332220	.333818	.335387	.336929	.338443	.339931	.341394	.342831	.344244	.345633	.346999	.348342	.348342
	.322670	.324389	.326078	.327736	.329365	.330965	.332538	.334083	.335602	.337094	.338562	.340004	.341423	.342817	.344189	.344189
3.5	.318141	.319891	.321610	.323298	.324958	.326588	.328190	.329765	.331313	.332835	.334331	.335802	.337249	.338672	.340072	.340072
	.313663	.315442	.317191	.318908	.320597	.322256	.323887	.325490	.327066	.328616	.330141	.331639	.333114	.334564	.335991	.335991
	.309237	.311044	.312821	.314566	.316282	.317969	.319628	.321259	.322862	.324439	.325990	.327516	.329017	.330493	.331946	.331946
	.304863	.306697	.308500	.310273	.312015	.313729	.315414	.317071	.318701	.320304	.321881	.323432	.324959	.326461	.327939	.327939
	.300541	.302401	.304230	.306028	.307796	.309535	.311245	.312927	.314582	.316210	.317812	.319388	.320940	.322466	.323969	.323969
4.0	.296273	.298157	.300010	.301832	.303624	.305388	.307122	.308828	.310507	.312159	.313785	.315385	.316960	.318510	.320037	.320037
	.292057	.293964	.295840	.297686	.299501	.301287	.303045	.304774	.306476	.308151	.309800	.311423	.313021	.314594	.316143	.316143
	.287895	.289824	.291722	.293589	.295426	.297234	.299014	.300766	.302490	.304187	.305857	.307502	.309122	.310717	.312287	.312287
	.283786	.285735	.287654	.289542	.291400	.293229	.295030	.296802	.298547	.300265	.301957	.303623	.305263	.306879	.308470	.308470
	.279730	.281699	.283637	.285545	.287423	.289271	.291092	.292884	.294649	.296387	.298099	.299785	.301445	.303081	.304693	.304693
4.5	.275728	.277715	.279671	.281598	.283494	.285362	.287201	.289012	.290796	.292553	.294284	.295989	.297669	.299323	.300954	.300954
	.271780	.273784	.275757	.277701	.279615	.281500	.283357	.285186	.286988	.288763	.290512	.292235	.293933	.295606	.297255	.297255
	.267885	.269905	.271894	.273854	.275784	.277686	.279559	.281405	.283224	.285017	.286783	.288523	.290239	.291929	.293596	.293596
	.264044	.266078	.268082	.270057	.272003	.273920	.275809	.277671	.279506	.281315	.283097	.284854	.286586	.288293	.289976	.289976
	.260255	.262303	.264321	.266310	.268270	.270202	.272106	.273983	.275833	.277657	.279454	.281227	.282974	.284697	.286396	.286396

		rA(r,z)														
r	z	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4
5.0	.000000	.000097	.000388	.000872	.001547	.002411	.003461	.004693	.006105	.007691	.009446	.011364	.013441	.015670	.018044	
	.000000	.000093	.000373	.000839	.001488	.002320	.003331	.004518	.005878	.007406	.009098	.010948	.012952	.015103	.017395	
	.000000	.000090	.000359	.000808	.001434	.002235	.003209	.004353	.005664	.007137	.008769	.010554	.012488	.014566	.016781	
	.000000	.000087	.000346	.000778	.001382	.002154	.003093	.004196	.005461	.006882	.008457	.010181	.012049	.014056	.016197	
	.000000	.000084	.000334	.000751	.001332	.002077	.002983	.004048	.005268	.006641	.008161	.009827	.011632	.013572	.015643	
5.5	.000000	.000081	.000322	.000724	.001286	.002005	.002879	.003907	.005085	.006411	.007881	.009490	.011236	.013112	.015116	
	.000000	.000078	.000311	.000699	.001241	.001936	.002780	.003773	.004912	.006193	.007614	.009171	.010859	.012675	.014615	
	.000000	.000075	.000301	.000676	.001199	.001870	.002687	.003646	.004747	.005986	.007361	.008867	.010501	.012259	.014137	
	.000000	.000073	.000291	.000653	.001159	.001808	.002597	.003526	.004591	.005789	.007119	.008577	.010160	.011863	.013683	
	.000000	.000070	.000281	.000632	.001121	.001749	.002513	.003411	.004441	.005602	.006890	.008301	.009834	.011485	.013249	
6.0	.000000	.000068	.000272	.000611	.001085	.001692	.002432	.003301	.004299	.005423	.006671	.008039	.009525	.011125	.012836	
	.000000	.000066	.000263	.000592	.001051	.001639	.002355	.003197	.004164	.005253	.006462	.007788	.009229	.010781	.012441	
	.000000	.000064	.000255	.000573	.001018	.001587	.002281	.003098	.004035	.005090	.006263	.007549	.008947	.010453	.012064	
	.000000	.000062	.000247	.000555	.000986	.001539	.002211	.003003	.003911	.004935	.006073	.007320	.008677	.010139	.011703	
	.000000	.000060	.000240	.000539	.000956	.001492	.002144	.002912	.003794	.004787	.005891	.007102	.008419	.009839	.011358	
6.5	.000000	.000058	.000232	.000522	.000928	.001447	.002080	.002825	.003681	.004645	.005717	.006893	.008172	.009551	.011028	
	.000000	.000056	.000226	.000507	.000900	.001405	.002019	.002742	.003573	.004510	.005551	.006693	.007936	.009277	.010712	
	.000000	.000055	.000219	.000492	.000874	.001364	.001961	.002663	.003470	.004380	.005391	.006502	.007710	.009013	.010409	
	.000000	.000053	.000213	.000478	.000849	.001325	.001905	.002587	.003371	.004256	.005239	.006318	.007493	.008761	.010119	
	.000000	.000052	.000207	.000465	.000825	.001288	.001851	.002514	.003277	.004137	.005092	.006143	.007285	.008519	.009840	
7.0	.000000	.000050	.000201	.000452	.000802	.001252	.001800	.002445	.003186	.004022	.004952	.005974	.007086	.008286	.009573	
	.000000	.000049	.000195	.000439	.000780	.001217	.001750	.002378	.003099	.003913	.004818	.005812	.006894	.008063	.009316	
	.000000	.000048	.000190	.000427	.000759	.001184	.001703	.002314	.003015	.003807	.004688	.005656	.006711	.007849	.009069	
	.000000	.000046	.000185	.000416	.000739	.001153	.001657	.002252	.002935	.003706	.004564	.005507	.006534	.007643	.008832	
	.000000	.000045	.000180	.000405	.000719	.001122	.001614	.002193	.002858	.003609	.004445	.005363	.006364	.007445	.008604	
7.5	.000000	.000044	.000175	.000394	.000700	.001093	.001572	.002136	.002784	.003516	.004330	.005225	.006201	.007254	.008385	
	.000000	.000043	.000171	.000384	.000682	.001065	.001531	.002081	.002713	.003426	.004220	.005092	.006043	.007071	.008173	
	.000000	.000042	.000166	.000374	.000665	.001038	.001492	.002028	.002644	.003340	.004113	.004965	.005892	.006894	.007970	
	.000000	.000041	.000162	.000365	.000648	.001012	.001455	.001977	.002578	.003256	.004011	.004841	.005746	.006724	.007774	
	.000000	.000040	.000158	.000356	.000632	.000987	.001419	.001928	.002514	.003176	.003913	.004723	.005606	.006560	.007585	
8.0	.000000	.000039	.000154	.000347	.000617	.000962	.001384	.001881	.002453	.003099	.003818	.004608	.005470	.006402	.007402	
	.000000	.000038	.000151	.000339	.000602	.000939	.001351	.001836	.002394	.003024	.003726	.004498	.005339	.006249	.007227	
	.000000	.000037	.000147	.000331	.000587	.000917	.001319	.001792	.002337	.002952	.003638	.004391	.005213	.006102	.007057	
	.000000	.000036	.000144	.000323	.000573	.000895	.001287	.001750	.002282	.002883	.003552	.004289	.005092	.005960	.006893	
	.000000	.000035	.000140	.000315	.000560	.000874	.001257	.001709	.002229	.002816	.003470	.004189	.004974	.005823	.006735	
8.5	.000000	.000034	.000137	.000308	.000547	.000854	.001228	.001670	.002178	.002751	.003390	.004093	.004861	.005690	.006582	
	.000000	.000033	.000134	.000301	.000535	.000834	.001200	.001632	.002128	.002689	.003314	.004001	.004751	.005562	.006434	
	.000000	.000033	.000131	.000294	.000522	.000816	.001173	.001595	.002080	.002628	.003239	.003911	.004645	.005438	.006291	
	.000000	.000032	.000128	.000288	.000511	.000797	.001147	.001559	.002034	.002570	.003167	.003825	.004542	.005319	.006153	
	.000000	.000031	.000125	.000281	.000500	.000780	.001122	.001525	.001989	.002513	.003098	.003741	.004443	.005203	.006019	
9.0	.000000	.000031	.000122	.000275	.000489	.000763	.001097	.001492	.001946	.002459	.003031	.003660	.004347	.005090	.005889	
	.000000	.000030	.000120	.000269	.000478	.000746	.001074	.001460	.001904	.002406	.002966	.003582	.004254	.004982	.005764	
	.000000	.000029	.000117	.000263	.000468	.000730	.001051	.001428	.001863	.002355	.002903	.003506	.004164	.004876	.005643	
	.000000	.000029	.000115	.000258	.000458	.000715	.001028	.001398	.001824	.002305	.002842	.003432	.004077	.004774	.005525	
	.000000	.000028	.000112	.000252	.000448	.000700	.001007	.001369	.001786	.002257	.002782	.003360	.003992	.004676	.005411	
9.5	.000000	.000027	.000110	.000247	.000439	.000685	.000986	.001341	.001749	.002210	.002725	.003291	.003910	.004580	.005300	
	.000000	.000027	.000108	.000242	.000430	.000671	.000966	.001313	.001713	.002165	.002669	.003225	.003831	.004487	.005193	
	.000000	.000026	.000105	.000237	.000421	.000658	.000946	.001287	.001679	.002121	.002616	.003159	.003753	.004397	.005089	
	.000000	.000026	.000103	.000232	.000413	.000644	.000927	.001261	.001645	.002079	.002563	.003096	.003679	.004309	.004988	
	.000000	.000025	.000101	.000228	.000405	.000632	.000909	.001236	.001612	.002037	.002513	.003035	.003606	.004224	.004889	

		rA(r,z)														
r	z	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
5.0		.020557	.023201	.025970	.028856	.031852	.034951	.038146	.041428	.044791	.048228	.051731	.055295	.058912	.062575	.066279
		.019823	.022379	.025057	.027850	.030752	.033754	.036851	.040036	.043301	.046640	.050046	.053512	.057033	.060602	.064214
		.019127	.021599	.024190	.026895	.029705	.032615	.035619	.038710	.041880	.045125	.048437	.051810	.055238	.058716	.062237
		.018466	.020858	.023367	.025986	.028709	.031531	.034445	.037446	.040525	.043679	.046900	.050183	.053522	.056911	.060345
		.017838	.020154	.022583	.025121	.027761	.030498	.033227	.036240	.039233	.042298	.045432	.048628	.051880	.055183	.058532
5.5		.017241	.019483	.021837	.024297	.026858	.029514	.032260	.035089	.037998	.040980	.044029	.047140	.050308	.053528	.056795
		.016673	.018845	.021127	.023512	.025997	.028575	.031241	.033991	.036818	.039719	.042686	.045716	.048803	.051942	.055129
		.016132	.018237	.020449	.022764	.025175	.027678	.030269	.032941	.035691	.038513	.041402	.044353	.047361	.050423	.053532
		.015616	.017658	.019804	.022049	.024390	.026822	.029339	.031938	.034612	.037359	.040172	.043047	.045980	.048965	.051999
		.015124	.017104	.019187	.021367	.023641	.026004	.028451	.030978	.033580	.036254	.038994	.041795	.044654	.047567	.050528
6.0		.014654	.016576	.018598	.020716	.022925	.025221	.027601	.030059	.032592	.035195	.037864	.040595	.043383	.046224	.049115
		.014206	.016072	.018036	.020093	.022240	.024473	.026787	.029179	.031645	.034181	.036781	.039444	.042163	.044935	.047757
		.013777	.015590	.017497	.019497	.021584	.023756	.026008	.028337	.030738	.033208	.035743	.038338	.040991	.043697	.046452
		.013368	.015128	.016983	.018926	.020956	.023069	.025261	.027529	.029868	.032274	.034746	.037277	.039866	.042507	.045198
		.012976	.014687	.016490	.018380	.020355	.022411	.024545	.026754	.029032	.031379	.033788	.036258	.038784	.041363	.043991
6.5		.012600	.014264	.016017	.017857	.019779	.021780	.023859	.026010	.028231	.030518	.032868	.035278	.037744	.040262	.042830
		.012241	.013859	.015565	.017355	.019226	.021175	.023200	.025296	.027461	.029692	.031984	.034336	.036743	.039203	.041712
		.011896	.013471	.015131	.016873	.018695	.020594	.022567	.024610	.026721	.028897	.031134	.033430	.035780	.038183	.040635
		.011566	.013098	.014714	.016411	.018186	.020036	.021959	.023951	.026010	.028133	.030316	.032558	.034854	.037201	.039598
		.011248	.012741	.014314	.015967	.017697	.019500	.021375	.023318	.025326	.027398	.029530	.031718	.033961	.036256	.038598
7.0		.010944	.012397	.013930	.015541	.017227	.018985	.020813	.022708	.024668	.026691	.028772	.030910	.033101	.035344	.037635
		.010652	.012067	.013561	.015131	.016775	.018489	.020272	.022122	.024035	.026009	.028042	.030131	.032272	.034465	.036705
		.010371	.011750	.013207	.014737	.016340	.018012	.019752	.021557	.023425	.025353	.027339	.029380	.031473	.033617	.035808
		.010100	.011445	.012865	.014358	.015921	.017553	.019251	.021014	.022838	.024721	.026661	.028656	.030703	.032799	.034943
		.009840	.011152	.012537	.013993	.015518	.017111	.018769	.020490	.022271	.024111	.026007	.027957	.029959	.032010	.034107
7.5		.009590	.010870	.012221	.013642	.015130	.016685	.018304	.019985	.021725	.023523	.025377	.027283	.029241	.031247	.033300
		.009349	.010598	.011916	.013303	.014756	.016275	.017856	.019498	.021199	.022956	.024768	.026633	.028548	.030511	.032520
		.009118	.010336	.011623	.012977	.014396	.015879	.017424	.019028	.020691	.022409	.024181	.026005	.027878	.029800	.031767
		.008894	.010083	.011340	.012662	.014048	.015497	.017007	.018575	.020200	.021880	.023613	.025398	.027231	.029112	.031038
		.008678	.009840	.011067	.012358	.013713	.015129	.016604	.018137	.019726	.021370	.023065	.024811	.026606	.028447	.030333
8.0		.008470	.009605	.010803	.012065	.013389	.014773	.016215	.017715	.019269	.020876	.022536	.024245	.026001	.027804	.029652
		.008270	.009378	.010549	.011783	.013077	.014430	.015840	.017306	.018827	.020400	.022023	.023696	.025417	.027182	.028992
		.008076	.009159	.010304	.011510	.012775	.014093	.015477	.016912	.018399	.019939	.021528	.023166	.024851	.026580	.028354
		.007889	.008948	.010067	.011246	.012483	.013777	.015127	.016530	.017986	.019493	.021049	.022653	.024303	.025998	.027735
		.007709	.008743	.009838	.010991	.012201	.013467	.014787	.016161	.017586	.019061	.020585	.022156	.023773	.025433	.027136
8.5		.007534	.008546	.009616	.010744	.011928	.013167	.014459	.015804	.017199	.018644	.020136	.021675	.023259	.024887	.026556
		.007365	.008355	.009402	.010506	.011664	.012877	.014142	.015458	.016825	.018240	.019702	.021210	.022762	.024357	.025994
		.007202	.008171	.009195	.010275	.011409	.012596	.013835	.015124	.016462	.017848	.019281	.020758	.022280	.023844	.025449
		.007044	.007992	.008995	.010052	.011162	.012324	.013537	.014800	.016111	.017469	.018873	.020321	.021813	.023346	.024920
		.006891	.007819	.008801	.009836	.010923	.012061	.013249	.014486	.015770	.017101	.018477	.019897	.021360	.022863	.024407
9.0		.006744	.007652	.008613	.009626	.010691	.011806	.012970	.014182	.015441	.016745	.018094	.019486	.020920	.022395	.023910
		.006600	.007490	.008431	.009424	.010467	.011559	.012699	.013887	.015121	.016400	.017722	.019087	.020494	.021941	.023427
		.006461	.007332	.008255	.009227	.010249	.011319	.012437	.013601	.014811	.016065	.017361	.018700	.020080	.021500	.022958
		.006327	.007180	.008084	.009037	.010038	.011087	.012183	.013324	.014510	.015739	.017011	.018325	.019679	.021072	.022503
		.006197	.007033	.007918	.008852	.009833	.010862	.011936	.013055	.014218	.015424	.016672	.017960	.019289	.020656	.022061
9.5		.006070	.006889	.007757	.008673	.009635	.010643	.011696	.012794	.013935	.015118	.016342	.017606	.018910	.020252	.021631
		.005948	.006751	.007601	.008499	.009442	.010431	.011464	.012541	.013660	.014820	.016022	.017263	.018542	.019860	.021214
		.005829	.006616	.007450	.008330	.009255	.010225	.011238	.012294	.013392	.014531	.015710	.016929	.018185	.019479	.020808
		.005713	.006485	.007303	.008166	.009074	.010025	.011019	.012056	.013133	.014251	.015408	.016604	.017838	.019108	.020414
		.005601	.006358	.007160	.008007	.008898	.009831	.010806	.011823	.012881	.013978	.015114	.016289	.017500	.018748	.020030

