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TABLE OF ENERGY LEVELS OF ASYMMETRIC EVEN NUCLEI WITH BETA-VIBRATION-ROTATION INTERACTION

by

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Davydov and Chaban[1] have extended the work of Davydov and Filippov[2] on the collective excited states of asymmetric even nuclei by including the beta-vibration-rotation interaction in an exact manner.

We have computed the energy levels predicted by Davydov and Chaban's model so that one can compare the theoretical predictions with experimental results. The energies in units of $\hbar\omega_0$ are given by

$$\frac{E_{K\nu_\ell}(J)}{\hbar\omega_0} = (\nu_\ell + \tfrac{1}{2})\sqrt{1 + \tfrac{3}{2}\left(\frac{\mu}{p}\right)^4 \epsilon_K(J)} + \tfrac{1}{4}\left(\frac{\mu}{p}\right)^2 \epsilon_K(J) + \frac{(p-1)^2}{2\mu^2} \qquad (1)$$

where

μ is the "nonadiabaticity" parameter, which can take values between 0 and 1;

$\epsilon_K(J)$ is the energy in units of $\hbar^2/4B\beta^2$ of the $K^{\underline{th}}$ spin J level of a hydrodynamical asymmetric rotor.[2] It is a function of γ, the "nonaxiality" parameter,[2] which varies between 0° and 30°. Tables of these functions have been computed by Moore _et al_.;[3]

p is a parameter related to μ and $\epsilon_K(J)$ by the relation

$$(p-1)p^3 = \tfrac{1}{2}\,\epsilon_K(J)\,\mu^4, \text{ with } p \geq 1; \qquad (2)$$

ν_ℓ is a quantum number (in general not an integer) which is the $\ell^{\underline{th}}$ root (the first being the smallest one) of the following transcendental equation

$$H_{\nu_\ell}\left(-\frac{p}{\mu_1}\right) \equiv [2\Gamma(-\nu_\ell)]^{-1} \sum_{t=0}^{\infty} \frac{(-1)^t}{t!}\,\Gamma\left(\frac{t-\nu}{2}\right)\left(-2\frac{p}{\mu_1}\right)^t = 0 \qquad (3)$$

$$\text{with } \mu_1 = \left(\frac{\mu^4}{\left[1 + \dfrac{3\epsilon_K(J)\mu^4}{2p^4}\right]}\right)^{1/4}; \qquad (4)$$

and $\Gamma(x)$ is a gamma function.

We have also computed the following ratios of energies

$$R_{K\ell}(J) = \frac{E_{K\nu_\ell}(J) - E_{1\nu_1}(0)}{E_{1\nu_1}(2) - E_{1\nu_1}(0)} \tag{5}$$

because these are the ones that can easily be compared with experimental results.

The computations were carried out with an IBM-650 computer. Given a value of μ and $\epsilon_K(J)$, the values of p and μ_1 were obtained by means of equations (2) and (4), respectively. Then the transcendental equation (3) was solved by computing H_{ν_ℓ} for $(\nu_\ell)_0 = -0.001$ and $(\nu_\ell)_n = (\nu_\ell)_0 + 0.1n$ for $n = 1, 2, \ldots$ until H_{ν_ℓ} changed in sign, and then Newton's method was used to find the root. Each H_{ν_ℓ} function was computed with a number of terms, $t = T_\ell$, such that the term $t = T_\ell + 1$ changed H_{ν_ℓ} by less than 1 part in 10^4. Before starting to ask for this criterion, the function H_{ν_ℓ} was computed with a number of terms, T, such that the contribution to H_{ν_ℓ} of further terms T + 1, T + 2, ... was monotonically decreasing. A value of ν_ℓ was called a "root" when $|H_{\nu_\ell}|$ was less than 10^{-4}. Having found ν_1, which is always such that $\nu_1 \geq 0$, the next root of H_{ν_ℓ} was looked for by starting the same process at $\nu_\ell = \nu_1 + 0.98$ (because $\nu_{\ell+1} \geq \nu_\ell + 1$). This process could be repeated, and so any number of roots can be calculated. During the first calculations we learned that $\nu_n = 0, 1, 2, \ldots$ with an accuracy better than 1 part in 10^4 when $p/\mu_1 \geq 4.5$, so that in these cases the machine was told to make the roots $\nu_\ell \equiv 0, 1, 2, \ldots$. Later on, the value of p/μ_1 was changed to 4.0, because we found out that still at this value the roots were integers with an accuracy of 1 part in 10^4. Having the values of ν_ℓ we computed the energy given by equation (1). Knowing the energies in units of $\hbar\omega_0$, equation (5) was used to compute the ratios $R_{K\ell}(J)$.