		rA(r,z)														
r	z	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
5.0		.070018	.073786	.077577	.081387	.085209	.089041	.092876	.096712	.100544	.104368	.108181	.111980	.115762	.119525	.123265
		.067862	.071540	.075245	.078970	.082710	.086462	.090221	.093982	.097742	.101497	.105245	.108981	.112702	.116407	.120093
		.065796	.069388	.073008	.076650	.080310	.083984	.087666	.091354	.095044	.098731	.102413	.106086	.109748	.113395	.117026
		.063818	.067325	.070862	.074423	.078004	.081601	.085210	.088825	.092445	.096065	.099682	.103293	.106895	.110485	.114061
		.061921	.065346	.068802	.072285	.075789	.079310	.082846	.086390	.089941	.093495	.097048	.100597	.104139	.107672	.111193
5.5		.060103	.063448	.066825	.070230	.073659	.077107	.080570	.084045	.087529	.091016	.094506	.097994	.101477	.104953	.108420
		.058358	.061625	.064926	.068256	.071611	.074987	.078380	.081786	.085203	.088626	.092053	.095480	.098905	.102325	.105737
		.056684	.059876	.063101	.066358	.069641	.072946	.076270	.079609	.082960	.086320	.089685	.093052	.096419	.099783	.103142
		.055077	.058195	.061348	.064533	.067745	.070981	.074238	.077511	.080798	.084095	.087399	.090707	.094017	.097326	.100631
		.053533	.056579	.059662	.062777	.065920	.069089	.072280	.075488	.078712	.081947	.085191	.088441	.091694	.094948	.098200
6.0		.052050	.055026	.058040	.061087	.064164	.067266	.070392	.073537	.076699	.079874	.083059	.086251	.089449	.092648	.095848
		.050624	.053533	.056479	.059460	.062471	.065510	.068572	.071655	.074756	.077871	.080998	.084134	.087277	.090423	.093571
		.049253	.052096	.054977	.057894	.060841	.063817	.066817	.069840	.072881	.075937	.079007	.082088	.085176	.088269	.091366
		.047934	.050713	.053531	.056384	.059270	.062184	.065124	.068087	.071070	.074069	.077083	.080109	.083143	.086184	.089230
		.046665	.049382	.052138	.054930	.057755	.060609	.063490	.066395	.069320	.072264	.075223	.078194	.081176	.084166	.087162
6.5		.045443	.048100	.050796	.053528	.056294	.059090	.061913	.064761	.067630	.070519	.073423	.076342	.079272	.082212	.085158
		.044267	.046865	.049502	.052176	.054885	.057623	.060390	.063182	.065997	.068831	.071683	.074550	.077429	.080319	.083217
		.043133	.045674	.048255	.050873	.053524	.056208	.058919	.061657	.064418	.067200	.070000	.072815	.075645	.078485	.081335
		.042041	.044526	.047051	.049614	.052212	.054840	.057499	.060183	.062891	.065621	.068370	.071136	.073916	.076708	.079511
		.040987	.043419	.045891	.048400	.050944	.053520	.056125	.058758	.061415	.064094	.066793	.069510	.072242	.074987	.077743
7.0		.039971	.042351	.044770	.047227	.049719	.052244	.054798	.057380	.059987	.062616	.065266	.067935	.070619	.073318	.076028
		.038991	.041319	.043688	.046094	.048536	.051010	.053514	.056047	.058605	.061186	.063788	.066409	.069047	.071700	.074365
		.038045	.040324	.042643	.045000	.047392	.049817	.052273	.054757	.057267	.059800	.062356	.064930	.067523	.070130	.072752
		.037132	.039363	.041634	.043943	.046287	.048664	.051072	.053509	.055972	.058459	.060968	.063497	.066045	.068609	.071187
		.036249	.038434	.040658	.042920	.045218	.047548	.049910	.052300	.054717	.057159	.059623	.062108	.064612	.067132	.069668
7.5		.035397	.037536	.039715	.041932	.044183	.046469	.048785	.051130	.053502	.055900	.058320	.060761	.063222	.065700	.068193
		.034574	.036668	.038803	.040975	.043183	.045423	.047695	.049997	.052325	.054679	.057056	.059455	.061873	.064310	.066762
		.033777	.035829	.037921	.040050	.042214	.044412	.046640	.048899	.051185	.053496	.055831	.058188	.060565	.062960	.065372
		.033007	.035018	.037067	.039154	.041276	.043432	.045618	.047835	.050079	.052348	.054642	.056958	.059295	.061650	.064022
		.032262	.034232	.036241	.038287	.040368	.042482	.044628	.046803	.049006	.051236	.053489	.055765	.058062	.060378	.062711
8.0		.031542	.033472	.035441	.037447	.039488	.041562	.043668	.045803	.047967	.050156	.052370	.054607	.056864	.059142	.061437
		.030844	.032736	.034666	.036633	.038635	.040671	.042737	.044834	.046958	.049108	.051284	.053482	.055702	.057941	.060199
		.030168	.032023	.033916	.035845	.037809	.039806	.041835	.043893	.045979	.048092	.050229	.052390	.054572	.056775	.058996
		.029514	.031332	.033188	.035081	.037008	.038966	.040959	.042980	.045029	.047105	.049205	.051329	.053475	.055641	.057826
		.028880	.030663	.032483	.034340	.036231	.038155	.040110	.042094	.044107	.046146	.048211	.050298	.052408	.054539	.056689
8.5		.028266	.030014	.031800	.033622	.035477	.037366	.039285	.041234	.043212	.045215	.047244	.049297	.051372	.053468	.055583
		.027670	.029385	.031137	.032925	.034746	.036600	.038485	.040399	.042342	.044311	.046305	.048324	.050364	.052426	.054507
		.027093	.028775	.030494	.032248	.034036	.035857	.037708	.039588	.041497	.043432	.045393	.047377	.049384	.051412	.053460
		.026533	.028183	.029870	.031592	.033348	.035135	.036953	.038801	.040676	.042578	.044506	.046457	.048431	.050427	.052442
		.025989	.027609	.029265	.030955	.032679	.034434	.036220	.038035	.039879	.041748	.043643	.045562	.047504	.049467	.051451
9.0		.025462	.027052	.028677	.030336	.032029	.033753	.035508	.037292	.039103	.040941	.042805	.044692	.046602	.048534	.050486
		.024950	.026511	.028106	.029736	.031398	.033092	.034816	.036568	.038349	.040156	.041989	.043845	.045724	.047625	.049546
		.024453	.025985	.027552	.029152	.030785	.032449	.034143	.035865	.037616	.039393	.041195	.043021	.044870	.046741	.048632
		.023971	.025475	.027013	.028585	.030189	.031823	.033488	.035182	.036903	.038650	.040423	.042219	.044038	.045879	.047741
		.023502	.024979	.026489	.028033	.029609	.031216	.032852	.034517	.036209	.037927	.039671	.041438	.043228	.045040	.046873
9.5		.023046	.024497	.025981	.027497	.029046	.030625	.032233	.033870	.035534	.037224	.038939	.040678	.042440	.044223	.046028
		.022604	.024028	.025486	.026976	.028498	.030050	.031631	.033240	.034876	.036539	.038226	.039937	.041671	.043427	.045204
		.022173	.023572	.025005	.026469	.027965	.029490	.031045	.032627	.034237	.035872	.037532	.039216	.040923	.042651	.044401
		.021755	.023129	.024537	.025976	.027446	.028946	.030474	.032031	.033614	.035223	.036856	.038513	.040193	.041895	.043618
		.021348	.022698	.024081	.025496	.026941	.028416	.029919	.031450	.033007	.034590	.036198	.037829	.039483	.041158	.042855

		rA(r,z)														
r	z	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
5.0		.126980	.130669	.134330	.137960	.141558	.145124	.148655	.152150	.155609	.159031	.162415	.165760	.169066	.172332	.175559
		.123756	.127396	.131010	.134596	.138154	.141680	.145175	.148636	.152064	.155456	.158813	.162133	.165416	.168662	.171869
		.120638	.124228	.127795	.131337	.134852	.138339	.141797	.145223	.148618	.151980	.155308	.158602	.161861	.165084	.168272
		.117620	.121161	.124680	.128177	.131650	.135097	.138516	.141907	.145269	.148600	.151899	.155165	.158399	.161599	.164764
		.114700	.118191	.121663	.125115	.128544	.131951	.135332	.138686	.142014	.145312	.148581	.151819	.155027	.158202	.161345
5.5		.111875	.115315	.118740	.122146	.125532	.128897	.132239	.135557	.138849	.142115	.145353	.148562	.151742	.154892	.158011
		.109140	.112531	.115907	.119268	.122611	.125934	.129237	.132517	.135774	.139006	.142212	.145391	.148543	.151667	.154762
		.106493	.109834	.113162	.116477	.119776	.123058	.126321	.129563	.132784	.135982	.139156	.142305	.145428	.148525	.151594
		.103930	.107221	.110502	.113771	.117027	.120266	.123489	.126693	.129878	.133041	.136182	.139300	.142394	.145463	.148506
		.101448	.104690	.107924	.111147	.114359	.117556	.120739	.123904	.127052	.130181	.133289	.136375	.139439	.142479	.145496
6.0		.099045	.102238	.105424	.108602	.111770	.114925	.118067	.121195	.124305	.127398	.130473	.133527	.136561	.139572	.142562
		.096718	.099862	.103001	.106134	.109257	.112371	.115473	.118561	.121635	.124692	.127733	.130755	.133757	.136740	.139701
		.094463	.097559	.100651	.103739	.106819	.109891	.112952	.116001	.119038	.122060	.125066	.128055	.131027	.133980	.136913
		.092278	.095326	.098373	.101415	.104452	.107482	.110503	.113514	.116513	.119499	.122471	.125427	.128367	.131290	.134194
		.090161	.093162	.096162	.099160	.102154	.105142	.108123	.111095	.114057	.117007	.119945	.122868	.125776	.128669	.131544
6.5		.088109	.091063	.094018	.096972	.099923	.102870	.105811	.108744	.111669	.114583	.117486	.120376	.123252	.126114	.128960
		.086120	.089028	.091938	.094848	.097757	.100663	.103563	.106458	.109346	.112224	.115092	.117949	.120794	.123625	.126441
		.084192	.087054	.089919	.092786	.095653	.098518	.101379	.104236	.107086	.109928	.112762	.115586	.118398	.121198	.123985
		.082322	.085139	.087960	.090784	.093609	.096434	.099256	.102074	.104887	.107694	.110493	.113284	.116064	.118833	.121590
		.080508	.083281	.086059	.088841	.091624	.094408	.097191	.099972	.102748	.105520	.108284	.111041	.113789	.116528	.119255
7.0		.078749	.081477	.084213	.086953	.089696	.092440	.095184	.097927	.100667	.103403	.106133	.108857	.111573	.114280	.116978
		.077042	.079727	.082420	.085119	.087821	.090526	.093232	.095938	.098642	.101342	.104038	.106729	.109413	.112089	.114757
		.075385	.078028	.080679	.083337	.086000	.088666	.091334	.094003	.096670	.099336	.101998	.104656	.107308	.109953	.112590
		.073777	.076378	.078988	.081606	.084229	.086857	.089488	.092119	.094751	.097382	.100011	.102635	.105256	.107870	.110477
		.072216	.074776	.077346	.079924	.082508	.085098	.087691	.090287	.092883	.095480	.098075	.100667	.103255	.105839	.108416
7.5		.070700	.073220	.075750	.078289	.080835	.083387	.085943	.088503	.091065	.093627	.096188	.098748	.101305	.103858	.106406
		.069229	.071708	.074199	.076699	.079207	.081722	.084243	.086767	.089294	.091822	.094351	.096878	.099404	.101926	.104444
		.067799	.070239	.072691	.075153	.077625	.080103	.082588	.085077	.087569	.090064	.092560	.095055	.097550	.100042	.102531
		.066410	.068812	.071226	.073651	.076085	.078527	.080977	.083431	.085890	.088351	.090814	.093278	.095742	.098204	.100663
		.065060	.067424	.069801	.072189	.074587	.076994	.079408	.081828	.084253	.086682	.089113	.091546	.093978	.096410	.098841
8.0		.063749	.066075	.068415	.070767	.073130	.075501	.077881	.080268	.082659	.085056	.087455	.089856	.092259	.094661	.097062
		.062474	.064764	.067067	.069384	.071711	.074048	.076394	.078747	.081106	.083470	.085838	.088209	.090581	.092954	.095326
		.061234	.063488	.065756	.068038	.070331	.072634	.074946	.077266	.079593	.081925	.084262	.086602	.088944	.091288	.093632
		.060029	.062247	.064481	.066728	.068987	.071256	.073535	.075823	.078118	.080419	.082725	.085035	.087347	.089662	.091978
		.058856	.061040	.063240	.065452	.067678	.069915	.072161	.074417	.076680	.078950	.081226	.083506	.085789	.088075	.090363
8.5		.057716	.059866	.062031	.064211	.066404	.068608	.070822	.073046	.075279	.077518	.079763	.082014	.084268	.086526	.088786
		.056606	.058723	.060855	.063002	.065162	.067335	.069518	.071711	.073912	.076121	.078337	.080558	.082784	.085014	.087246
		.055527	.057611	.059710	.061825	.063953	.066094	.068246	.070408	.072580	.074759	.076946	.079138	.081336	.083537	.085742
		.054476	.056528	.058595	.060678	.062775	.064885	.067007	.069139	.071280	.073430	.075588	.077752	.079921	.082096	.084274
		.053453	.055473	.057509	.059561	.061628	.063707	.065798	.067900	.070013	.072134	.074263	.076399	.078541	.080688	.082839
9.0		.052457	.054446	.056452	.058473	.060509	.062558	.064620	.066693	.068776	.070869	.072970	.075078	.077192	.079312	.081437
		.051487	.053446	.055421	.057413	.059419	.061439	.063471	.065515	.067570	.069634	.071707	.073788	.075876	.077969	.080068
		.050542	.052471	.054417	.056379	.058356	.060347	.062350	.064366	.066393	.068429	.070475	.072529	.074590	.076657	.078730
		.049622	.051521	.053438	.055371	.057319	.059282	.061257	.063245	.065244	.067253	.069272	.071299	.073334	.075375	.077423
		.048725	.050596	.052484	.054389	.056309	.058243	.060191	.062151	.064123	.066105	.068097	.070098	.072107	.074123	.076145
9.5		.047851	.049694	.051554	.053431	.055323	.057230	.059150	.061084	.063029	.064984	.066950	.068925	.070908	.072899	.074896
		.047000	.048815	.050647	.052497	.054362	.056241	.058135	.060042	.061960	.063890	.065830	.067779	.069737	.071702	.073675
		.046170	.047957	.049763	.051585	.053424	.055277	.057144	.059024	.060917	.062821	.064735	.066659	.068592	.070533	.072481
		.045360	.047121	.048900	.050696	.052508	.054335	.056177	.058031	.059898	.061777	.063666	.065565	.067473	.069390	.071314
		.044571	.046306	.048059	.049829	.051615	.053416	.055232	.057061	.058903	.060757	.062621	.064496	.066380	.068273	.070173

		rA(r,z)														
r	z	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
5.0		.178746	.181893	.184999	.188065	.191090	.194075	.197021	.199926	.202791	.205617	.208404	.211152	.213861	.216532	.219166
		.175039	.178170	.181262	.184315	.187330	.190306	.193243	.196142	.199002	.201824	.204608	.207354	.210063	.212734	.215369
		.171422	.174536	.177613	.180653	.183656	.186621	.189549	.192440	.195293	.198110	.200889	.203632	.206339	.209009	.211643
		.167895	.170991	.174051	.177076	.180065	.183018	.185936	.188817	.191663	.194472	.197246	.199985	.202688	.205356	.207989
		.164455	.167531	.170574	.173583	.176557	.179497	.182403	.185273	.188110	.190912	.193679	.196412	.199110	.201774	.204405
5.5		.161099	.164155	.167179	.170171	.173129	.176055	.178948	.181807	.184633	.187425	.190185	.192911	.195603	.198263	.200890
		.157827	.160862	.163866	.166839	.169781	.172691	.175570	.178416	.181231	.184013	.186763	.189481	.192167	.194821	.197442
		.154635	.157648	.160631	.163585	.166510	.169404	.172267	.175100	.177902	.180673	.183413	.186122	.188800	.191446	.194062
		.151523	.154512	.157474	.160408	.163314	.166191	.169038	.171856	.174645	.177404	.180132	.182831	.185500	.188139	.190748
		.148487	.151453	.154393	.157306	.160192	.163051	.165882	.168684	.171458	.174204	.176921	.179609	.182268	.184898	.187499
6.0		.145527	.148469	.151386	.154277	.157143	.159983	.162796	.165582	.168341	.171073	.173777	.176453	.179101	.181721	.184314
		.142640	.145557	.148450	.151320	.154165	.156985	.159780	.162549	.165292	.168009	.170699	.173362	.175999	.178609	.181191
		.139825	.142716	.145586	.148432	.151256	.154055	.156831	.159582	.162309	.165010	.167686	.170336	.172960	.175559	.178131
		.137079	.139945	.142789	.145613	.148414	.151193	.153949	.156682	.159391	.162076	.164737	.167373	.169984	.172570	.175131
		.134402	.137241	.140060	.142860	.145638	.148396	.151132	.153846	.156537	.159205	.161850	.164471	.167068	.169642	.172191
6.5		.131790	.134602	.137396	.140172	.142927	.145663	.148378	.151072	.153745	.156396	.159024	.161630	.164213	.166773	.169310
		.129243	.132028	.134796	.137547	.140279	.142993	.145687	.148361	.151014	.153647	.156258	.158848	.161416	.163962	.166486
		.126758	.129516	.132258	.134984	.137692	.140383	.143056	.145709	.148343	.150957	.153551	.156125	.158677	.161209	.163718
		.124335	.127065	.129781	.132481	.135166	.137833	.140484	.143116	.145731	.148326	.150902	.153458	.155995	.158511	.161007
		.121970	.124673	.127363	.130038	.132698	.135342	.137970	.140581	.143175	.145751	.148309	.150848	.153368	.155868	.158349
7.0		.119664	.122339	.125002	.127651	.130287	.132907	.135513	.138102	.140676	.143232	.145771	.148292	.150795	.153280	.155745
		.117414	.120061	.122697	.125321	.127931	.130528	.133111	.135678	.138231	.140767	.143287	.145790	.148275	.150743	.153193
		.115219	.117838	.120447	.123045	.125630	.128203	.130763	.133308	.135839	.138355	.140856	.143340	.145808	.148259	.150693
		.113077	.115669	.118250	.120822	.123382	.125931	.128467	.130990	.133500	.135995	.138476	.140941	.143391	.145825	.148243
		.110987	.113551	.116105	.118651	.121186	.123710	.126223	.128724	.131211	.133686	.136147	.138593	.141025	.143441	.145842
7.5		.108948	.111483	.114011	.116530	.119040	.121540	.124029	.126507	.128973	.131426	.133867	.136294	.138707	.141106	.143489
		.106958	.109465	.111966	.114459	.116943	.119418	.121884	.124339	.126783	.129215	.131635	.134043	.136437	.138818	.141184
		.105015	.107495	.109968	.112435	.114894	.117345	.119787	.122219	.124641	.127052	.129451	.131839	.134214	.136576	.138925
		.103119	.105571	.108017	.110458	.112892	.115318	.117736	.120145	.122545	.124934	.127313	.129681	.132037	.134380	.136711
		.101268	.103693	.106112	.108527	.110935	.113337	.115731	.118117	.120494	.122862	.125220	.127568	.129904	.132229	.134542
8.0		.099462	.101858	.104251	.106639	.109023	.111400	.113770	.116133	.118488	.120834	.123171	.125498	.127815	.130122	.132417
		.097698	.100067	.102433	.104796	.107153	.109506	.111852	.114192	.116525	.118849	.121165	.123472	.125770	.128057	.130333
		.095975	.098317	.100657	.102994	.105326	.107654	.109977	.112294	.114604	.116907	.119202	.121488	.123766	.126034	.128292
		.094294	.096608	.098922	.101233	.103540	.105844	.108143	.110437	.112724	.115005	.117279	.119545	.121803	.124052	.126291
		.092651	.094939	.097226	.099512	.101794	.104074	.106349	.108619	.110885	.113144	.115397	.117642	.119880	.122110	.124331
8.5		.091047	.093308	.095570	.097829	.100087	.102342	.104594	.106842	.109084	.111322	.113553	.115778	.117996	.120207	.122409
		.089480	.091715	.093950	.096185	.098418	.100649	.102877	.105102	.107323	.109538	.111749	.113953	.116151	.118342	.120526
		.087950	.090158	.092368	.094577	.096786	.098993	.101198	.103400	.105598	.107792	.109981	.112165	.114343	.116515	.118680
		.086454	.088637	.090821	.093006	.095190	.097373	.099555	.101734	.103910	.106082	.108251	.110414	.112572	.114724	.116870
		.084993	.087151	.089309	.091469	.093629	.095789	.097947	.100104	.102258	.104409	.106556	.108699	.110837	.112969	.115096
9.0		.083566	.085698	.087831	.089967	.092103	.094239	.096374	.098508	.100640	.102769	.104896	.107018	.109136	.111250	.113358
		.082171	.084277	.086386	.088497	.090610	.092722	.094835	.096946	.099056	.101164	.103270	.105372	.107470	.109564	.111653
		.080808	.082889	.084973	.087060	.089149	.091238	.093328	.095418	.097506	.099593	.101677	.103759	.105837	.107912	.109982
		.079475	.081532	.083592	.085655	.087720	.089786	.091854	.093921	.095988	.098053	.100117	.102179	.104237	.106293	.108344
		.078172	.080204	.082241	.084280	.086322	.088366	.090410	.092456	.094501	.096546	.098589	.100630	.102669	.104705	.106738
9.5		.076899	.078907	.080919	.082935	.084954	.086975	.088998	.091021	.093045	.095069	.097092	.099113	.101132	.103149	.105163
		.075654	.077638	.079626	.081619	.083615	.085614	.087615	.089617	.091619	.093622	.095625	.097626	.099626	.101624	.103619
		.074436	.076396	.078362	.080332	.082303	.084282	.086261	.088241	.090223	.092205	.094187	.096169	.098149	.100128	.102105
		.073245	.075182	.077125	.079072	.081023	.082978	.084935	.086894	.088855	.090817	.092779	.094741	.096702	.098662	.100620
		.072081	.073995	.075914	.077839	.079768	.081701	.083637	.085575	.087515	.089456	.091398	.093341	.095283	.097224	.099163

$ra(r, z)$

r	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
z															
5.0	.221762 .217967 .214242 .210588 .207002	.224321 .220529 .216806 .213152 .209565	.226843 .223055 .219335 .215682 .212095	.229330 .225546 .221829 .218178 .214592	.231780 .228002 .224289 .220641 .217056	.234196 .230423 .226715 .223070 .219489	.236576 .232811 .229108 .225467 .221889	.238923 .235164 .231468 .227832 .224257	.241236 .237485 .233795 .230165 .226594	.243515 .239773 .236090 .232466 .228900	.245762 .242028 .238353 .234736 .231176	.247976 .244252 .240585 .236975 .233421	.250159 .246445 .242786 .239184 .235636	.252310 .248606 .244957 .241363 .237822	.254430 .250737 .247098 .243512 .239979
5.5	.203483 .200032 .196647 .193327 .190071	.206045 .202591 .199201 .195876 .192614	.208574 .205117 .201725 .198395 .195128	.211071 .207613 .204218 .200885 .197614	.213536 .210077 .206681 .203345 .200070	.215969 .212511 .209114 .205776 .202499	.218371 .214914 .211517 .208178 .204898	.220742 .217287 .213890 .210551 .207270	.223083 .219629 .216234 .212896 .209614	.225393 .221942 .218549 .215211 .211930	.227673 .224226 .220835 .217499 .214218	.229923 .226480 .223092 .219758 .216479	.232144 .228705 .225321 .221990 .218712	.234336 .230902 .227522 .224195 .220919	.236499 .233071 .229696 .226372 .223099
6.0	.186878 .183747 .180677 .177667 .174716	.189414 .186275 .183197 .180177 .177216	.191922 .188776 .185690 .182662 .179692	.194402 .191251 .188157 .185122 .182143	.196855 .193698 .190598 .187556 .184570	.199279 .196118 .193013 .189965 .186972	.201676 .198511 .195402 .192348 .189349	.204046 .200877 .197764 .194706 .191702	.206388 .203217 .200101 .197039 .194030	.208703 .205531 .202412 .199346 .196333	.210991 .207817 .204697 .201629 .198612	.213252 .210078 .206957 .203886 .200867	.215487 .212313 .209191 .206119 .203098	.217695 .214522 .211400 .208327 .205304	.219877 .216706 .213584 .210511 .207487
6.5	.171823 .168987 .166207 .163481 .160810	.174312 .171465 .168673 .165935 .163251	.176778 .173920 .171117 .168368 .165671	.179220 .176353 .173539 .170779 .168071	.181639 .178762 .175939 .173168 .170449	.184033 .181148 .178316 .175536 .172807	.186404 .183511 .180671 .177882 .175144	.188750 .185851 .183004 .180207 .177460	.191073 .188168 .185314 .182510 .179755	.193372 .190461 .187601 .184790 .182029	.195647 .192732 .189866 .187049 .184281	.197898 .194979 .192109 .189287 .186512	.200126 .197203 .194329 .191502 .188722	.202330 .199404 .196526 .193695 .190911	.204511 .201583 .198702 .195867 .193079
7.0	.158192 .155625 .153109 .150644 .148227	.160619 .158038 .155508 .153027 .150595	.163026 .160432 .157889 .155394 .152947	.165414 .162807 .160251 .157743 .155283	.167781 .165163 .162595 .160074 .157601	.170129 .167500 .164920 .162387 .159901	.172456 .169817 .167226 .164682 .162185	.174763 .172114 .169513 .166959 .164450	.177049 .174391 .171781 .169217 .166698	.179315 .176649 .174030 .171456 .168928	.181560 .178887 .176259 .173677 .171140	.183785 .181104 .178469 .175879 .173333	.185989 .183302 .180660 .178062 .175508	.188173 .185479 .182831 .180226 .177665	.190335 .187637 .184982 .182372 .179804
7.5	.145858 .143536 .141260 .139030 .136843	.148211 .145873 .143581 .141334 .139131	.150548 .148195 .145888 .143625 .141406	.152869 .150502 .148180 .145902 .143668	.155174 .152793 .150457 .148165 .145916	.157462 .155068 .152719 .150413 .148150	.159733 .157327 .154965 .152646 .150370	.161988 .159569 .157195 .154864 .152575	.164225 .161795 .159409 .157066 .154765	.166444 .164004 .161608 .159253 .156941	.168646 .166197 .163790 .161425 .159101	.170831 .168372 .165955 .163580 .161246	.172998 .170530 .168060 .165719 .163375	.175147 .172671 .170236 .167843 .165489	.177278 .174794 .172352 .169950 .167587
8.0	.134700 .132599 .130540 .128521 .126543	.136971 .134854 .132777 .130741 .128745	.139230 .137096 .135003 .132951 .130938	.141476 .139327 .137218 .135149 .133120	.143709 .141544 .139420 .137336 .135291	.145929 .143750 .141611 .139512 .137452	.148135 .145942 .143789 .141675 .139601	.150327 .148121 .145954 .143827 .141738	.152505 .150286 .148106 .145966 .143864	.154669 .152437 .150245 .148092 .145977	.156818 .154575 .152371 .150206 .148078	.158952 .156698 .154483 .152306 .150167	.161071 .158807 .156581 .154393 .152242	.163175 .160901 .158664 .156466 .154305	.165265 .162980 .160734 .158526 .156354
8.5	.124603 .122701 .120837 .119009 .117217	.126788 .124868 .122986 .121141 .119331	.128963 .127027 .125128 .123265 .121438	.131129 .129176 .127260 .125381 .123537	.133285 .131316 .129384 .127488 .125628	.135430 .133446 .131498 .129587 .127711	.137564 .135565 .133603 .131676 .129785	.139688 .137674 .135697 .133756 .131850	.141799 .139772 .137781 .135826 .133906	.143900 .141859 .139855 .137886 .135952	.145988 .143935 .141917 .139935 .137988	.148064 .145999 .143969 .141974 .140014	.150128 .148051 .146009 .144002 .142029	.152180 .150091 .148038 .146019 .144034	.154219 .152119 .150054 .148024 .146028
9.0	.115460 .113737 .112048 .110391 .108767	.117556 .115815 .114108 .112434 .110791	.119645 .117887 .116163 .114471 .112811	.121728 .119953 .118211 .116502 .114825	.123802 .122011 .120253 .118528 .116834	.125869 .124062 .122288 .120547 .118837	.127928 .126105 .124316 .122559 .120834	.129978 .128140 .126336 .124564 .122824	.132020 .130167 .128348 .126561 .124806	.134052 .132185 .130352 .128551 .126782	.136074 .134195 .132348 .130533 .128750	.138087 .136194 .134334 .132506 .130709	.140091 .138185 .136312 .134471 .132661	.142083 .140165 .138280 .136426 .134604	.144066 .142136 .140239 .138373 .136538
9.5	.107174 .105611 .104079 .102576 .101101	.109180 .107600 .106050 .104529 .103037	.111183 .109585 .108017 .106479 .104970	.113180 .111565 .109981 .108426 .106900	.115172 .113541 .111940 .110369 .108826	.117159 .115512 .113895 .112307 .110748	.119140 .117477 .115844 .114241 .112666	.121115 .119436 .117788 .116169 .114580	.123083 .121389 .119726 .118093 .116488	.125044 .123336 .121658 .120010 .118391	.126997 .125276 .123584 .121922 .120288	.128944 .127208 .125503 .123827 .122180	.130882 .129134 .127415 .125725 .124065	.132813 .131051 .129320 .127617 .125943	.134735 .132961 .131217 .129501 .127815

		rA (r, z)														
z	r	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4
5.0		.256520	.258581	.260611	.262613	.264586	.266532	.268450	.270341	.272205	.274043	.275855	.277642	.279404	.281142	.282856
		.252838	.254910	.256952	.258966	.260952	.262910	.264840	.266744	.268622	.270473	.272299	.274100	.275876	.277628	.279356
		.249209	.251291	.253344	.255369	.257366	.259335	.261278	.263194	.265084	.266948	.268786	.270600	.272389	.274154	.275896
		.245632	.247723	.249786	.251821	.253828	.255808	.257762	.259689	.261590	.263466	.265317	.267143	.268944	.270722	.272476
		.242107	.244206	.246278	.248322	.250339	.252329	.254292	.256230	.258142	.260029	.261890	.263727	.265541	.267330	.269096
5.5		.238634	.240741	.242820	.244872	.246898	.248897	.250869	.252817	.254738	.256635	.258507	.260355	.262178	.263978	.265755
		.235212	.237326	.239412	.241472	.243505	.245512	.247493	.249448	.251379	.253285	.255166	.257024	.258857	.260668	.262455
		.231842	.233961	.236053	.238119	.240159	.242173	.244162	.246125	.248064	.249978	.251868	.253735	.255578	.257398	.259195
		.228522	.230646	.232744	.234815	.236861	.238881	.240876	.242847	.244793	.246715	.248613	.250488	.252339	.254168	.255974
		.225253	.227381	.229482	.231559	.233610	.235635	.237637	.239613	.241566	.243495	.245400	.247282	.249142	.250978	.252792
6.0		.222034	.224164	.226270	.228350	.230405	.232436	.234442	.236424	.238383	.240318	.242230	.244118	.245985	.247829	.249650
		.218864	.220997	.223105	.225188	.227247	.229281	.231292	.233279	.235243	.237183	.239101	.240996	.242868	.244719	.246547
		.215743	.217877	.219987	.222073	.224134	.226172	.228187	.230178	.232146	.234091	.236014	.237914	.239792	.241649	.243484
		.212670	.214805	.216917	.219004	.221068	.223108	.225126	.227120	.229092	.231041	.232968	.234873	.236757	.238618	.240459
		.209646	.211781	.213893	.215981	.218046	.220089	.222108	.224105	.226080	.228033	.229964	.231873	.233761	.235627	.237473
6.5		.206669	.208803	.210915	.213003	.215070	.217113	.219134	.221134	.223111	.225066	.227000	.228913	.230804	.232675	.234525
		.203739	.205872	.207983	.210071	.212137	.214181	.216204	.218204	.220183	.222141	.224077	.225993	.227887	.229761	.231615
		.200855	.202986	.205096	.207183	.209249	.211293	.213315	.215317	.217297	.219256	.221194	.223112	.225009	.226886	.228743
		.198018	.200146	.202253	.204339	.206404	.208447	.210469	.212471	.214452	.216412	.218351	.220271	.222170	.224050	.225909
		.195225	.197351	.199455	.201539	.203602	.205644	.207665	.209666	.211647	.213608	.215548	.217469	.219370	.221251	.223112
7.0		.192478	.194599	.196701	.198782	.200842	.202882	.204903	.206903	.208883	.210843	.212784	.214705	.216607	.218489	.220353
		.189774	.191892	.193989	.196067	.198125	.200163	.202181	.204179	.206159	.208118	.210059	.211980	.213882	.215766	.217630
		.187115	.189227	.191321	.193394	.195449	.197484	.199500	.201496	.203474	.205432	.207372	.209293	.211195	.213079	.214944
		.184498	.186605	.188694	.190763	.192814	.194846	.196859	.198853	.200828	.202785	.204723	.206643	.208545	.210428	.212293
		.181924	.184025	.186109	.188173	.190220	.192248	.194257	.196248	.198221	.200176	.202112	.204031	.205932	.207814	.209679
7.5		.179392	.181487	.183564	.185624	.187665	.189689	.191695	.193683	.195652	.197605	.199539	.201456	.203355	.205236	.207100
		.176901	.178989	.181061	.183115	.185151	.187170	.189171	.191155	.193121	.195071	.197002	.198917	.200814	.202694	.204557
		.174450	.176532	.178597	.180645	.182675	.184689	.186686	.188668	.190628	.192574	.194502	.196414	.198309	.200187	.202048
		.172040	.174115	.176172	.178214	.180238	.182247	.184238	.186213	.188171	.190113	.192038	.193947	.195839	.197714	.199574
		.169670	.171736	.173787	.175821	.177839	.179842	.181828	.183798	.185751	.187689	.189610	.191515	.193404	.195277	.197134
8.0		.167338	.169397	.171439	.173467	.175478	.177474	.179454	.181418	.183367	.185300	.187217	.189118	.191004	.192873	.194727
		.165045	.167095	.169130	.171149	.173154	.175143	.177117	.179075	.181019	.182946	.184859	.186756	.188637	.190503	.192354
		.162790	.164831	.166857	.168869	.170866	.172848	.174815	.176768	.178705	.180628	.182535	.184427	.186305	.188167	.190014
		.160571	.162603	.164621	.166625	.168614	.170589	.172549	.174495	.176427	.178343	.180245	.182133	.184006	.185864	.187707
		.158390	.160412	.162421	.164416	.166397	.168365	.170318	.172257	.174182	.176093	.177989	.179872	.181740	.183593	.185432
8.5		.156244	.158257	.160257	.162243	.164216	.166175	.168121	.170053	.171971	.173876	.175766	.177643	.179506	.181355	.183189
		.154134	.156137	.158127	.160105	.162069	.164020	.165958	.167883	.169794	.171692	.173576	.175447	.177304	.179148	.180978
		.152059	.154052	.156032	.158000	.159956	.161899	.163828	.165746	.167650	.169541	.171419	.173283	.175135	.176973	.178798
		.150018	.152001	.153971	.155930	.157876	.159810	.161732	.163641	.165538	.167422	.169293	.171151	.172996	.174829	.176649
		.148011	.149983	.151944	.153892	.155829	.157754	.159668	.161569	.163458	.165334	.167198	.169050	.170889	.172716	.174530
9.0		.146036	.147999	.149949	.151887	.153815	.155731	.157635	.159528	.161409	.163278	.165135	.166980	.168812	.170633	.172441
		.144097	.146047	.147986	.149915	.151833	.153739	.155635	.157519	.159391	.161253	.163102	.164940	.166766	.168580	.170382
		.142188	.144127	.146055	.147974	.149881	.151779	.153665	.155540	.157405	.159258	.161099	.162930	.164749	.166556	.168352
		.140310	.142238	.144156	.146064	.147961	.149849	.151726	.153592	.155448	.157293	.159127	.160949	.162761	.164561	.166351
		.138464	.140380	.142287	.144184	.146072	.147949	.149817	.151674	.153521	.155357	.157183	.158998	.160802	.162596	.164378
9.5		.136648	.138553	.140448	.142335	.144212	.146080	.147937	.149785	.151623	.153451	.155269	.157076	.158872	.160658	.162434
		.134862	.136755	.138640	.140515	.142382	.144239	.146087	.147926	.149754	.151573	.153383	.155182	.156970	.158749	.160517
		.133106	.134987	.136860	.138725	.140581	.142428	.144266	.146095	.147914	.149724	.151525	.153315	.155096	.156867	.158628
		.131379	.133248	.135109	.136963	.138808	.140644	.142472	.144292	.146102	.147903	.149694	.151477	.153249	.155013	.156766
		.129680	.131537	.133387	.135229	.137063	.138889	.140707	.142516	.144317	.146109	.147891	.149665	.151430	.153185	.154931