The computations were carried out for

$\mu = 1.0, 0.90, \ldots, 0.40, 0.35, \ldots, 0.1$

$\gamma = 8°, 9°, 10°, 12°, 15°, 20°, 25°, 30°$

for the energy levels with $\ell = 1$, 2 and 3 and the following (K,J) values: (1,0), (1,2), (2,2), (1,3), (1,4), (2,4), (1,5), (1,6), (2,6), (1,8), (1,10), (1,12). The machine computation took 150 hours.

Table 1 gives the values of $R_{K\ell}(J)$ as a function of MU $\equiv \mu$ (column 1) and G $\equiv \gamma°$ (column 2). The ratios are identified by two numbers (ℓ,f), the first being the root number ℓ and the second one indicating the (K,J) values of the level with the following correspondence:

f	(K, J)	F	(K, J)
1	(1,0)	7	(1,12)
2	(1,2)	8	(2,2)
3	(1,4)	9	(1,3)
4	(1,6)	10	(2,4)
5	(1,8)	11	(1,5)
6	(1,10)	12	(2,6)

Table 2 gives the values of EP $\equiv \epsilon_K(J)$ (column 3), P $\equiv$ p (column 4), -ZETA $\equiv p/\mu_1$ (column 5), NU$\ell \equiv \nu_\ell$ (columns 6, 7 and 8), T$\ell \equiv T_\ell$ (columns 9, 10 and 11) and E ℓ f $\equiv E_{K\nu_\ell}(J)/\hbar\omega_0$ with the same nomenclature for ℓ and f as in Table 1 as a function of MU $\equiv \mu$ (column 1) and G $\equiv \gamma°$ (column 2).

The following nomenclature is used in both tables

$1.234 \times 10^x \equiv 0.1234\ \ 51 + x$.

Acknowledgements

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References

1. A. S. Davydov and A. A. Chaban, Proceedings of the Conference on Nuclear Structure, Kingston, Canada, (1960) p. 801 University of Toronto Press: Toronto; to be published in Nuclear Physics; private communication.