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TABLE III

$$r = 0.85(0.01) \quad 1.15$$

$$z = -0.25(0.01) \quad 0.24$$

		$H_r(r, z)$										
z	r	.850	.860	.870	.880	.890	.900	.910	.920	.930	.940	.950
-.250		.44356457	.44824848	.45269739	.45688606	.46078865	.46437913	.46763163	.47052098	.47302320	.47511609	.476777979
		.45292515	.45792694	.46269020	.46718680	.47138771	.47526340	.47878433	.48192149	.48464701	.48693489	.48876170
		.46249958	.46784876	.47295733	.47779396	.48232601	.48652001	.49034215	.49375892	.49673789	.49924849	.50126292
		.47228431	.47801328	.48350141	.48871389	.49361406	.49816395	.50232483	.50605795	.50932542	.51209121	.51432223
		.48427339	.48841755	.49432311	.49995141	.50526135	.51020988	.51475258	.51884455	.52244145	.52550065	.52798259
-.200		.49245783	.49905582	.50542053	.51150920	.51727584	.52267165	.52764569	.53214589	.53612018	.53951797	.54229177
		.50282498	.50991874	.51678847	.52338709	.52966323	.53556171	.54102414	.54599002	.55039812	.55418817	.55730291
		.51335771	.52099255	.52841750	.53558102	.54242603	.54889024	.55490681	.56040545	.56531398	.56956038	.57307526
		.52403356	.53225801	.54029281	.54808195	.55556235	.56266401	.56931057	.57542041	.58090832	.58568796	.58967489
		.53482361	.54368919	.55239281	.56087422	.56906428	.57688478	.58424882	.59106172	.59722291	.60262856	.60717542
-.150		.54569140	.55525207	.56468750	.57393377	.58291590	.59154726	.59972948	.60735317	.61429960	.62044373	.62565872
		.55659158	.56690291	.57713648	.58722574	.59709061	.60663624	.61575228	.62431294	.63217844	.63919807	.64521539
		.56746863	.57858647	.58968670	.60070176	.61154790	.62212302	.63230482	.64194997	.65089466	.65895739	.66594469
		.57825547	.59023416	.60226990	.61429662	.62622931	.63796057	.64935741	.66025864	.67047391	.67978543	.68795361
		.58887233	.60176216	.61479998	.62792463	.64105351	.65407756	.66685596	.67921110	.69092486	.70173790	.71135398
-.100		.59922576	.61306977	.62717026	.64147557	.65591078	.67037085	.68471267	.69874651	.71222798	.72485256	.73625618
		.60920827	.62403826	.63925122	.65481083	.67065690	.68669676	.70279417	.71875618	.73431859	.74913251	.76275647
		.61869878	.63453054	.65088906	.66776008	.68510716	.70286134	.72090708	.73906368	.75706213	.77451905	.79091297
		.62756405	.64439226	.66190568	.68011958	.69903164	.71861098	.73878184	.75939991	.78021916	.80084850	.82070135
		.63566172	.65345466	.67210112	.69165312	.71215338	.73362543	.75605717	.77937441	.80339913	.82778644	.85193602
-.050		.64284478	.66153971	.68125903	.70209722	.72415179	.74751675	.77226978	.79844825	.82600561	.85473432	.88413578
		.64896790	.66846788	.68915592	.71117180	.73467395	.75983898	.78685726	.81591971	.84718606	.88071453	.91631362
		.65389505	.67406811	.69557427	.71859704	.74335572	.77011310	.79918387	.83094131	.86581617	.90427063	.94670229
		.65750802	.67818949	.70031862	.72411579	.74985290	.77786990	.80859766	.84258999	.88056778	.92347628	.97254377
		.65971487	.68071324	.70323289	.72751889	.75387912	.78270748	.81451856	.85000162	.89010755	.93619567	.99029429
.000		.66045718	.68156324	.70421599	.72866920	.75524356	.78435240	.81654095	.85254906	.89341603	.94066705	.99667152
		.65971437	.68071324	.70323289	.72751889	.75387912	.78270748	.81451856	.85000162	.89010755	.93619567	.99029429
		.65750802	.67818949	.70031862	.72411579	.74985290	.77786990	.80859766	.84258999	.88056778	.92347628	.97254377
		.65389505	.67406811	.69557426	.71859704	.74335572	.77011310	.79918387	.83094131	.86581617	.90427063	.94670228
		.64896790	.66846788	.68915592	.71117180	.73467395	.75983898	.78685726	.81591971	.84718606	.88071453	.91631362
.050		.64284478	.66153971	.68125903	.70209722	.72415179	.74751675	.77226978	.79844825	.82600561	.85473432	.88413578
		.63566172	.65345466	.67210112	.69165312	.71215338	.73362543	.75605717	.77937441	.80339913	.82778644	.85193602
		.62756405	.64439226	.66190568	.68011958	.69903164	.71861098	.73878184	.75939991	.78021916	.80084850	.82070135
		.61869878	.63453054	.65088906	.66776008	.68510716	.70286134	.72090708	.73906368	.75706213	.77451905	.79091297
		.60920827	.62403826	.63925122	.65481082	.67065690	.68669676	.70279417	.71875618	.73431859	.74913251	.76275647
.100		.59922576	.61306977	.62717026	.64147557	.65591078	.67037085	.68471267	.69874651	.71222798	.72485256	.73625618
		.58887233	.60176216	.61479998	.62792463	.64105351	.65407756	.66685596	.67921110	.69092486	.70173790	.71135398
		.57825547	.59023416	.60226990	.61429662	.62622930	.63796057	.64935741	.66025864	.67047390	.67978542	.68795361
		.56746863	.57858647	.58968670	.60070175	.61154790	.62212302	.63230482	.64194997	.65089466	.65895739	.66594469
		.55659158	.56690291	.57713648	.58722574	.59709061	.60663624	.61575228	.62431294	.63217843	.63919807	.64521539
.150		.54569140	.55525207	.56468750	.57393377	.58291590	.59154726	.59972948	.60735317	.61429959	.62044373	.62565872
		.53482361	.54368919	.55239281	.56087422	.56906428	.57688478	.58424882	.59106172	.59722291	.60262856	.60717542
		.52403356	.53225800	.54029281	.54808195	.55556235	.56266401	.56931057	.57542040	.58090832	.58568796	.58967489
		.51335771	.52099255	.52841750	.53558102	.54242603	.54889024	.55490681	.56040545	.56531398	.56956038	.57307526
		.50282498	.50991874	.51678847	.52338709	.52966323	.53556171	.54102413	.54599002	.55039812	.55418817	.55730291
.200		.49245783	.49905582	.50542053	.51150920	.51727584	.52267165	.52764569	.53214589	.53612018	.53951797	.54229177
		.48227339	.48841755	.49432311	.49995141	.50526135	.51020988	.51475258	.51884455	.52244145	.52550065	.52798259
		.47228431	.47801328	.48350141	.48871389	.49361406	.49816395	.50232483	.50605795	.50932542	.51209121	.51432223
		.46249958	.46784876	.47295733	.47779396	.48232601	.48652001	.49034215	.49375892	.49673789	.49924849	.50126292
		.45292515	.45792694	.46269020	.46718680	.47138771	.47526340	.47878433	.48192149	.48464701	.48693489	.48876169

		$H_r(r,z)$										
z	r	.950	.960	.970	.980	.990	1.000	1.010	1.020	1.030	1.040	1.050
-.250		.47677980	.47799740	.47875545	.47904442	.47885908	.47819877	.47706749	.47547386	.47343097	.47095603	.46806992
		.48876170	.49010724	.49095529	.49129416	.49111719	.49042306	.48921594	.48750550	.48530663	.48263908	.47952689
		.50126292	.50275704	.50371119	.50411098	.50394792	.50321982	.50193105	.50009246	.49772113	.49483989	.49147655
		.51432223	.51598945	.51706896	.51754299	.51740071	.51663880	.51526176	.51328189	.51071891	.50759937	.50395570
		.52798259	.52985221	.53108029	.53164476	.53153181	.53073660	.52926375	.52712725	.52435008	.52096335	.51700516
-.200		.54229177	.54439900	.54580375	.54647851	.54640557	.54557810	.54400072	.54168952	.53867146	.53498334	.53067029
		.55730291	.55969035	.56130609	.56211560	.56209609	.56123806	.55954603	.55703860	.55374777	.54971746	.54500159
		.57307526	.57579480	.57766373	.57863838	.57868930	.57780334	.57598471	.57325519	.56965313	.56523151	.56005533
		.58967489	.59279022	.59496467	.59614258	.59628561	.59537558	.59341617	.59043311	.58647290	.58160023	.57589430
		.60717542	.61076538	.61331087	.61474033	.61500336	.61407490	.61195758	.60868221	.60430599	.59890887	.59258844
-.150		.62565872	.62982177	.63282118	.63456402	.63498340	.63404453	.63174834	.62813225	.62326769	.61725484	.61021555
		.64521539	.65007562	.65363501	.65577147	.65639513	.65545732	.65295617	.64893789	.64349322	.63674978	.62886172
		.66594469	.67166017	.67591697	.67855266	.67944478	.67852445	.67578523	.67128531	.66514228	.65752160	.64862126
		.68795361	.69472781	.69986260	.70313885	.70438688	.70350772	.70048748	.69540115	.68840458	.67971665	.66959585
		.71135398	.71945172	.72570546	.72981493	.73154052	.73073723	.72737883	.72156462	.71350670	.70350124	.69189175
-.100		.73625618	.74602596	.75372554	.75893656	.76131305	.76063745	.75686255	.75012428	.74072029	.72906170	.71561385
		.76275648	.77466152	.78425838	.79095393	.79423559	.79376707	.78946447	.78152136	.77037090	.75660066	.74085356
		.79091297	.80557378	.81770304	.82644511	.83101806	.83088247	.82588739	.81632245	.80284571	.78632492	.76766603
		.82070136	.83895122	.85452237	.86616217	.87263793	.87304371	.86709904	.85526465	.83859378	.81841546	.79602797
		.85193603	.87488498	.89521883	.91109153	.92048986	.92180290	.91448016	.89931476	.87810263	.85295969	.82576265
-.050		.88413578	.91321873	.94024020	.96251730	.97665129	.97956563	.97008749	.94973141	.92180665	.88980724	.85641216
		.91631363	.95324623	.98969591	1.02201892	1.04437894	1.05036110	1.03714530	1.00806266	.96981192	.92827940	.88703747
		.94670230	.99316083	1.04259313	1.09108492	1.12906353	1.14174121	1.12099062	1.07576742	1.02115477	.96664017	.91595731
		.97254378	1.02927197	1.09504100	1.16899675	1.23979022	1.27065770	1.23061812	1.15214124	1.07205915	1.00134353	.94054804
		.99029431	1.05558782	1.13735187	1.24446899	1.38626192	1.49119614	1.37563405	1.22612197	1.11312355	1.02663245	.95743862
.000		.99667153	1.06540740	1.15434842	1.28031263	1.49710122	∞	1.48537109	1.26125686	1.12961913	1.03606865	.96350675
		.99029430	1.05558782	1.13735187	1.24446899	1.38626192	1.49119612	1.37563405	1.22612197	1.11312355	1.02663245	.95743862
		.97254378	1.02927197	1.09504100	1.16899675	1.23979022	1.27065770	1.23061811	1.15214123	1.07205915	1.00134353	.94054804
		.94670230	.99316083	1.04259313	1.09108492	1.12906353	1.14174120	1.12099061	1.07576742	1.02115477	.96664017	.91595730
		.91631363	.95324623	.98969591	1.02201892	1.04437893	1.05036109	1.03714530	1.00806265	.96981192	.92827940	.88703747
.050		.88413578	.91321873	.94024019	.96251729	.97665128	.97956563	.97008749	.94973141	.92180665	.88980724	.85641216
		.85193603	.87488498	.89521883	.91109153	.92048985	.92180289	.91448016	.89931476	.87810263	.85295969	.82576265
		.82070136	.83895122	.85452237	.86616217	.87263793	.87304371	.86709904	.85526465	.83859378	.81841546	.79602797
		.79091297	.80557378	.81770304	.82644510	.83101806	.83088247	.82588739	.81632245	.80284571	.78632492	.76766603
		.76275647	.77466152	.78425838	.79095393	.79423559	.79376707	.78946446	.78152136	.77037090	.75660065	.74085356
.100		.73625618	.74602596	.75372553	.75893656	.76131305	.76063745	.75686255	.75012428	.74072029	.72906170	.71561384
		.71135398	.71945172	.72570546	.72981493	.73154051	.73073723	.72737883	.72156461	.71350670	.70350124	.69189175
		.68795361	.69472780	.69986260	.70313885	.70438688	.70350772	.70048748	.69540114	.68840458	.67971665	.66959585
		.66594469	.67166017	.67591697	.67855266	.67944478	.67852445	.67578523	.67128531	.66514228	.65752160	.64862126
		.64521539	.65007562	.65363501	.65577147	.65639513	.65545732	.65295617	.64893789	.64349322	.63674978	.62886171
.150		.62565872	.62982177	.63282118	.63456402	.63498340	.63404453	.63174834	.62813225	.62326768	.61725484	.61021555
		.60717542	.61076538	.61331087	.61474033	.61500336	.61407490	.61195758	.60868221	.60430599	.59890886	.59258844
		.58967489	.59279022	.59496467	.59614258	.59628561	.59537558	.59341617	.59043311	.58647290	.58160023	.57589430
		.57307526	.57579480	.57766373	.57863838	.57868930	.57780333	.57598471	.57325519	.56965312	.56523151	.56005533
		.55730291	.55969035	.56130609	.56211560	.56209609	.56123806	.55954602	.55703860	.55374777	.54971746	.54500159
.200		.54229177	.54439900	.54580375	.54647851	.54640557	.54557810	.54400072	.54168952	.53867146	.53498334	.53067029
		.52798259	.52985221	.53108029	.53164476	.53153181	.53073660	.52926375	.52712725	.52435008	.52096335	.51700516
		.51432223	.51598945	.51706896	.51754299	.51740070	.51663879	.51526176	.51328189	.51071891	.50759937	.50395570
		.50126292	.50275704	.50371119	.50411098	.50394792	.50321982	.50193104	.50009246	.49772113	.49483989	.49147655
		.48876169	.49010724	.49095529	.49129416	.49111719	.49042306	.48921594	.48750550	.48530663	.48263908	.47952689