2. A. S. Davydov and G. F. Filippov, Nuclear Phys., 8, 237 (1958).

3. R. B. Moore and W. White, Can. J. Phys., 38 1149 (1960).

TABLE 1

Values of $R_{K\ell}(J)$ as a function of μ and γ

MU	G	1,1	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	1,10	1,11	1,12
0.00	8	.0000	.1000 51	.3329 51	.6977 51	.1192 52	.1816 52	.2565 52	.2516 52	.2616 52	.2750 52	.2916 52	.3118 52
0.10	8	.0000	.1000 51	.3327 51	.6968 51	.1190 52	.1809 52	.2551 52	.2502 52	.2601 52	.2734 52	.2898 52	.3098 52
0.15	8	.0000	.1000 51	.3320 51	.6929 51	.1178 52	.1781 52	.2496 52	.2450 52	.2544 52	.2671 52	.2828 52	.3018 52
0.20	8	.0000	.1000 51	.3299 51	.6823 51	.1147 52	.1712 52	.2368 52	.2325 52	.2411 52	.2526 52	.2666 52	.2837 52
0.25	8	.0000	.1000 51	.3253 51	.6610 51	.1089 52	.1596 52	.2166 52	.2129 52	.2203 52	.2301 52	.2421 52	.2566 52
0.30	8	.0000	.1000 51	.3180 51	.6295 51	.1012 52	.1451 52	.1932 52	.1902 52	.1964 52	.2045 52	.2145 52	.2264 52
0.35	8	.0000	.1000 51	.3078 51	.5907 51	.9264 51	.1300 52	.1703 52	.1678 52	.1729 52	.1797 52	.1879 52	.1978 52
0.40	8	.0000	.1000 51	.2962 51	.5513 51	.8448 51	.1165 52	.1506 52	.1485 52	.1528 52	.1585 52	.1654 52	.1736 52
0.50	8	.0000	.1000 51	.2752 51	.4872 51	.7214 51	.9705 51	.1230 52	.1214 52	.1247 52	.1289 52	.1342 52	.1404 52
0.60	8	.0000	.1000 51	.2597 51	.4449 51	.6444 51	.8536 51	.1069 52	.1056 52	.1083 52	.1118 52	.1161 52	.1212 52
0.70	8	.0000	.1000 51	.2491 51	.4177 51	.5967 51	.7824 51	.9727 51	.9610 51	.9847 51	.1015 52	.1053 52	.1098 52
0.80	8	.0000	.1000 51	.2417 51	.3994 51	.5651 51	.7359 51	.9100 51	.8993 51	.9210 51	.9494 51	.9838 51	.1024 52
0.90	8	.0000	.1000 51	.2363 51	.3865 51	.5432 51	.7038 51	.8671 51	.8570 51	.8773 51	.9039 51	.9361 51	.9742 51
1.00	8	.0000	.1000 51	.2323 51	.3770 51	.5272 51	.6805 51	.8360 51	.8265 51	.8457 51	.8710 51	.9016 51	.9379 51
0.00	9	.0000	.1000 51	.3326 51	.6963 51	.1188 52	.1805 52	.2544 52	.1978 52	.2078 52	.2212 52	.2378 52	.2582 52
0.10	9	.0000	.1000 51	.3324 51	.6953 51	.1185 52	.1799 52	.2530 52	.1970 52	.2069 52	.2202 52	.2366 52	.2568 52
0.15	9	.0000	.1000 51	.3317 51	.6915 51	.1173 52	.1771 52	.2476 52	.1936 52	.2032 52	.2160 52	.2318 52	.2512 52
0.20	9	.0000	.1000 51	.3296 51	.6808 51	.1142 52	.1702 52	.2348 52	.1855 52	.1943 52	.2061 52	.2205 52	.2380 52
0.25	9	.0000	.1000 51	.3250 51	.6594 51	.1085 52	.1586 52	.2148 52	.1720 52	.1797 52	.1900 52	.2024 52	.2176 52
0.30	9	.0000	.1000 51	.3176 51	.6279 51	.1008 52	.1442 52	.1916 52	.1556 52	.1622 52	.1708 52	.1813 52	.1940 52
0.35	9	.0000	.1000 51	.3074 51	.5891 51	.9222 51	.1292 52	.1689 52	.1388 52	.1443 52	.1516 52	.1603 52	.1709 52
0.40	9	.0000	.1000 51	.2958 51	.5497 51	.8410 51	.1158 52	.1494 52	.1240 52	.1286 52	.1348 52	.1422 52	.1510 52
0.50	9	.0000	.1000 51	.2747 51	.4858 51	.7182 51	.9648 51	.1221 52	.1027 52	.1063 52	.1110 52	.1166 52	.1233 52
0.60	9	.0000	.1000 51	.2593 51	.4436 51	.6418 51	.8488 51	.1061 52	.9012 51	.9308 51	.9696 51	.1016 52	.1071 52
0.70	9	.0000	.1000 51	.2488 51	.4167 51	.5944 51	.7782 51	.9660 51	.8246 51	.8507 51	.8849 51	.9260 51	.9749 51
0.80	9	.0000	.1000 51	.2414 51	.3984 51	.5630 51	.7322 51	.9041 51	.7747 51	.7986 51	.8299 51	.8675 51	.9122 51
0.90	9	.0000	.1000 51	.2361 51	.3856 51	.5413 51	.7004 51	.8616 51	.7403 51	.7627 51	.7921 51	.8273 51	.8692 51
1.00	9	.0000	.1000 51	.2321 51	.3762 51	.5254 51	.6773 51	.8309 51	.7154 51	.7368 51	.7647 51	.7983 51	.8381 51
0.00	10	.0000	.1000 51	.3322 51	.6943 51	.1182 52	.1791 52	.2515 52	.1593 52	.1693 52	.1828 52	.1993 52	.2199 52
0.10	10	.0000	.1000 51	.3320 51	.6933 51	.1179 52	.1784 52	.2502 52	.1588 52	.1687 52	.1821 52	.1985 52	.2189 52
0.15	10	.0000	.1000 51	.3313 51	.6894 51	.1167 52	.1756 52	.2448 52	.1566 52	.1663 52	.1792 52	.1951 52	.2148 52
0.20	10	.0000	.1000 51	.3292 51	.6787 51	.1136 52	.1688 52	.2322 52	.1511 52	.1601 52	.1721 52	.1868 52	.2048 52
0.25	10	.0000	.1000 51	.3246 51	.6572 51	.1079 52	.1573 52	.2124 52	.1416 52	.1496 52	.1602 52	.1730 52	.1888 52
0.30	10	.0000	.1000 51	.3172 51	.6257 51	.1002 52	.1430 52	.1895 52	.1295 52	.1364 52	.1455 52	.1564 52	.1697 52
0.35	10	.0000	.1000 51	.3068 51	.5869 51	.9168 51	.1281 52	.1671 52	.1167 52	.1225 52	.1302 52	.1394 52	.1506 52
0.40	10	.0000	.1000 51	.2952 51	.5476 51	.8361 51	.1148 52	.1478 52	.1051 52	.1101 52	.1166 52	.1244 52	.1339 52
0.50	10	.0000	.1000 51	.2742 51	.4840 51	.7141 51	.9572 51	.1208 52	.8823 51	.9206 51	.9710 51	.1030 52	.1103 52
0.60	10	.0000	.1000 51	.2588 51	.4421 51	.6383 51	.8425 51	.1051 52	.7798 51	.8119 51	.8540 51	.9039 51	.9639 51
0.70	10	.0000	.1000 51	.2484 51	.4153 51	.5913 51	.7728 51	.9573 51	.7172 51	.7457 51	.7830 51	.8271 51	.8800 51
0.80	10	.0000	.1000 51	.2410 51	.3972 51	.5603 51	.7272 51	.8962 51	.6762 51	.7024 51	.7366 51	.7770 51	.8255 51
0.90	10	.0000	.1000 51	.2357 51	.3845 51	.5387 51	.6958 51	.8543 51	.6479 51	.6725 51	.7046 51	.7426 51	.7881 51
1.00	10	.0000	.1000 51	.2317 51	.3751 51	.5230 51	.6731 51	.8240 51	.6273 51	.6508 51	.6814 51	.7177 51	.7610 51
0.00	12	.0000	.1000 51	.3310 51	.6877 51	.1162 52	.1746 52	.2433 52	.1093 52	.1193 52	.1329 52	.1493 52	.1706 52
0.10	12	.0000	.1000 51	.3308 51	.6868 51	.1159 52	.1740 52	.2420 52	.1090 52	.1190 52	.1325 52	.1488 52	.1700 52
0.15	12	.0000	.1000 51	.3301 51	.6828 51	.1147 52	.1713 52	.2369 52	.1080 52	.1177 52	.1310 52	.1468 52	.1674 52
0.20	12	.0000	.1000 51	.3279 51	.6721 51	.1116 52	.1646 52	.2247 52	.1053 52	.1145 52	.1270 52	.1419 52	.1610 52
0.25	12	.0000	.1000 51	.3232 51	.6506 51	.1060 52	.1534 52	.2057 52	.1002 52	.1086 52	.1199 52	.1332 52	.1502 52
0.30	12	.0000	.1000 51	.3157 51	.6191 51	.9850 51	.1395 52	.1837 52	.9339 51	.1007 52	.1106 52	.1221 52	.1367 52
0.35	12	.0000	.1000 51	.3054 51	.5806 51	.9008 51	.1250 52	.1621 52	.8566 51	.9204 51	.1005 52	.1103 52	.1227 52
0.40	12	.0000	.1000 51	.2937 51	.5416 51	.8217 51	.1121 52	.1435 52	.7834 51	.8386 51	.9117 51	.9963 51	.1102 52
0.50	12	.0000	.1000 51	.2728 51	.4788 51	.7024 51	.9359 51	.1175 52	.6722 51	.7157 51	.7729 51	.8389 51	.9209 51
0.60	12	.0000	.1000 51	.2575 51	.4376 51	.6284 51	.8248 51	.1024 52	.6028 51	.6397 51	.6880 51	.7435 51	.8122 51
0.70	12	.0000	.1000 51	.2472 51	.4113 51	.5826 51	.7573 51	.9334 51	.5598 51	.5927 51	.6358 51	.6851 51	.7461 51
0.80	12	.0000	.1000 51	.2400 51	.3936 51	.5524 51	.7132 51	.8747 51	.5313 51	.5617 51	.6014 51	.6469 51	.7030 51
0.90	12	.0000	.1000 51	.2348 51	.3811 51	.5314 51	.6828 51	.8343 51	.5115 51	.5402 51	.5776 51	.6204 51	.6732 51