$H_r(r, z)$

r	1.050	1.060	1.070	1.080	1.090	1.100	1.110	1.120	1.130	1.140	1.150
z											
-.250	.46806991 .47952689 .49147655 .50395570 .51700516	.46479668 .47599771 .48766313 .49982520 .51251925	.46115291 .47208209 .48343490 .49524882 .50755347	.45719710 .46781266 .47882940 .49026997 .50215828	.45292906 .46322339 .47388551 .48493336 .49638529	.44838923 .45834883 .46864257 .47928391 .49028597	.44360818 .45322345 .46313957 .47336581 .48391053	.43861608 .44788107 .45741446 .46722174 .47730703	.43344229 .44235436 .45150364 .46089228 .47052070	.42811498 .43667445 .44544151 .45441542 .46359346	.42266089 .43087065 .43926019 .44782630 .45656366
-.200	.53067029 .54500159 .56005533 .57589430 .59258844	.52578397 .53966165 .55419847 .56944460 .58545424	.52038064 .53376427 .54774036 .56234661 .57762186	.51451927 .52737875 .54076290 .55469767 .56920768	.50825973 .52057479 .53334762 .54659350 .56032450	.50166116 .51342060 .52557335 .53812540 .55107817	.49478072 .50598134 .51751446 .52937824 .54156542	.48767257 .49831801 .50923961 .52042916 .53187261	.48038708 .49048667 .50081102 .51134693 .52207527	.47297043 .48253803 .49228412 .50219178 .51223828	.46546435 .47451730 .48370758 .49301566 .50241647
-.150	.61021555 .62886171 .64862126 .66959585 .69189175	.60228524 .61999832 .63865538 .65831628 .67903338	.59360500 .61033326 .62783935 .64614703 .66526424	.58431476 .60003554 .61637812 .63333715 .65088677	.57454775 .58926280 .60445818 .62010658 .63615837	.56442670 .57815709 .59224316 .60664219 .62128943	.55406156 .56684266 .57987224 .59309773 .60644609	.54354841 .55542549 .56746073 .57959613 .59175547	.53296950 .54399396 .55510187 .56623310 .57731186	.52239386 .53262028 .54286934 .55308122 .56318287	.51187841 .52136227 .53082007 .54019389 .54941489
-.100	.71561384 .74085356 .76766603 .79602796 .82576264	.70084208 .72374515 .74768714 .77251374 .79790980	.68517260 .70581164 .72705570 .74868136 .77032428	.66897063 .68748819 .70627643 .72508674 .74355851	.65253313 .66910878 .68570840 .70208545 .71790956	.63609140 .65091787 .66559319 .67988770 .69351145	.61981885 .63308661 .64608374 .65860409 .67039940	.60384083 .61572908 .62726900 .63827971 .64855159	.58824430 .59891651 .60919328 .61891807 .62791519	.57308656 .58268891 .59187060 .60049731 .60842219	.55840247 .56706397 .57529501 .58298081 .58999871
-.050	.85641216 .88703746 .91595730 .94054803 .95743861	.82331144 .84779783 .86999717 .88809518 .90008036	.79142817 .81119797 .82858524 .84235151 .85125353	.76119406 .77734548 .79123033 .80199643 .80884606	.73275717 .74611416 .75739938 .76601693 .77143664	.70611331 .71728962 .72660685 .73364041 .73802658	.68118237 .69063672 .69843617 .70427233 .70788863	.65785084 .66592896 .67253771 .67744895 .68047718	.63599454 .64295981 .64861993 .65280324 .65537264	.61549040 .62154579 .62643958 .63004054 .63224541	.59622212 .60152586 .60579281 .60892120 .61083187
.000	.96350674 .95743860 .94054803 .91595730 .88703746	.90429352 .90008036 .88809518 .86999717 .84779782	.85434074 .85125353 .84235151 .82858524 .81119797	.81120025 .80884606 .80199643 .79123033 .77734548	.77328777 .77143664 .76601693 .75739938 .74611416	.73951796 .73802658 .73364041 .72660685 .71728961	.70911410 .70788863 .70427233 .69843617 .69063672	.68150073 .68047718 .67744895 .67253771 .66592896	.65623935 .65537264 .65280324 .64861993 .64295981	.63298797 .63224541 .63004054 .62643958 .62154579	.61147452 .61083187 .60892120 .60579281 .60152586
.050	.85641216 .82576264 .79602796 .76766603 .74085356	.82331144 .79790979 .77251373 .74768714 .72374515	.79142817 .77032428 .74868136 .72705570 .70581164	.76119406 .74355851 .72508674 .70627643 .68748819	.73275717 .71790956 .70208545 .68570840 .66910878	.70611331 .69351145 .67988770 .66559319 .65091787	.68118237 .67039940 .65860409 .64608374 .63308661	.65785084 .64855159 .63827971 .62726899 .61572908	.63599454 .62791519 .61891807 .60919328 .59891651	.61549040 .60842219 .60049730 .59187060 .58268891	.59622212 .58999871 .58298081 .57529501 .56706397
.100	.71561384 .69189175 .66959585 .64862126 .62886171	.70084208 .67903337 .65831628 .63865538 .61999832	.68517260 .66526424 .64614703 .62783935 .61033326	.66897062 .65088677 .63333715 .61637812 .60003553	.65253313 .63615837 .62010658 .60445818 .58926280	.63609140 .62128943 .60664219 .59224316 .57815709	.61981885 .60644609 .59309773 .57987224 .56684266	.60384083 .59175547 .57959613 .56746073 .55542549	.58824430 .57731186 .56623310 .55510187 .54399396	.57308656 .56318287 .55308122 .54286934 .53262028	.55840247 .54941489 .54019389 .53082007 .52136227
.150	.61021555 .59258844 .57589430 .56005533 .54500159	.60228524 .58545424 .56944460 .55419847 .53966165	.59360500 .57762186 .56234661 .54774036 .53376427	.58431476 .56920768 .55469767 .54076290 .52737875	.57454775 .56032450 .54659349 .53334762 .52057479	.56442670 .55107817 .53812540 .52557335 .51342059	.55406156 .54156542 .52937824 .51751446 .50598134	.54354841 .53187261 .52042916 .50923961 .49831801	.53296950 .52207527 .51134693 .50081102 .49048667	.52239386 .51223828 .50219178 .49228412 .48253803	.51187841 .50241647 .49301566 .48370758 .47451730
.200	.53067029 .51700516 .50395570 .49147655 .47952689	.52578397 .51251925 .49982520 .48766313 .47599771	.52038064 .50755347 .49524882 .48343490 .47208209	.51451927 .50215828 .49026997 .47882940 .46781266	.50825973 .49638529 .48493336 .47388551 .46322339	.50166116 .49028597 .47928391 .46864257 .45834883	.49478072 .48391053 .47336581 .46313957 .45322345	.48767257 .47730703 .46722174 .45741446 .44788107	.48038708 .47052070 .46089228 .45150364 .44235436	.47297043 .46359346 .45441542 .44544151 .43667445	.46546435 .45656366 .44782630 .43926019 .43087065

		$H_z(r, z)$											
z	r	.850	.860	.870	.880	.890	.900	.910	.920	.930	.940	.950	
-.250		1.47156530	1.48097054	1.49067795	1.50068208	1.51097456	1.52154351	1.53237529	1.54345037	1.55474724	1.56624050	1.57790131	
		1.46134175	1.47097588	1.48094098	1.49123270	1.50184346	1.51276210	1.52397366	1.53545909	1.54719516	1.55915445	1.57130548	
		1.45067392	1.46053579	1.47076041	1.48134490	1.49228281	1.50356369	1.51517267	1.52709017	1.53929168	1.55174768	1.56442376	
		1.43952926	1.44961566	1.46009976	1.47098068	1.48225359	1.49390916	1.50593299	1.51830523	1.53100020	1.54398624	1.55722576	
		1.42787260	1.43817767	1.44891884	1.46009782	1.47171202	1.48375381	1.49620980	1.50906022	1.52227846	1.53583073	1.54967602	
-.200		1.41566603	1.42618064	1.43717339	1.44864936	1.46060897	1.47304704	1.48595188	1.49930440	1.51307741	1.52723513	1.54173299	
		1.40286881	1.41357984	1.42481482	1.43658315	1.44888926	1.46173143	1.47510057	1.48897911	1.50333988	1.51814538	1.53334730	
		1.38943751	1.40032688	1.41178989	1.42384136	1.43649097	1.44974173	1.46358848	1.47801625	1.49299885	1.50849760	1.52446056	
		1.37532607	1.38636976	1.39804052	1.41036000	1.42334464	1.43700385	1.45133804	1.46633651	1.48197539	1.49821578	1.51500244	
		1.36048620	1.37165300	1.38350378	1.39606860	1.40937257	1.42343358	1.43825988	1.45384723	1.47017610	1.48720894	1.50488798	
-.150		1.34486789	1.35611802	1.36811194	1.38088998	1.39448815	1.40893548	1.42425095	1.44043985	1.45748992	1.47536738	1.49401352	
		1.32842026	1.33970390	1.35179303	1.36474035	1.37859543	1.39340166	1.40919253	1.42598699	1.44378422	1.46255800	1.48225144	
		1.31109279	1.32234847	1.33447171	1.34752986	1.36158904	1.37671091	1.39294822	1.41033908	1.42890004	1.44861821	1.46944318	
		1.29283698	1.30399000	1.31607086	1.32916379	1.34335479	1.35872827	1.37536211	1.39332079	1.41264648	1.43334819	1.45538979	
		1.27360858	1.28456959	1.29651390	1.30954472	1.32377122	1.33930554	1.35625762	1.37472746	1.39479412	1.41650116	1.43983924	
-.100		1.25337044	1.26403438	1.27572835	1.28857604	1.30271277	1.31828338	1.33543766	1.35432229	1.37506807	1.39777137	1.42246943	
		1.23209595	1.24234166	1.25365053	1.26616716	1.28005499	1.29549592	1.31268737	1.33183542	1.35314144	1.37677997	1.40286551	
		1.20977312	1.21946399	1.23023178	1.24224083	1.25568276	1.27077897	1.28778105	1.30696726	1.32863151	1.35306014	1.38049071	
		1.18640904	1.19539504	1.20544611	1.21674278	1.22950196	1.24398343	1.26049573	1.27939934	1.30110287	1.32604511	1.35465132	
		1.16203441	1.17015598	1.17929896	1.18965359	1.20145506	1.21499491	1.23063433	1.24881806	1.27008516	1.29506795	1.32446151	
-.050		1.13670769	1.14380166	1.15183633	1.16100198	1.17154019	1.18376015	1.19806054	1.21495742	1.23511757	1.25939148	1.28882703	
		1.11051822	1.11642576	1.12315307	1.13087802	1.13983171	1.15031868	1.16274605	1.17766579	1.19583519	1.21830002	1.24649603	
		1.08358747	1.08816362	1.09339858	1.09944353	1.10649878	1.11483484	1.12482479	1.13699526	1.15210838	1.17129562	1.19627555	
		1.05606792	1.05919189	1.06277793	1.06693655	1.07181632	1.07762165	1.08464138	1.09329634	1.10422225	1.11842109	1.13755217	
		1.02813897	1.02972375	1.03154687	1.03366675	1.03616271	1.03914516	1.04277252	1.04728035	1.05303465	1.06063590	1.07113998	
.000		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	
		.97186103	.97027625	.96845313	.96633325	.96383729	.96085483	.95722748	.95271965	.94696534	.93936410	.92886001	
		.94393208	.94080811	.93722206	.93306344	.92818368	.92237835	.91535862	.90670366	.89577775	.88157891	.86244783	
		.91641253	.91183637	.90660141	.90055647	.89350122	.88516516	.87517521	.86300474	.84789162	.82870438	.80372445	
		.88948178	.88357424	.87684693	.86912198	.86016829	.84968132	.83725395	.82233421	.80416480	.78169998	.75350397	
.050		.86329231	.85619834	.84816367	.83899802	.82845981	.81623985	.80193946	.78504258	.76488243	.74060852	.71117297	
		.83796559	.82984402	.82070104	.81034641	.79854494	.78500509	.76936567	.75118194	.72991483	.70493205	.67553849	
		.81359096	.80460496	.79455389	.78325721	.77049804	.75601657	.73950426	.72060066	.69889713	.67395489	.64534868	
		.79022688	.78053601	.76976822	.75775917	.74431723	.72922103	.71221895	.69303274	.67136849	.64693986	.61950929	
		.76790405	.75765834	.74634947	.73383284	.71994501	.70450408	.68731263	.66816458	.64685856	.62322003	.59713449	
.100		.74662956	.73596562	.72427165	.71142396	.69728723	.68171662	.66456234	.64567771	.62493193	.60222863	.57753057	
		.72639142	.71543041	.70348610	.69045528	.67622878	.66069446	.64374238	.62527254	.60520588	.58349884	.56016076	
		.70716302	.69601000	.68392914	.67083621	.65664521	.64127173	.62463789	.60667921	.58735352	.56665181	.54461021	
		.68890721	.67765153	.66552828	.65247014	.63811096	.62328909	.60705178	.58966092	.57109995	.55138179	.53055682	
		.67157974	.66029610	.64820697	.63525965	.62140457	.60659834	.59080747	.57401301	.55621578	.53744200	.51774856	
.150		.65513211	.64388198	.63188806	.61911002	.60551185	.59106452	.57574905	.55956014	.54251008	.52463262	.50598648	
		.63951380	.62834700	.61649622	.60393139	.59062743	.57656642	.56174012	.54615277	.52982390	.51279106	.49511202	
		.62467393	.61363024	.60195947	.58963999	.57665536	.56299615	.54866196	.53366349	.51802461	.50178422	.48499756	
		.61056249	.59967312	.58821011	.57615864	.56350903	.55025827	.53641152	.52198375	.50700115	.49150240	.47553944	
		.59713119	.58642016	.57518518	.56341685	.55111074	.53826857	.52489943	.51102089	.49666012	.48185462	.46665270	
.200		.58433397	.57381935	.56282661	.55135064	.53939103	.52695296	.51404812	.50069560	.48692259	.47276487	.45826706	
		.57212740	.56182232	.55108116	.53990218	.52828798	.51624619	.50379020	.49093978	.47772154	.46416927	.45032398	
		.56047074	.55038434	.53990024	.52901932	.51774641	.50609084	.49406701	.48169477	.46899980	.45601376	.44277424	
		.54932608	.53946421	.52923959	.51865510	.50771719	.49643631	.48482733	.47290983	.46070832	.44825232	.43557624	
		.53865825	.52902412	.51905902	.50876730	.49815654	.48723790	.47602634	.46454091	.45280484	.44084555	.42869452	