1.00	12	.0000	.1000 51	.2309 51	.3720 51	.5161 51	.6608 51	.8052 51	.4970 51	.5245 51	.5603 51	.60 2 51	.6516 51
0.00	15	.0000	.1000 51	.3272 51	.6687 51	.1109 52	.1642 52	.2264 52	.6854 51	.7854 51	.9268 51	.1085 52	.1319 52
0.10	15	.0000	.1000 51	.3271 51	.6678 51	.1107 52	.1636 52	.2252 52	.6844 51	.7841 51	.9250 51	.1082 52	.1315 52
0.15	15	.0000	.1000 51	.3263 51	.6639 51	.1095 52	.1611 52	.2205 52	.6803 51	.7786 51	.9172 51	.1072 52	.1299 52
0.20	15	.0000	.1000 51	.3241 51	.6533 51	.1066 52	.1549 52	.2095 52	.6691 51	.7638 51	.8966 51	.1044 52	.1258 52
0.25	15	.0000	.1000 51	.3194 51	.6322 51	.1013 52	.1445 52	.1920 52	.6471 51	.7352 51	.8578 51	.9925 51	.1185 52
0.30	15	.0000	.1000 51	.3118 51	.6014 51	.9413 51	.1315 52	.1718 52	.6149 51	.6945 51	.8041 51	.9232 51	.1092 52
0.35	15	.0000	.1000 51	.3014 51	.5640 51	.8615 51	.1181 52	.1519 52	.5759 51	.6464 51	.7424 51	.8459 51	.9914 51
0.40	15	.0000	.1000 51	.2898 51	.5263 51	.7867 51	.1061 52	.1348 52	.5369 51	.5990 51	.6832 51	.7732 51	.8988 51
0.50	15	.0000	.1000 51	.2692 51	.4658 51	.6741 51	.8887 51	.1108 52	.4744 51	.5247 51	.5920 51	.6634 51	.7621 51
0.60	15	.0000	.1000 51	.2543 51	.4264 51	.6045 51	.7854 51	.9688 51	.4338 51	.4770 51	.5347 51	.5954 51	.6789 51
0.70	15	.0000	.1000 51	.2443 51	.4013 51	.5615 51	.7226 51	.8850 51	.4080 51	.4470 51	.4989 51	.5534 51	.6279 51
0.80	15	.0000	.1000 51	.2373 51	.3844 51	.5331 51	.6817 51	.8308 51	.3907 51	.4270 51	.4751 51	.5256 51	.5945 51
0.90	15	.0000	.1000 51	.2323 51	.3726 51	.5134 51	.6535 51	.7936 51	.3785 51	.4130 51	.4586 51	.5063 51	.5713 51
1.00	15	.0000	.1000 51	.2285 51	.3639 51	.4990 51	.6331 51	.7667 51	.3696 51	.4027 51	.4465 51	.4922 51	.5545 51
0.00	20	.0000	.1000 51	.3117 51	.6069 51	.9786 51	.1429 52	.1961 52	.3732 51	.4732 51	.6361 51	.7732 51	.1075 52
0.10	20	.0000	.1000 51	.3115 51	.6060 51	.9764 51	.1424 52	.1951 52	.3729 51	.4727 51	.6352 51	.7718 51	.1072 52
0.15	20	.0000	.1000 51	.3108 51	.6025 51	.9668 51	.1403 52	.1912 52	.3717 51	.4707 51	.6313 51	.7659 51	.1060 52
0.20	20	.0000	.1000 51	.3086 51	.5931 51	.9418 51	.1352 52	.1820 52	.3684 51	.4651 51	.6209 51	.7503 51	.1030 52
0.25	20	.0000	.1000 51	.3041 51	.5743 51	.8962 51	.1264 52	.1674 52	.3616 51	.4537 51	.6003 51	.7206 51	.9768 51
0.30	20	.0000	.1000 51	.2968 51	.5470 51	.8348 51	.1155 52	.1503 52	.3508 51	.4365 51	.5706 51	.6789 51	.9056 51
0.35	20	.0000	.1000 51	.2869 51	.5138 51	.7665 51	.1041 52	.1334 52	.3367 51	.4147 51	.5348 51	.6305 51	.8277 51
0.40	20	.0000	.1000 51	.2760 51	.4807 51	.7025 51	.9394 51	.1189 52	.3216 51	.3921 51	.4993 51	.5837 51	.7556 51
0.50	20	.0000	.1000 51	.2568 51	.4277 51	.6062 51	.7924 51	.9856 51	.2956 51	.3547 51	.4429 51	.5112 51	.6483 51
0.60	20	.0000	.1000 51	.2432 51	.3933 51	.5468 51	.7047 51	.8668 51	.2777 51	.3297 51	.4065 51	.4655 51	.5827 51
0.70	20	.0000	.1000 51	.2342 51	.3716 51	.5102 51	.6514 51	.7957 51	.2659 51	.3136 51	.3835 51	.4369 51	.5423 51
0.80	20	.0000	.1000 51	.2279 51	.3570 51	.4860 51	.6167 51	.7496 51	.2579 51	.3027 51	.3681 51	.4179 51	.5158 51
0.90	20	.0000	.1000 51	.2234 51	.3467 51	.4692 51	.5928 51	.7180 51	.2521 51	.2950 51	.3574 51	.4047 51	.4975 51
1.00	20	.0000	.1000 51	.2201 51	.3392 51	.4570 51	.5755 51	.6951 51	.2479 51	.2893 51	.3495 51	.3950 51	.4841 51
0.00	25	.0000	.1000 51	.2836 51	.5342 51	.8552 51	.1247 52	.1710 52	.2407 51	.3407 51	.5512 51	.6407 51	.1025 52
0.10	25	.0000	.1000 51	.2834 51	.5335 51	.8533 51	.1243 52	.1702 52	.2406 51	.3405 51	.5505 51	.6397 51	.1022 52
0.15	25	.0000	.1000 51	.2827 51	.5305 51	.8453 51	.1225 52	.1669 52	.2402 51	.3394 51	.5473 51	.6353 51	.1011 52
0.20	25	.0000	.1000 51	.2809 51	.5226 51	.8243 51	.1182 52	.1591 52	.2390 51	.3365 51	.5388 51	.6237 51	.9812 51
0.25	25	.0000	.1000 51	.2768 51	.5068 51	.7859 51	.1108 52	.1467 52	.2363 51	.3304 51	.5220 51	.6012 51	.9281 51
0.30	25	.0000	.1000 51	.2705 51	.4837 51	.7340 51	.1015 52	.1321 52	.2320 51	.3209 51	.4976 51	.5693 51	.8590 51
0.35	25	.0000	.1000 51	.2619 51	.4559 51	.6764 51	.9184 51	.1177 52	.2260 51	.3084 51	.4683 51	.5320 51	.7846 51
0.40	25	.0000	.1000 51	.2526 51	.4281 51	.6225 51	.8319 51	.1053 52	.2194 51	.2952 51	.4391 51	.4956 51	.7165 51
0.50	25	.0000	.1000 51	.2363 51	.3837 51	.5413 51	.7072 51	.8797 51	.2075 51	.2727 51	.3928 51	.4390 51	.6162 51
0.60	25	.0000	.1000 51	.2248 51	.3550 51	.4914 51	.6329 51	.7786 51	.1989 51	.2573 51	.3630 51	.4031 51	.5555 51
0.70	25	.0000	.1000 51	.2172 51	.3369 51	.4606 51	.5878 51	.7180 51	.1932 51	.2473 51	.3441 51	.3807 51	.5184 51
0.80	25	.0000	.1000 51	.2120 51	.3248 51	.4403 51	.5584 51	.6788 51	.1892 51	.2405 51	.3316 51	.3658 51	.4940 51
0.90	25	.0000	.1000 51	.2083 51	.3163 51	.4263 51	.5382 51	.6519 51	.1863 51	.2356 51	.3227 51	.3553 51	.4772 51
1.00	25	.0000	.1000 51	.2055 51	.3100 51	.4160 51	.5235 51	.6324 51	.1841 51	.2320 51	.3163 51	.3477 51	.4650 51
0.00	30	.0000	.1000 51	.2666 51	.5000 51	.8000 51	.1166 52	.1600 52	.2000 51	.3000 51	.5666 51	.6000 51	.1000 52
0.10	30	.0000	.1000 51	.2665 51	.4993 51	.7982 51	.1162 52	.1592 52	.1999 51	.2998 51	.5658 51	.5990 51	.9971 51
0.15	30	.0000	.1000 51	.2659 51	.4966 51	.7908 51	.1146 52	.1562 52	.1996 51	.2989 51	.5623 51	.5950 51	.9854 51
0.20	30	.0000	.1000 51	.2642 51	.4893 51	.7715 51	.1106 52	.1490 52	.1988 51	.2967 51	.5527 51	.5843 51	.9555 51
0.25	30	.0000	.1000 51	.2606 51	.4750 51	.7362 51	.1038 52	.1375 52	.1971 51	.2919 51	.5343 51	.5637 51	.9030 51
0.30	30	.0000	.1000 51	.2548 51	.4539 51	.6886 51	.9522 51	.1240 52	.1944 51	.2844 51	.5078 51	.5344 51	.8350 51
0.35	30	.0000	.1000 51	.2471 51	.4285 51	.6356 51	.8631 51	.1106 52	.1905 51	.2745 51	.4766 51	.5002 51	.7625 51
0.40	30	.0000	.1000 51	.2387 51	.4032 51	.5861 51	.7834 51	.9922 51	.1861 51	.2639 51	.4460 51	.4669 51	.6965 51
0.50	30	.0000	.1000 51	.2241 51	.3628 51	.5117 51	.6685 51	.8317 51	.1782 51	.2458 51	.3981 51	.4152 51	.5999 51
0.60	30	.0000	.1000 51	.2139 51	.3368 51	.4660 51	.6002 51	.7384 51	.1723 51	.2333 51	.3676 51	.3825 51	.5416 51
0.70	30	.0000	.1000 51	.2071 51	.3203 51	.4378 51	.5587 51	.6825 51	.1683 51	.2252 51	.3484 51	.3620 51	.5061 51
0.80	30	.0000	.1000 51	.2025 51	.3093 51	.4192 51	.5317 51	.6463 51	.1656 51	.2196 51	.3357 51	.3484 51	.4828 51
0.90	30	.0000	.1000 51	.1992 51	.3016 51	.4064 51	.5131 51	.6215 51	.1636 51	.2156 51	.3268 51	.3390 51	.4667 51
1.00	30	.0000	.1000 51	.1967 51	.2959 51	.3970 51	.4996 51	.6035 51	.1620 51	.2126 51	.3203 51	.3320 51	.4551 51