		$H_z(r,z)$										
z	r	.950	.960	.970	.980	.990	1.000	1.010	1.020	1.030	1.040	1.050
-.250	1.57790131	1.58969777	1.60159520	1.61355673	1.62554385	.63751712	-.35056307	-.33873578	-.32703875	-.31550773	-.30417586	
	1.57130548	1.58361297	1.59603831	1.60854015	1.62107508	.63359855	-.35393432	-.34156774	-.32934436	-.31730447	-.30548519	
	1.56442376	1.57728090	1.59027595	1.60336237	1.61649104	.62961132	-.35732784	-.34437676	-.33158388	-.31899478	-.30665122	
	1.55722576	1.57067552	1.58428720	1.59800816	1.61178257	.62555258	-.36074023	-.34715342	-.33374235	-.32055879	-.30764991	
	1.54967603	1.56376640	1.57804753	1.59245971	1.60693908	.62141922	-.36416714	-.34988629	-.33580177	-.32197277	-.30845276	
-.200	1.54173294	1.55651763	1.57152801	1.58669600	1.60194820	.61720783	-.36760308	-.35256134	-.33774040	-.32320827	-.30902583	
	1.53334730	1.54888661	1.56469418	1.58069204	1.59679532	.61291466	-.37104098	-.35516129	-.33953172	-.32423089	-.30932844	
	1.52446056	1.54082233	1.55750465	1.57441782	1.59146306	.60853556	-.37447182	-.35766467	-.34114318	-.32499880	-.30931152	
	1.51500244	1.53226317	1.54990923	1.56783693	1.58593047	.60406592	-.37788396	-.36004460	-.34253446	-.32546064	-.30891546	
	1.50488799	1.52313402	1.54184637	1.56090461	1.58017199	.59950060	-.38126225	-.36226703	-.34365510	-.32555287	-.30806731	
-.150	1.49401352	1.51334232	1.53323972	1.55356522	1.57415603	.59483378	-.38458683	-.36428840	-.34444138	-.32519610	-.30667705	
	1.48225145	1.50277278	1.52399332	1.54574851	1.56784290	.59005888	-.38783135	-.36605226	-.34481174	-.32429012	-.30463269	
	1.46944319	1.49128005	1.51398483	1.53736439	1.56118188	.58516838	-.39096035	-.36748437	-.34466051	-.32270700	-.30179367	
	1.45538979	1.47867844	1.50305582	1.52829518	1.55410683	.58015356	-.39392539	-.36848547	-.34384868	-.32028145	-.29798201	
	1.43983925	1.46472751	1.49099741	1.51838393	1.54652954	.57500428	-.39665894	-.36892037	-.34219036	-.31679708	-.29297026	
-.100	1.42246944	1.44911129	1.47752883	1.50741639	1.53832913	.56970852	-.39906472	-.36860073	-.33943236	-.31196669	-.28646532	
	1.40286552	1.43140834	1.46226439	1.49503193	1.52933480	.56425182	-.40100158	-.36725752	-.33522263	-.30540368	-.27808687	
	1.38049071	1.41104829	1.44466153	1.48097526	1.51929597	.55861650	-.40225547	-.36449466	-.32906042	-.29658038	-.26733937	
	1.35465132	1.38724952	1.42393726	1.46441235	1.50782812	.55278039	-.40248795	-.35970812	-.32021580	-.28476814	-.25357814	
	1.32446152	1.35893309	1.39893152	1.44437714	1.49430728	.54671493	-.40113507	-.35193763	-.30759764	-.26895402	-.23597484	
-.050	1.28882704	1.32461699	1.36788470	1.41917665	1.47764653	.54038188	-.39719140	-.33958027	-.28953764	-.24773763	-.21349977	
	1.24649603	1.28232964	1.32809435	1.38585495	1.45576846	.53372739	-.38869669	-.31980924	-.26345559	-.21924436	-.18496651	
	1.19627555	1.22968840	1.27549848	1.33895681	1.42417150	.52666994	-.37133233	-.28736359	-.22544851	-.18119312	-.14923173	
	1.13755217	1.16452060	1.20469631	1.26820081	1.37125357	.51907101	-.33382015	-.23225873	-.17029247	-.13147869	-.10568182	
	1.07113998	1.08658108	1.11139474	1.15706387	1.26015340	.51063880	-.23997802	-.13834436	-.09377478	-.06980099	-.05503053	
.000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	.50000000	.00000000	.00000000	.00000000	.00000000	.00000000	
	.92886001	.91341892	.88860526	.84293612	.73984659	.48935120	.23997803	.13834437	.09377478	.06980099	.05503053	
	.86244783	.83547940	.79530369	.73179919	.62874642	.48092899	.33382015	.23225873	.17029247	.13147869	.10568182	
	.80372445	.77031159	.72450152	.66104319	.57582850	.47333006	.37133233	.28736360	.22544851	.18119313	.14923173	
	.75350397	.71767036	.67190565	.61414505	.54423154	.45627261	.38869669	.31980924	.26345559	.21924436	.18496651	
.050	.71117296	.67538300	.63211530	.58082335	.52235347	.45961812	.39719140	.33958027	.28953764	.24773763	.21349977	
	.67553848	.64106691	.60106848	.55562286	.50569272	.45328507	.40113507	.35193763	.30759764	.26895402	.23597484	
	.64534868	.61275048	.57606274	.53558765	.49217188	.44721961	.40248795	.35930812	.32021580	.28476814	.25357815	
	.61950928	.58895171	.55533847	.51902474	.48070403	.44138350	.40225547	.36449466	.32906042	.29658038	.26733937	
	.59713448	.56859166	.53773561	.50490807	.47066520	.43574818	.40100158	.36725752	.33522263	.30540368	.27808688	
.100	.57753056	.55088871	.52247117	.49258361	.46167087	.43029148	.39906472	.36860073	.33943236	.31196669	.28646532	
	.56016075	.53527249	.50900258	.48161607	.45347046	.42499572	.39665894	.36892037	.34219036	.31679708	.29297026	
	.54461021	.52132156	.49690417	.47170482	.44589317	.41984644	.39392539	.36848547	.34384868	.32028145	.29798202	
	.53055681	.50871595	.48601516	.46263561	.43881812	.41483162	.39096035	.36748437	.34466051	.32270700	.30179368	
	.51774855	.49722722	.47600668	.45425149	.43215710	.40994112	.38783135	.36605226	.34481174	.32429012	.30463269	
.150	.50598648	.48665768	.46676028	.44643478	.42584397	.40516622	.38458683	.36428840	.34444138	.32519610	.30667705	
	.49511201	.47686598	.45815363	.43909539	.41982801	.40049900	.38126225	.36226703	.34365510	.32555287	.30806731	
	.48499756	.46773683	.45009077	.43216307	.41406953	.39503408	.37788396	.36004460	.34253446	.32546064	.30891546	
	.47553944	.45917767	.44249535	.42558218	.40853694	.39146444	.37447182	.35766467	.34114318	.32499880	.30931152	
	.46665270	.45111339	.43530582	.41930796	.40320468	.38308535	.37104098	.35516129	.33953172	.32423089	.30932844	
.200	.45826706	.44348237	.42847199	.41330400	.39805180	.38279217	.36760308	.35256134	.33774040	.32320827	.30902583	
	.45032397	.43623360	.42195247	.40754029	.39306092	.37858078	.36416714	.34988629	.33580177	.32197277	.30845276	
	.44277424	.42932448	.41571280	.40199184	.38821743	.37444742	.36074023	.34715342	.33374235	.32055879	.30764991	
	.43557624	.42271910	.40972405	.39663763	.38350896	.37038868	.35732384	.34437676	.33158388	.31899478	.30665122	
	.42869452	.41630703	.40396169	.39145985	.37892492	.36640145	.35393432	.34156774	.32934436	.31730447	.30548519	

Hz(r,z)

r	1.050	1.060	1.070	1.080	1.090	1.100	1.110	1.120	1.130	1.140	1.150
z											
-.250	-.30417586 -.30548519 -.30665122 -.30764991 -.30845276	-.29307320 -.29391995 -.29459049 -.29505742 -.29528849	-.28222633 -.28263805 -.28284488 -.28281694 -.28251932	-.27165812 -.27166432 -.27144139 -.27095776 -.27017690	-.26138761 -.26101913 -.26040166 -.25950279 -.25828525	-.25143000 -.25071832 -.24974208 -.24846870 -.24686105	-.24179678 -.24077344 -.23947402 -.23786638 -.23591420	-.23249590 -.23119199 -.22960421 -.22770135 -.22544850	-.22353206 -.22197776 -.22013518 -.21797445 -.21546243	-.21490697 -.21313124 -.21106580 -.20868239 -.20594998	-.20661970 -.20465001 -.20239175 -.19981848 -.19690145
-.200	-.30902582 -.30932843 -.30931152 -.30891546 -.30806731	-.29524562 -.29488352 -.29414809 -.29297428 -.29128344	-.28191108 -.28094402 -.27956112 -.27769458 -.27526351	-.26905628 -.26754635 -.25225691 -.26311630 -.26004782	-.25670610 -.25471578 -.25225691 -.24926295 -.24565673	-.24487673 -.24246731 -.23957738 -.23614355 -.23209337	-.23357644 -.23080669 -.22755252 -.22375476 -.21934677	-.22280654 -.21973179 -.22755252 -.21208323 -.20739494	-.21256242 -.20923386 -.20543202 -.20110784 -.19620776	-.20283454 -.19929889 -.19530255 -.19080177 -.18574951	-.19360945 -.18990880 -.18576327 -.18113427 -.17598099
-.150	-.30667704 -.30463268 -.30179367 -.29798201 -.29297025	-.28897986 -.28594634 -.28203854 -.27707762 -.27084111	-.27217090 -.26830000 -.26350988 -.25763006 -.25045433	-.25628898 -.25172788 -.24623232 -.23964626 -.23178647	-.24134862 -.23623474 -.23019493 -.22309105 -.21476562	-.22734412 -.22180178 -.21536002 -.20789972 -.19929926	-.21425383 -.20839264 -.20167117 -.19398898 -.18523854	-.20204428 -.19595880 -.18906027 -.18126566 -.17248883	-.19067386 -.18444409 -.17745305 -.16963322 -.16091688	-.18009584 -.17378836 -.16677319 -.15899626 -.15040527	-.17026089 -.16393027 -.15694532 -.14926342 -.14084493
-.100	-.28646531 -.27808687 -.26733937 -.25357814 -.23597483	-.26305137 -.25336218 -.24134418 -.22647282 -.20812697	-.24173401 -.23117152 -.21841633 -.20306701 -.18468666	-.22243960 -.21136102 -.19827729 -.18289553 -.16492426	-.20504181 -.19372548 -.18061109 -.16549349 -.14818822	-.18938611 -.17804070 -.16510344 -.15043633 -.13393015	-.17530772 -.16408427 -.15146276 -.13735469 -.12170203	-.16264349 -.15164753 -.13942930 -.12593580 -.11114298	-.15123900 -.14054124 -.12877714 -.11591870 -.10196374	-.14095234 -.13059745 -.11931267 -.10708715 -.09393245	-.13165555 -.12166917 -.11087123 -.09926246 -.08686267
-.050	-.21349976 -.18496650 -.14923172 -.10568181 -.05503053	-.18561496 -.15825799 -.12557085 -.08756148 -.04508153	-.16284262 -.13718492 -.10757364 -.07424394 -.03795229	-.14411161 -.12030557 -.09353486 -.06409537 -.03260758	-.12856260 -.10657787 -.08233797 -.05613337 -.02846085	-.11552773 -.09525200 -.07323457 -.04973715 -.02515586	-.10449388 -.08578454 -.06570990 -.04449738 -.02246411	-.09506718 -.07777668 -.05940084 -.04013416 -.02023250	-.08694387 -.07093156 -.05404520 -.03645015 -.01835467	-.07988790 -.06502492 -.04944960 -.03330244 -.01675452	-.07371426 -.05988491 -.04546867 -.03058514 -.01537614
.000	-.00000000 .05503053 .10568181 .14923172 .18496650	.00000000 .04508154 .08756148 .12557085 .15825799	.00000000 .03795229 .07424395 .10757364 .13718493	.00000000 .03260758 .06409537 .09353487 .12030558	.00000000 .02846085 .05613337 .08233797 .10657787	.00000000 .02515586 .04973716 .07323457 .09525201	.00000000 .02246411 .04449738 .06570990 .08578454	.00000000 .02023250 .04013416 .05940084 .07777668	.00000000 .01835467 .03645015 .05404520 .07093157	.00000000 .01675452 .03330244 .04944960 .06502492	.00000000 .01537614 .03058514 .04546867 .05988491
.050	.21349977 .23597483 .25357814 .26733937 .27808687	.18561496 .20812697 .22647282 .24134418 .25336218	.16284262 .18468666 .20306701 .21841633 .23117152	.14411161 .16492426 .18289553 .19827729 .21136102	.12856260 .14818822 .16549349 .18061109 .19372548	.11552773 .13393015 .15043633 .16510344 .17804070	.10449388 .12170203 .13735469 .15146276 .16408427	.09506718 .11114298 .12593580 .13942930 .15164753	.08694387 .10196374 .11591870 .12877715 .14054124	.07988790 .09393245 .10708715 .11931267 .13059745	.07371426 .08686267 .09926246 .11087123 .12166917
.100	.28646532 .29297025 .29798201 .30179367 .30463268	.26305137 .27084111 .27707762 .28203854 .28594634	.24173401 .25045434 .23763007 .26350988 .26830000	.22243960 .23178647 .23964626 .24623232 .25172788	.20504181 .21476562 .22309105 .23019493 .23623474	.18938611 .19928926 .20789972 .21536002 .22180178	.17530772 .18523854 .19398898 .20167117 .20839264	.16264349 .17248883 .18126566 .18906027 .19595880	.15123900 .16091688 .16963323 .17745305 .18444409	.14095234 .15040527 .15899626 .16677319 .17378836	.13165555 .14084493 .14926342 .15694533 .16393027
.150	.30667704 .30806731 .30891546 .30931152 .30932843	.28897986 .29128344 .29297428 .29414809 .29488352	.27217090 .27526351 .27769458 .27956112 .28094402	.25628898 .26004782 .26311630 .26558907 .26754635	.24134862 .24565673 .24926295 .25225691 .25471578	.22734412 .23209337 .23614355 .23957738 .24246731	.21425383 .21934677 .22375476 .22755252 .23080669	.20204428 .20739494 .21208323 .21617545 .21973179	.19067386 .19620776 .20110784 .20543202 .20923386	.18009584 .18574951 .19080177 .19530256 .19929889	.17026089 .17598099 .18113427 .18576328 .18990880
.200	.30902582 .30845276 .30764991 .30665122 .30548519	.29524562 .29528849 .29505742 .29459049 .29391995	.28191108 .28251932 .28281694 .28284488 .28263805	.26905628 .27017690 .27095776 .27144139 .27166432	.25670610 .25828525 .25950279 .26040166 .26101913	.24487673 .24686105 .24846870 .24974208 .25071832	.23357644 .23591420 .23786638 .23947402 .24077344	.22280654 .22544850 .22770135 .22960421 .23119199	.21256242 .21546243 .21797445 .22013518 .22197776	.20283454 .20594998 .20868239 .21106580 .21313124	.19360945 .19690145 .19981848 .20239175 .20465001

A(r,z)

r	.850	.860	.870	.880	.890	.900	.910	.920	.930	.940	.950
z											
.250	.56680431 .56232204 .55774509 .55307134 .54829872	.57489025 .57035957 .56573090 .56100179 .55616983	.58305501 .57847830 .57380029 .56901823 .56412934	.59130105 .58668094 .58195630 .57712402 .57218096	.59963077 .59497017 .59020188 .58532248 .58032841	.60804643 .60334853 .59853993 .59361683 .58857531	.61655019 .61181844 .60697315 .60201018 .59692517	.62514401 .62038215 .61550413 .61050544 .60538134	.63382966 .62904169 .62413517 .61910528 .61394690	.64260868 .63779882 .63286833 .62781209 .62262462	.65148232 .64665503 .64170536 .63662791 .63141691
.200	.54342523 .53844896 .53336817 .52818132 .52288712	.55123266 .54618797 .54103358 .53576748 .53038787	.55913085 .55402002 .54879421 .54345085 .53798760	.56712392 .56194971 .55665513 .55123706 .54569252	.57521603 .56998164 .56462151 .55913188 .55350904	.58341125 .57812045 .57269855 .56714116 .56144378	.59171358 .58637064 .58089142 .57527077 .56950342	.60012683 .59473661 .58920513 .58352651 .57769463	.60865457 .60322250 .59764448 .59191395 .58602392	.61730005 .61183208 .60621395 .60043836 .59449748	.62606610 .62056873 .61491750 .60910447 .60312100
.150	.51748459 .51197318 .50635284 .50062411 .49478829	.52489325 .51928253 .51355508 .50771092 .50175080	.53240235 .52669333 .52085928 .51489949 .50881405	.54001869 .53421307 .52827356 .52219863 .51598751	.54774943 .54184965 .53580667 .52961794 .52328160	.55560199 .54961142 .54346793 .53716778 .53070779	.56358398 .55750702 .55126717 .54485926 .53827853	.57170310 .56554534 .55921459 .55270410 .54600726	.57996696 .57373525 .56732060 .56071448 .55390821	.58838287 .58208547 .57559556 .56890276 .56199610	.59695769 .59060425 .58404947 .57728110 .57028576
.100	.48884754 .48280501 .47666501 .47043312 .46411629	.49567641 .48949053 .48319723 .47680202 .47031205	.50260402 .49627161 .48982047 .48325590 .47658509	.50964039 .50315872 .49654546 .48980548 .48294582	.51679676 .51016376 .50338460 .49646336 .48940664	.52408564 .51730026 .51035224 .50324440 .49598246	.53152094 .52458352 .51746494 .51016616 .50269129	.53911793 .53203075 .52474180 .51724936 .50955499	.54689314 .53966102 .53220458 .52451838 .51660009	.55486413 .54749516 .53987778 .53200162 .52385875	.56304901 .55555531 .54778835 .53973159 .53136947
.050	.45772293 .45126293 .44474756 .43818941 .43160209	.46373618 .45708511 .45037126 .44360868 .43681280	.46981733 .46296411 .45603914 .44905821 .44203888	.47597604 .46890844 .46175811 .45454286 .44728285	.48222403 .47492852 .46753669 .46006870 .45254788	.48857563 .48103735 .47338568 .46564349 .45783803	.49504855 .48725131 .47931894 .47127735 .46315865	.50166486 .49359135 .48535462 .47698377 .46851697	.50845228 .50008470 .49151703 .48278131 .47392309	.51544581 .50676723 .49783955 .48869630 .47939168	.52268960 .51368674 .50436918 .49476775 .48494529
.000	.42500000 .41839791 .41181059 .40525244 .39873707	.43000000 .42318720 .41639132 .40962874 .40291489	.43500000 .42796112 .42094179 .41396086 .40703589	.44000000 .43271715 .42545714 .41824189 .41109156	.44500000 .43745212 .42993130 .42246331 .41507148	.45000000 .44216197 .43435651 .42661432 .41896265	.45500000 .44684135 .43872265 .43068106 .42274869	.46000000 .45148303 .44301623 .43464538 .42640865	.46500000 .45607691 .44721869 .43848296 .42991529	.47000000 .46060832 .45130370 .44216045 .43323276	.47500000 .46505471 .45523225 .44563082 .43631326
.050	.39227707 .38588371 .37956688 .37333499 .36719499	.39626382 .38968795 .38319798 .37680277 .37050947	.40018267 .39341491 .38674410 .38017953 .37372839	.40402396 .39705418 .39019452 .38345454 .37684128	.40777597 .40059336 .39353664 .38661540 .37983624	.41142436 .40401754 .39675559 .38964776 .38269974	.41495145 .40730871 .39983383 .39253506 .38541648	.41833514 .41044501 .40275064 .39525820 .38796925	.42154772 .41339990 .40548162 .39779542 .39033898	.42455418 .41614125 .40799838 .40012222 .39250484	.42731040 .41863053 .41026841 .40221165 .39444469
.100	.36115246 .35521171 .34937589 .34364716 .33802682	.36432359 .35824920 .35228908 .34644492 .34071747	.36739598 .36118595 .35510051 .34914072 .34330667	.37035961 .36401249 .35780137 .35172644 .34578693	.37320324 .36671839 .36038206 .35419333 .34815035	.37591436 .36929221 .36283222 .35653206 .35038858	.37847906 .37172147 .36514074 .35873283 .35249297	.38088207 .37399273 .36729590 .36078541 .35445466	.38310686 .37609179 .36928552 .36267940 .35626475	.38513587 .37800390 .37109724 .36440444 .35791452	.38695099 .37971423 .37271890 .36595052 .35939574
.150	.33251541 .32711288 .32181867 .31663183 .31155104	.33510675 .32961213 .32423252 .31896642 .31381203	.33759765 .33201240 .32654915 .32120579 .31597998	.33998131 .33430748 .32876294 .32334487 .31805029	.34225057 .33649095 .33086812 .32537849 .32001835	.34439801 .33855622 .33285884 .32730144 .32187955	.34641601 .34049658 .33472923 .32910858 .32362936	.34829689 .34230537 .33647349 .33079487 .32526338	.35003304 .34397608 .33808604 .33235551 .32677750	.35161712 .34550252 .33956164 .33378605 .32816791	.35304231 .34687899 .34089552 .33508249 .32943126
.200	.30657478 .30170128 .29692866 .29225491 .28767796	.30876734 .30383017 .29899821 .29426910 .28964043	.31086915 .30587066 .30098177 .29619971 .29152170	.31287608 .30781904 .30287598 .29804370 .29331906	.31478397 .30967159 .30467752 .29979812 .29502983	.31658875 .31142469 .30638316 .30146007 .29665147	.31828642 .31307482 .30798982 .30302684 .29818156	.31987317 .31461866 .30949456 .30449587 .29961784	.32134543 .31605310 .31089472 .30586483 .30095831	.32269995 .31737538 .31218791 .30713167 .30220118	.32393390 .31858309 .31337208 .30829464 .30334497