MU	G	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	2,10	2,11	2,12
0.10	8	.9477 52	.9580 52	.9820 52	.1019 53	.1070 53	.1133 53	.1210 53	.1205 53	.1215 53	.1229 53	.1245 53	.1266 53
0.15	8	.4139 52	.4246 52	.4493 52	.4876 52	.5391 52	.6030 52	.6785 52	.6736 52	.6836 52	.6970 52	.7135 52	.7335 52
0.20	8	.2277 52	.2388 52	.2643 52	.3031 52	.3539 52	.4153 52	.4858 52	.4812 52	.4904 52	.5027 52	.5178 52	.5360 52
0.25	8	.1420 52	.1537 52	.1797 52	.2178 52	.2656 52	.3211 52	.3829 52	.3789 52	.3869 52	.3974 52	.4103 52	.4257 52
0.30	8	.9640 51	.1086 52	.1346 52	.1706 52	.2136 52	.2618 52	.3137 52	.3105 52	.3171 52	.3258 52	.3364 52	.3492 52
0.35	8	.6982 51	.8250 51	.1077 52	.1406 52	.1782 52	.2191 52	.2623 52	.2596 52	.2651 52	.2723 52	.2810 52	.2914 52
0.40	8	.5394 51	.6676 51	.9069 51	.1202 52	.1529 52	.1876 52	.2239 52	.2217 52	.2262 52	.2322 52	.2395 52	.2481 52
0.50	8	.3828 51	.5094 51	.7167 51	.9568 51	.1213 52	.1479 52	.1752 52	.1735 52	.1770 52	.1814 52	.1869 52	.1933 52
0.60	8	.3160 51	.4407 51	.6216 51	.8261 51	.1041 52	.1262 52	.1487 52	.1473 52	.1501 52	.1538 52	.1582 52	.1635 52
0.70	8	.2820 51	.4063 51	.5683 51	.7505 51	.9410 51	.1135 52	.1332 52	.1320 52	.1345 52	.1377 52	.1415 52	.1462 52
0.80	8	.2620 51	.3866 51	.5350 51	.7025 51	.8772 51	.1054 52	.1234 52	.1223 52	.1245 52	.1274 52	.1310 52	.1352 52
0.90	8	.2490 51	.3743 51	.5126 51	.6699 51	.8338 51	.1000 52	.1167 52	.1157 52	.1178 52	.1205 52	.1238 52	.1277 52
1.00	8	.2401 51	.3659 51	.4966 51	.6465 51	.8026 51	.9609 51	.1120 52	.1110 52	.1130 52	.1155 52	.1187 52	.1224 52
0.10	9	.9379 52	.9482 52	.9722 52	.1009 53	.1060 53	.1123 53	.1198 53	.1140 53	.1150 53	.1164 53	.1181 53	.1202 53
0.15	9	.4097 52	.4203 52	.4450 52	.4832 52	.5344 52	.5977 52	.6721 52	.6152 52	.6253 52	.6388 52	.6555 52	.6759 52
0.20	9	.2254 52	.2365 52	.2619 52	.3006 52	.3511 52	.4118 52	.4813 52	.4283 52	.4378 52	.4505 52	.4659 52	.4848 52
0.25	9	.1406 52	.1522 52	.1782 52	.2161 52	.2636 52	.3186 52	.3794 52	.3332 52	.3416 52	.3526 52	.3661 52	.3824 52
0.30	9	.9543 51	.1076 52	.1336 52	.1694 52	.2121 52	.2597 52	.3110 52	.2722 52	.2792 52	.2886 52	.2999 52	.3134 52
0.35	9	.6913 51	.8181 51	.1070 52	.1397 52	.1770 52	.2174 52	.2600 52	.2278 52	.2337 52	.2415 52	.2509 52	.2621 52
0.40	9	.5342 51	.6624 51	.9010 51	.1194 52	.1519 52	.1862 52	.2220 52	.1950 52	.2000 52	.2065 52	.2143 52	.2237 52
0.50	9	.3793 51	.5059 51	.7126 51	.9515 51	.1205 52	.1469 52	.1738 52	.1535 52	.1573 52	.1622 52	.1681 52	.1751 52
0.60	9	.3132 51	.4379 51	.6183 51	.8218 51	.1035 52	.1254 52	.1475 52	.1308 52	.1339 52	.1380 52	.1428 52	.1486 52
0.70	9	.2797 51	.4038 51	.5655 51	.7469 51	.9360 51	.1128 52	.1323 52	.1176 52	.1203 52	.1239 52	.1281 52	.1332 52
0.80	9	.2599 51	.3844 51	.5324 51	.6993 51	.8727 51	.1048 52	.1226 52	.1092 52	.1117 52	.1149 52	.1188 52	.1234 52
0.90	9	.2471 51	.3722 51	.5103 51	.6669 51	.8297 51	.9945 51	.1160 52	.1035 52	.1058 52	.1088 52	.1125 52	.1167 52
1.00	9	.2383 51	.3639 51	.4945 51	.6438 51	.7989 51	.9556 51	.1112 52	.9947 51	.1016 52	.1045 52	.1079 52	.1120 52
0.10	10	.9272 52	.9375 52	.9614 52	.9986 52	.1048 53	.1110 53	.1184 53	.1090 53	.1100 53	.1114 53	.1131 53	.1152 53