		A(r, z)										
r	z	.950	.960	.970	.980	.990	1.000	1.010	1.020	1.030	1.040	1.050
.250		.65148232	.66045156	.66951703	.67867903	.68793749	.69729197	.68684067	.67667752	.66679535	.65718681	.64784449
		.64665503	.65561147	.66466892	.67382779	.68308806	.69244932	.68200970	.67186307	.66200209	.65241925	.64310690
		.64170536	.65064762	.65969607	.66885125	.67811323	.68748160	.67705446	.66692556	.65708742	.64753230	.63825231
		.63662792	.64555439	.65459269	.66374352	.67300703	.68238285	.67196903	.66185922	.65204572	.64252059	.63327561
		.63141691	.64032573	.64935251	.65849816	.66776296	.67714656	.66674699	.65665774	.64687093	.63737830	.62817130
.200		.62606610	.63495506	.64396871	.65310818	.66237392	.67176564	.66138131	.65131428	.64155642	.63209914	.62293345
		.62056874	.62943526	.63843384	.64756592	.65683213	.66623227	.65586428	.64582133	.63609498	.62667625	.61755567
		.61491751	.62375855	.63273974	.64186292	.65112899	.66053786	.65018741	.64017062	.63047870	.62110219	.61203101
		.60910447	.61791640	.62687742	.63598988	.64525500	.65467285	.64434128	.63435302	.62469887	.61536878	.60635195
		.60312101	.61189948	.62083696	.62993643	.63919954	.64862659	.63831539	.62835839	.61874587	.60946705	.60051028
.150		.59695769	.60569749	.61460733	.62369099	.63295073	.64238712	.63209797	.62217538	.61260899	.60338714	.59449707
		.59060426	.59929905	.60817620	.61724054	.62649511	.63594090	.62567570	.61579123	.60627631	.59711813	.58830257
		.58404948	.59269154	.60152974	.61057032	.61981737	.62927247	.61903344	.60919148	.59973439	.59064789	.58191613
		.57728110	.58586091	.59465232	.60366347	.61289991	.62236403	.61215376	.60235963	.59296809	.58396295	.57532610
		.57028576	.57879147	.58752617	.59650058	.60572227	.61519483	.60501641	.59527664	.58596017	.57704826	.56851980
.100		.56304901	.57146571	.58013096	.58905903	.59826038	.60774039	.59759756	.58792036	.57869092	.56988701	.56148351
		.55555531	.56386408	.57244329	.58131221	.59048553	.59997134	.58986878	.58026471	.57113765	.56246044	.55420246
		.54778835	.55596489	.56443609	.57322839	.58236283	.59185180	.58179556	.57227861	.56327410	.55474771	.54666118
		.53973159	.54774438	.55607798	.56476925	.57384909	.58333693	.57333511	.56392449	.55506983	.54672604	.53884396
		.53136947	.53917731	.54733272	.55588781	.56488938	.57436902	.56443309	.55515632	.54648968	.53837120	.53073602
.050		.52268960	.53023862	.53815916	.54652580	.55541172	.56487102	.55501821	.54591701	.53749376	.52965911	.52232561
		.51368674	.52090718	.52851302	.53661055	.54531802	.55473462	.54499339	.53613532	.52803910	.52056952	.51360777
		.50436918	.51117386	.51835347	.52605337	.53446803	.54379607	.53421976	.52572434	.51808610	.51109369	.50459043
		.49476775	.50105636	.50766199	.51475839	.52265045	.53177760	.52248814	.51459011	.50761683	.50124864	.49530296
		.48494529	.49062094	.49648563	.50267826	.50954893	.51809481	.50948533	.50268625	.49667693	.49109808	.48580516
.000		.47500000	.48000000	.48500000	.49000000	.49500000	.50000000	.49504951	.49019608	.48543689	.48076923	.47619048
		.46505471	.46937906	.47351437	.47732174	.48045107	.48190519	.48061368	.47770591	.47419685	.47044038	.46657580
		.45523225	.45894364	.46233801	.46524161	.46734954	.46822240	.46761087	.46580204	.46325696	.46028982	.45707799
		.44563082	.44882614	.45164653	.45394663	.45553197	.45620393	.45587925	.45466782	.45278768	.45044477	.44779052
		.43631326	.43909282	.44148698	.44338945	.44468198	.44526538	.44510562	.44425684	.44283468	.44096894	.43877318
.050		.42731040	.42976138	.43184084	.43347420	.43458828	.43512897	.43508080	.43447515	.43338003	.43187935	.43005535
		.41863053	.42082269	.42266728	.42411219	.42511062	.42563098	.42566592	.42523584	.42438411	.42316726	.42164494
		.41026841	.41225562	.41392202	.41523075	.41615091	.41666307	.41676390	.41646767	.41580396	.41481242	.41353699
		.40221165	.40403511	.40556391	.40677161	.40763716	.40814820	.40830345	.40811355	.40759969	.40679075	.40571977
		.39444469	.39613592	.39755671	.39868779	.39951447	.40002866	.40023023	.40012744	.39973614	.39907803	.39817849
.100		.38695099	.38853429	.38986904	.39094097	.39173961	.39225960	.39250145	.39247179	.39218287	.39165145	.39089745
		.37971423	.38120853	.38247383	.38349942	.38427773	.38480516	.38508260	.38511551	.38491362	.38449020	.38386115
		.37271890	.37413909	.37534768	.37633653	.37710009	.37763597	.37794525	.37803252	.37790570	.37757551	.37705486
		.36595052	.36730846	.36847026	.36942968	.37018263	.37072753	.37106557	.37120067	.37113940	.37089057	.37046483
		.35939574	.36070095	.36182380	.36275946	.36350489	.36405910	.36442331	.36460093	.36459748	.36442034	.36407838
.150		.35304231	.35430251	.35539267	.35630901	.35704927	.35761288	.35800104	.35821678	.35826479	.35815132	.35788388
		.34687899	.34810052	.34916303	.35006357	.35080046	.35137341	.35178362	.35203377	.35212792	.35207141	.35187068
		.34089553	.34208360	.34312257	.34401012	.34474500	.34532715	.34575773	.34603914	.34617491	.34616969	.34602901
		.33508249	.33624145	.33726026	.33813708	.33887101	.33946214	.33991160	.34022154	.34039508	.34043627	.34034994
		.32943126	.33056474	.33156616	.33243408	.33316787	.33376773	.33423473	.33457083	.33477880	.33486221	.33482528
.200		.32393390	.32504494	.32603129	.32689182	.32762608	.32823436	.32871770	.32907788	.32931737	.32943933	.32944750
		.31858309	.31967427	.32064749	.32150184	.32223704	.32285344	.32335202	.32373442	.32400286	.32416016	.32420966
		.31337208	.31444561	.31540731	.31625648	.31699297	.31761715	.31812998	.31853294	.31882807	.31901787	.31910535
		.30829464	.30935238	.31030393	.31114875	.31188677	.31251840	.31304455	.31346659	.31378637	.31400616	.31412864
		.30334497	.30438853	.30533108	.30617221	.30691194	.30755068	.30808931	.30852909	.30887170	.30911921	.30927405

A(r,z)

r	1.050	1.060	1.070	1.080	1.090	1.100	1.110	1.120	1.130	1.140	1.150
- .250	.64784449 .64310690 .63825231 .63327561 .62817130	.63876088 .63405728 .62923938 .62430236 .61924110	.62992840 .62526253 .62048532 .61559229 .61057870	.62133945 .61671473 .61198186 .60713673 .60217497	.61298642 .60840596 .60372073 .59892696 .59402071	.60486172 .60032831 .59569363 .59095430 .58610675	.59695784 .59247393 .58789237 .58321010 .57842399	.58926733 .58483507 .58030881 .57568586 .57096345	.58178287 .57740408 .57293499 .56837321 .56371635	.57449728 .57017350 .56576310 .56126398 .55667411	.56740352 .56313601 .55878551 .55435022 .54982841
- .200	.62293345 .61755567 .61203101 .60635195 .60051028	.61405008 .60872338 .60325465 .59763705 .59186321	.60543948 .60016924 .59476222 .58921233 .58351306	.59709199 .59188292 .58654266 .58106583 .57544679	.58899785 .58385405 .57858482 .57318552 .56765134	.58114733 .57607225 .57087761 .56555945 .56011377	.57353081 .56852727 .56341007 .55817588 .55282143	.56613879 .56120907 .55617151 .55102338 .54576208	.55896201 .55410783 .54915152 .54409090 .53892394	.55199145 .54721406 .54234009 .53736784 .53229579	.54521840 .54051861 .53572760 .53084407 .52586697
- .150	.59449707 .58830257 .58191612 .57532610 .56851980	.58592522 .57981457 .57352211 .56703811 .56035226	.57765753 .57163848 .56544827 .55907902 .55252263	.56967969 .56375845 .55767690 .55142883 .54500819	.56197739 .55615874 .55019053 .54406807 .53778705	.55453657 .54882396 .54297224 .53697805 .53083856	.54734354 .54173925 .53600586 .53014115 .52414349	.54038515 .53489044 .52927611 .52354089 .51768411	.53364884 .52826412 .52276868 .51716200 .51144419	.52712271 .52184768 .51647023 .51099042 .50540897	.52079553 .51562933 .51036837 .50501321 .49956500
- .100	.56148350 .55420246 .54666118 .53884396 .53073602	.55345380 .54633177 .53897543 .53137506 .52352322	.54577109 .53881674 .53165283 .52427433 .51667912	.53840931 .53162732 .52465863 .51750171 .51015801	.53134382 .52473571 .51796155 .51102228 .50392168	.52455174 .51811665 .51153388 .50480605 .49793835	.51801214 .51174746 .50535130 .49882737 .49218163	.51170602 .50560795 .49939260 .49306433 .48662946	.50561625 .49968017 .49363923 .48749815 .48126330	.49972742 .49394824 .48807504 .48211268 .47606743	.49402569 .48839804 .48268584 .47689396 .47102845
- .050	.52232561 .51360777 .50459043 .49530296 .48580516	.51541680 .50706000 .49846842 .48967370 .48072693	.50886962 .50085498 .49265358 .48429534 .47582279	.50263331 .49493906 .48709394 .47912486 .47106709	.49666733 .48927149 .48175195 .47413241 .46644229	.49093922 .48382084 .47659962 .46929632 .46193565	.48542275 .47856241 .47161554 .46460024 .45753750	.48009654 .47347651 .46678286 .46003142 .45324016	.47494290 .46854712 .46208806 .45557965 .44903738	.46994709 .46376100 .45752005 .45123652 .44492389	.46509663 .45910707 .45306957 .44699502 .44089521
.000	.47619048 .46657580 .45707799 .44779052 .43877318	.47169811 .46266930 .45372253 .44492781 .43633623	.46728972 .45875665 .45028410 .44192586 .43372446	.46296296 .45485883 .44680107 .43883198 .43098686	.45871560 .45098891 .44329879 .43567924 .42815970	.45454546 .44715526 .43979459 .43249129 .42527007	.45045045 .44336340 .43630066 .42928536 .42233849	.44642857 .43961698 .43282572 .42607429 .41938063	.44247788 .43591838 .42937611 .42286770 .41640863	.43859649 .43226909 .42595646 .41967294 .41343198	.43478261 .42867001 .42257020 .41649565 .41045814
.050	.43005535 .42164493 .41353699 .40571977 .39817849	.42797942 .41987300 .41202117 .40442080 .39706446	.42570982 .41790032 .41030511 .40292661 .39576270	.42329262 .41576791 .40842422 .40126729 .39429861	.42076386 .41350952 .40640892 .39946964 .39269548	.41815169 .41115256 .40428486 .39755703 .39097426	.41547815 .40871927 .40207353 .39554960 .38915344	.41276061 .40622768 .39979282 .39346455 .38724920	.41001285 .40369246 .39745761 .39131652 .38527558	.40724590 .40112555 .39508031 .38911795 .38324474	.40446859 .39853677 .39267126 .38687938 .38116718
.100	.39089745 .38386115 .37705486 .37046483 .36407838	.38994242 .38304396 .37635812 .36987412 .36358166	.38880835 .38205681 .37550042 .36913117 .36294096	.38751662 .38091774 .37449710 .36824903 .36216748	.38608738 .37964414 .37336313 .36724066 .36127245	.38453917 .37825235 .37211286 .36611867 .36026695	.38288876 .37675741 .37075976 .36489504 .35916166	.38115112 .37517303 .36931626 .36358103 .35796671	.37933951 .37351156 .36779375 .36218707 .35669164	.37746557 .37178402 .36620257 .36072276 .35534530	.37553953 .37000021 .36455201 .35919684 .35393589
.150	.35788388 .35187068 .34602901 .34034994 .33482528	.35747100 .35153302 .34575918 .34014158 .33467285	.35692191 .35106638 .34536711 .33981722 .33441020	.35624624 .35047913 .34486010 .33938326 .33404300	.35545381 .34977986 .34424567 .33884637 .33357714	.35455434 .34897714 .34353146 .33821330 .33301866	.35355736 .34807947 .34272502 .33749083 .33237363	.35247199 .34709507 .34183376 .33668564 .33164808	.35130691 .34603181 .34086485 .33580423 .33084792	.35007027 .34489719 .33982514 .33485289 .32997892	.34876969 .34369825 .33872115 .33383762 .32904661
.200	.32944750 .32420966 .31910535 .31412864 .30927405	.32934615 .32415513 .31909386 .31415685 .30933894	.32913996 .32400074 .31898715 .31409412 .30931691	.32883394 .32375096 .31878920 .31394406 .30921120	.32843335 .32341048 .31850423 .31371047 .30902524	.32794358 .32298416 .31813661 .31339728 .30876260	.32737010 .32247691 .31769080 .31300853 .30842697	.32671836 .32189369 .31717128 .31254833 .30802208	.32599375 .32123941 .31658254 .31202076 .30755167	.32520153 .32051888 .31592900 .31142989 .30701948	.32434682 .31973681 .31521500 .31077971 .30642921

		rA(r,z)										
r		.850	.860	.870	.880	.890	.900	.910	.920	.930	.940	.950
z	.250	.48178366	.49440561	.50725786	.52034493	.53367138	.54724179	.56106067	.57513249	.58946159	.60405216	.61890820
		.47797373	.49050923	.50327612	.51627923	.52952345	.54301367	.55675478	.57075158	.58500877	.59953089	.61432228
		.47408333	.48652857	.49920625	.51212154	.52527968	.53868593	.55234557	.56626379	.58044570	.59489623	.60962009
		.47011064	.48246154	.49504586	.50786914	.52093701	.53425515	.54782927	.56166500	.57575791	.59014336	.60479652
		.46605391	.47830606	.49079252	.50351924	.51649228	.52971777	.54320191	.55695083	.57097061	.58526714	.59984606
-	.200	.46191144	.47406009	.48644384	.49906905	.51194226	.52507013	.53845936	.55211668	.56604875	.58026205	.59476279
		.45768151	.46972165	.48199742	.49451574	.50728366	.52030840	.53359728	.54715768	.56099692	.57512216	.58954030
		.45336295	.46528888	.47745096	.48985651	.50251314	.51542870	.52861119	.54206871	.55580937	.56984111	.58417163
		.44895413	.46076003	.47280224	.48508862	.49762737	.51042704	.52349640	.53684439	.55047998	.56441206	.57864925
		.44445405	.45613356	.46804921	.48020942	.49262305	.50529940	.51824811	.53147906	.54500224	.55882763	.57296495
-	.150	.43986190	.45140820	.46319004	.47521644	.48749699	.50004179	.51286142	.52596686	.53936927	.55307990	.56710980
		.43517721	.44658298	.45822320	.47010750	.48224619	.49465027	.50733139	.52030171	.53357378	.54716034	.56107404
		.43039991	.44165737	.45314757	.46488073	.47686794	.48912114	.50165312	.51447742	.52760815	.54105983	.55484700
		.42553049	.43663139	.44796255	.45953480	.47135997	.48345100	.49582192	.50848777	.52146446	.53476860	.54841704
		.42057005	.43150569	.44266823	.45406901	.46572063	.47763701	.48983346	.50232668	.51513463	.52827634	.54177147
-	.100	.41552041	.42628171	.43726550	.44848355	.45994911	.47167707	.48368405	.49598849	.50861062	.52157228	.53489656
		.41038426	.42096186	.43175630	.44277967	.45404574	.46557023	.47737101	.48946829	.50188474	.51464545	.52777754
		.40516526	.41554962	.42614381	.43696000	.44801229	.45931701	.47089310	.48276245	.49495026	.50748511	.52039893
		.39986815	.41004974	.42043263	.43102882	.44185239	.45291996	.46425121	.47586941	.48780209	.50008152	.51274501
		.39449885	.40446836	.41462903	.42499232	.43557191	.44638421	.45744908	.46879059	.48043809	.49242722	.50480095
-	.050	.38906449	.39881312	.40974108	.41885892	.42917939	.43971807	.45049418	.46153167	.47286062	.48451906	.49655512
		.38357349	.39309319	.40277878	.41263943	.42268638	.43293361	.44339869	.45410404	.46507877	.47636120	.48800240
		.37803543	.38731928	.39675406	.40634713	.41610765	.42604711	.43618024	.44652625	.45711084	.46796917	.47915072
		.37246100	.38150346	.39068064	.39999771	.40946114	.41907914	.42886238	.43882507	.44898661	.45937452	.47002936
		.36686178	.37565900	.38457382	.39360891	.40276761	.41205423	.42147437	.43103561	.44074847	.45062818	.46069802
.	.000	.36125000	.36980000	.37845000	.38720000	.39605000	.40500000	.41405000	.42320000	.43245000	.44180000	.45125000
		.35563822	.36394100	.37232617	.38079109	.38933239	.39794577	.40662563	.41536438	.42415153	.43297182	.44180197
		.35003900	.35809654	.36621935	.37440228	.38263886	.39092086	.39923761	.40757493	.41591338	.42422548	.43247063
		.34446457	.35228072	.36014594	.36805286	.37599234	.38395288	.39191976	.39987375	.40778916	.41563082	.42334928
		.33892651	.34650681	.35412122	.36176057	.36941362	.37706638	.38470131	.39229596	.39982122	.40723880	.41449759
.	.050	.33343551	.34078688	.34815892	.35554108	.36292061	.37028193	.37760582	.38486833	.39203938	.39908093	.40594488
		.32800115	.33513164	.34227097	.34940768	.35652809	.36361579	.37065092	.37760941	.38446191	.39117277	.39769900
		.32263185	.32955026	.33646737	.34337118	.35024761	.35708003	.36384879	.37053058	.37709791	.38351848	.38975498
		.31733474	.32405038	.33075619	.33744000	.34408771	.35068299	.35720690	.36363754	.36994974	.37611489	.38210107
		.31211574	.31863814	.32514370	.33162033	.33805426	.34442977	.35072899	.35693171	.36301525	.36895455	.37472245
.	.100	.30697959	.31331829	.31963450	.32591645	.33215089	.33832292	.34441594	.35041151	.35628938	.36202772	.36760344
		.30192935	.30809431	.31423177	.32033099	.32637937	.33236299	.33826653	.34407331	.34976536	.35532366	.36072852
		.29696951	.30296861	.30893744	.31486520	.32074003	.32654899	.33227807	.33791223	.34343553	.34883140	.35408296
		.29210009	.29794263	.30375243	.30951927	.31523206	.32087886	.32644687	.33192258	.33729184	.34254017	.34765300
		.28732279	.29301702	.29867680	.30429250	.30985381	.31534973	.32076861	.32609829	.33132622	.33643965	.34142596
.	.150	.28263810	.28819180	.29370996	.29918355	.30460301	.30995821	.31523857	.32043314	.32553073	.33052010	.33539019
		.27804595	.28346644	.28885079	.29419058	.29947695	.30470059	.30985188	.31492094	.31989776	.32477237	.32953504
		.27354587	.27883997	.28409776	.28931138	.29447263	.29957296	.30460360	.30955561	.31442002	.31918794	.32385075
		.26913705	.27431112	.27944904	.28454349	.28958685	.29457130	.29948881	.30433128	.30909063	.31375889	.31832837
		.26481839	.26987835	.27490258	.27988426	.28481634	.28969160	.29450271	.29924231	.30390308	.30847784	.31295970
.	.200	.26058856	.26553991	.27045616	.27533095	.28015773	.28492987	.28964064	.29428331	.29885125	.30333795	.30773720
		.25644609	.26129394	.26610748	.27088075	.27560772	.28028222	.28489809	.28944916	.29392938	.29833286	.30265393
		.25238936	.25713846	.26185414	.26653086	.27116299	.27574485	.28027073	.28473500	.28913209	.29345663	.29776348
		.24841667	.25307143	.25769375	.26227846	.26682032	.27131407	.27575443	.28013620	.28445429	.28870377	.29287991
		.24452627	.24909077	.25362388	.25812077	.26257655	.26698633	.27134522	.27564842	.27989123	.28406910	.28817772

$ra(r, z)$

r	.950	.960	.970	.980	.990	1.000	1.010	1.020	1.030	1.040	1.050
z											
.250	.61890821 .61432228 .60962009 .60479652 .59984607	.63403350 .62938701 .62462171 .61973221 .61471270	.64943152 .64472885 .63990519 .63495491 .62987194	.66510545 .66035123 .65547423 .65046865 .64532820	.68105811 .67625718 .67133210 .66627696 .66108533	.69729197 .69244932 .68748160 .68238285 .67714656	.69370907 .68882980 .68382500 .67868872 .67341446	.69021107 .68530033 .68026407 .67509640 .66979089	.68679920 .68186215 .67680004 .67160709 .66627705	.68347428 .67851602 .67343359 .66822141 .66287343	.68023672 .67526225 .67016493 .66493939 .65957986
.200	.59476280 .58954030 .58417163 .57864925 .57296496	.60955686 .60425785 .59880821 .59319974 .58742350	.62464965 .61928083 .61375755 .60807110 .60221186	.64004602 .63461460 .62902566 .62327008 .61733770	.65575018 .65026380 .64461770 .63880245 .63280755	.67176564 .66623227 .66053786 .65467285 .64862659	.66799512 .66242292 .65668928 .65078469 .64469854	.66434057 .65873775 .65297403 .64704008 .64092556	.66080311 .65517783 .64939306 .64343984 .63730824	.65738310 .65174330 .64594627 .63998353 .63384573	.65408013 .64843345 .64263256 .63666954 .63053579
.150	.56710981 .56107404 .55484700 .54841704 .54177148	.58146959 .57532709 .56898388 .56242647 .55563981	.59616911 .58993091 .58348385 .57681275 .56990038	.61121717 .60489573 .59835891 .59159020 .58457057	.62662122 .62023016 .61361920 .60677091 .59966505	.64238712 .63594090 .62927246 .62236403 .61519483	.63841895 .63193246 .62522378 .61827530 .61106657	.63461888 .62810705 .62137531 .61440683 .60718218	.63098726 .62446459 .61772642 .61075713 .60353897	.62752263 .62100285 .61427381 .60732147 .60013019	.62422192 .61771770 .61101193 .60409240 .59694579
.100	.53489656 .52777754 .52039893 .51274501 .50480100	.54860708 .54130952 .53372629 .52583460 .51761022	.56272703 .55526999 .54750301 .53939564 .53091273	.57727785 .56968597 .56176383 .55347386 .54477005	.59227778 .58458067 .57653921 .56811060 .55924048	.60774039 .59997134 .59185180 .58333693 .57436902	.60357353 .59576747 .58761351 .57906847 .57007742	.59967877 .59187001 .58372418 .57520298 .56625945	.59605165 .58827178 .58017232 .57172192 .56288437	.59268249 .58495885 .57693762 .56859508 .55990604	.58955768 .58191259 .57399424 .56578616 .55727282
.050	.49655512 .48800240 .47915072 .47002937 .46069803	.50902907 .50007089 .49072691 .48101410 .47099610	.52201438 .51265763 .50280286 .49243213 .48159106	.53559528 .52587834 .51553230 .50446322 .49262469	.54985760 .53986484 .52912335 .51742395 .50445344	.56487102 .55473462 .54379607 .53177760 .51809481	.56056840 .55044333 .53956196 .52771302 .51458019	.55683534 .54685802 .53623882 .52488192 .51273997	.55361857 .54388028 .53362869 .52284533 .51157724	.55084548 .54139230 .53153744 .52129859 .51074200	.54844189 .53928816 .52981995 .52006811 .51009541
.000	.45125000 .44180197 .43247064 .42334928 .41449760	.46080000 .45060389 .44058590 .43087309 .42152911	.47045000 .45930894 .44846786 .43809713 .42824237	.48020000 .46777531 .45593678 .44486770 .43452166	.49005000 .47564656 .46267605 .45097665 .44023516	.50000000 .48190519 .46822240 .45620393 .44526538	.50000000 .48541981 .47228698 .46043804 .44955667	.50000000 .48726003 .47151808 .46376118 .45314197	.50000000 .48842276 .47715467 .46637131 .45611972	.50000000 .48925800 .47870141 .46846256 .45860770	.50000000 .48990459 .47993189 .47018004 .46071184
.050	.40594488 .39769900 .38975499 .38210107 .37472246	.41257093 .40398978 .39576540 .38787371 .38029048	.41888562 .40998727 .40150435 .39339699 .38563001	.42480471 .41562995 .40692613 .39863617 .39071403	.43024240 .42085952 .41198940 .40356079 .39551933	.43512897 .42563098 .41666307 .40814820 .40002866	.43943160 .42992258 .42093153 .41238649 .40423253	.44316465 .43374055 .42479702 .41627582 .40812999	.44638143 .43711563 .42827808 .41982768 .41172822	.44915452 .44009395 .43140492 .42306238 .41504115	.45155811 .44272718 .43421384 .42600576 .41808741
.100	.36760344 .36072852 .35408296 .34765300 .34142596	.37299292 .36596019 .35917353 .35261612 .34627291	.37817297 .37099962 .36408725 .35741615 .35096909	.38312215 .37582943 .36880980 .36204109 .35550427	.38782222 .38043495 .37332909 .36648080 .35986984	.39225960 .38480516 .37763597 .37072753 .36405910	.39642647 .38893343 .38172470 .37477622 .36806754	.40032123 .39281782 .38559317 .37862469 .37189295	.40394835 .39646103 .38924287 .38227358 .37553541	.40731751 .39986981 .39267853 .38572619 .37899715	.41044232 .40305421 .39590760 .38898807 .38228230
.150	.33539019 .32953504 .32385075 .31832837 .31295970	.34013041 .33417650 .32840026 .32279179 .31734215	.34473089 .33868814 .33282890 .32714245 .32161917	.34918283 .34306230 .33712992 .33137434 .32578540	.35347878 .34729245 .34129755 .33548230 .32983619	.35761288 .35137341 .34532715 .33946214 .33376773	.36158105 .35530146 .34921531 .34331072 .33757708	.36538112 .35907444 .35295992 .34702597 .34126225	.36901274 .36269176 .35656016 .35060694 .34482217	.37247737 .36615427 .36001647 .35405372 .34825670	.37577808 .36946421 .36333045 .35736744 .35156655
.200	.30773720 .30265393 .29770348 .29287991 .28817772	.31204314 .30688730 .30186779 .29697829 .29221299	.31625035 .31102806 .30594509 .30099481 .29617115	.32035398 .31507180 .30993135 .30492577 .30004877	.32434982 .31901467 .31382304 .30876790 .30384282	.32823436 .32285344 .31761715 .31251840 .30755068	.33200488 .32658554 .32131128 .31617500 .31117020	.33565943 .33020911 .32490360 .31973593 .31469967	.33919689 .33372295 .32839291 .32319996 .31813785	.34261690 .33712657 .33177859 .32656641 .32148398	.34591987 .34042014 .33506061 .32983507 .32473775

ra(r,z)

r	1.050	1.060	1.070	1.080	1.090	1.100	1.110	1.120	1.130	1.140	1.150
z											
- .250	.68023671 .67526225 .67016493 .66493939 .65957986	.67708653 .67210072 .66699374 .66176051 .65639557	.67402339 .66903090 .66391929 .65868375 .65331921	.67104661 .66605191 .66094041 .65570767 .65034897	.66815520 .66316249 .65805559 .65283039 .64748258	.66534790 .66036114 .65526300 .65004973 .64471743	.66262320 .65764606 .65256053 .64736321 .64205063	.65997941 .65501527 .64994587 .64476817 .63947906	.65741464 .65246661 .64741654 .64226173 .63699947	.65492689 .64999779 .64496993 .63984094 .63460848	.65251404 .64760641 .64260333 .63750275 .63230267
- .200	.65408012 .64843345 .64263256 .63666954 .63053579	.65089308 .64524678 .63944993 .63349527 .62737500	.64782025 .64218108 .63639558 .63045719 .62435897	.64485935 .63923356 .63346608 .62755110 .62148254	.64200765 .63640091 .63065746 .62477222 .61873996	.63926207 .63367947 .62796537 .62211539 .61612514	.63661919 .63106527 .62538518 .61957523 .61363178	.63407544 .62855415 .62291209 .61714619 .61125352	.63162707 .62614185 .62054122 .61482272 .60898405	.62927025 .62382403 .61826771 .61259934 .60681720	.62700116 .62159640 .61608673 .61047068 .60474702
- .150	.62422192 .61771770 .61101193 .60409240 .59694579	.62108074 .61460344 .60793344 .60106040 .59397340	.61809356 .61165317 .60502965 .59821455 .59119921	.61525406 .60885913 .60229105 .59554314 .58860884	.61255535 .60621303 .59970768 .59303419 .58618788	.60999022 .60370635 .59726946 .59067585 .58392242	.60755133 .60133056 .59496650 .58845667 .58179928	.60523137 .59907729 .59278925 .58636579 .57980620	.60302319 .59693845 .59072861 .58439306 .57793194	.60091989 .59490635 .58877606 .58252907 .57616622	.59891486 .59297373 .58692363 .58076519 .57449975
- .100	.58955768 .58191259 .57399424 .56578616 .55727282	.58666103 .57911167 .57131395 .56325756 .55493462	.58397506 .57653391 .56886853 .56097354 .55284666	.58148205 .57415751 .56663132 .55890184 .55097065	.57916476 .57196192 .56457809 .55701428 .54927463	.57700691 .56992831 .56268727 .55528665 .54773219	.57499347 .56803968 .56093995 .55369838 .54632161	.57311074 .56628090 .55931971 .5523205 .54502500	.57134636 .56463860 .55781233 .55087290 .54382752	.56968925 .56310099 .55640554 .54960845 .54271687	.56812954 .56165775 .55508872 .54842805 .54168272
- .050	.54844189 .53928816 .52981995 .52006811 .51009541	.54634181 .53748360 .52837652 .51905412 .50957054	.54449049 .53591482 .52713933 .51819601 .50913039	.54284397 .53453419 .52606146 .51745485 .50875246	.54136739 .53330593 .52510962 .51680432 .50842209	.54003314 .53220292 .52425958 .51622595 .50812922	.53881926 .53120428 .52349325 .51570627 .50786662	.53770812 .53029370 .52279680 .51523519 .50762898	.53668548 .52945824 .52215950 .51480500 .50741224	.53573968 .52868754 .52157285 .51440963 .50721324	.53486113 .52797313 .52103001 .51404427 .50702949
.000	.50000000 .48990459 .47993189 .47018004 .46071184	.50000000 .49042946 .48094588 .47162348 .46251640	.50000000 .49086961 .48180399 .47286067 .46408518	.50000000 .49124754 .48254515 .47393854 .46546581	.50000000 .49157791 .48319568 .47489038 .46669407	.50000000 .49187078 .48377405 .47574041 .46779708	.50000000 .49213338 .48429373 .47650675 .46879572	.50000000 .49237102 .48476481 .47720320 .46970630	.50000000 .49258776 .48519500 .47784050 .47054176	.50000000 .49278676 .48559037 .47842715 .47131246	.50000000 .49297051 .48595573 .47896999 .47202686
.050	.45155811 .44272718 .43421384 .42600576 .41808741	.45365819 .44506538 .43674244 .42868605 .42088833	.45550951 .44715334 .43902646 .43113147 .42346609	.45715603 .44902935 .44109816 .43336868 .42584249	.45863261 .45072537 .44298572 .43542191 .42803808	.45996686 .45226781 .44471335 .43731273 .43007169	.46118074 .45367839 .44630162 .43906005 .43196032	.46229188 .45497500 .44776795 .44068029 .43371910	.46331452 .45617248 .44912710 .44218767 .43536140	.46426032 .45728313 .45039155 .44359446 .43689901	.46513887 .45831728 .45157195 .44491128 .43834225
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