0.15	10	.4050 52	.4156 52	.4403 52	.4783 52	.5290 52	.5914 52	.6645 52	.5713 52	.5815 52	.5952 52	.6120 52	.6328 52
0.20	10	.2228 52	.2339 52	.2593 52	.2978 52	.3478 52	.4077 52	.4759 52	.3885 52	.3983 52	.4113 52	.4270 52	.4465 52
0.25	10	.1390 52	.1507 52	.1766 52	.2143 52	.2613 52	.3155 52	.3751 52	.2984 52	.3071 52	.3187 52	.3326 52	.3497 52
0.30	10	.9436 51	.1065 52	.1324 52	.1681 52	.2104 52	.2573 52	.3075 52	.2426 52	.2501 52	.2600 52	.2718 52	.2862 52
0.35	10	.6837 51	.8104 51	.1061 52	.1387 52	.1756 52	.2154 52	.2572 52	.2031 52	.2094 52	.2177 52	.2276 52	.2396 52
0.40	10	.5284 51	.6566 51	.8945 51	.1186 52	.1507 52	.1846 52	.2196 52	.1741 52	.1795 52	.1865 52	.1948 52	.2049 52
0.50	10	.3755 51	.5020 51	.7080 51	.9453 51	.1196 52	.1456 52	.1721 52	.1377 52	.1417 52	.1471 52	.1534 52	.1610 52
0.60	10	.3102 51	.4348 51	.6146 51	.8169 51	.1028 52	.1243 52	.1461 52	.1178 52	.1211 52	.1255 52	.1308 52	.1370 52
0.70	10	.2771 51	.4011 51	.5623 51	.7427 51	.9300 51	.1120 52	.1311 52	.1062 52	.1091 52	.1130 52	.1176 52	.1231 52
0.80	10	.2576 51	.3819 51	.5296 51	.6955 51	.8674 51	.1041 52	.1215 52	.9882 51	.1015 52	.1050 52	.1092 52	.1142 52
0.90	10	.2450 51	.3698 51	.5076 51	.6635 51	.8248 51	.9875 51	.1150 52	.9380 51	.9634 51	.9966 51	.1035 52	.1082 52
1.00	10	.2363 51	.3617 51	.4920 51	.6406 51	.7943 51	.9491 51	.1103 52	.9020 51	.9262 51	.9577 51	.9949 51	.1039 52
0.10	12	.9028 52	.9131 52	.9369 52	.9735 52	.1022 53	.1081 53	.1151 53	.1015 53	.1025 53	.1039 53	.1056 53	.1077 53
0.15	12	.3943 52	.4050 52	.4295 52	.4670 52	.5163 52	.5762 52	.6454 52	.5092 52	.5195 52	.5335 52	.5503 52	.5721 52
0.20	12	.2169 52	.2281 52	.2533 52	.2912 52	.3398 52	.3972 52	.4619 52	.3328 52	.3429 52	.3565 52	.3726 52	.3934 52
0.25	12	.1354 52	.1470 52	.1728 52	.2099 52	.2556 52	.3075 52	.3641 52	.2491 52	.2584 52	.2708 52	.2855 52	.3040 52
0.30	12	.9193 51	.1041 52	.1298 52	.1648 52	.2059 52	.2508 52	.2985 52	.2002 52	.2084 52	.2193 52	.2319 52	.2479 52
0.35	12	.6665 51	.7931 51	.1042 52	.1361 52	.1720 52	.2101 52	.2498 52	.1671 52	.1741 52	.1834 52	.1942 52	.2077 52
0.40	12	.5154 51	.6436 51	.8793 51	.1165 52	.1476 52	.1802 52	.2135 52	.1434 52	.1495 52	.1575 52	.1666 52	.1781 52
0.50	12	.3667 51	.4931 51	.6972 51	.9301 51	.1174 52	.1423 52	.1675 52	.1141 52	.1188 52	.1250 52	.1320 52	.1407 52
0.60	12	.3034 51	.4278 51	.6060 51	.8047 51	.1010 52	.1217 52	.1425 52	.9827 51	.1022 52	.1073 52	.1131 52	.1204 52
0.70	12	.2713 51	.3950 51	.5549 51	.7322 51	.9144 51	.1097 52	.1279 52	.8902 51	.9249 51	.9702 51	.1021 52	.1085 52
0.80	12	.2524 51	.3763 51	.5229 51	.6862 51	.8534 51	.1020 52	.1187 52	.8313 51	.8631 51	.9046 51	.9519 51	.1010 52
0.90	12	.2402 51	.3645 51	.5015 51	.6549 51	.8120 51	.9688 51	.1124 52	.7913 51	.8211 51	.8601 51	.9044 51	.9589 51
1.00	12	.2318 51	.3566 51	.4862 51	.6325 51	.7823 51	.9316 51	.1079 52	.7626 51	.7910 51	.8281 51	.8703 51	.9721 51
0.10	15	.8599 52	.8702 52	.8936 52	.9287 52	.9739 52	.1028 53	.1091 53	.9304 52	.9407 52	.9552 52	.9714 52	.9953 52
0.15	15	.3756 52	.3863 52	.4104 52	.4462 52	.4921 52	.5466 52	.6094 52	.4480 52	.4584 52	.4731 52	.4895 52	.5136 52
0.20	15	.2067 52	.2178 52	.2426 52	.2788 52	.3240 52	.3764 52	.4351 52	.2806 52	.2910 52	.3055 52	.3215 52	.3448 52
0.25	15	.1290 52	.1407 52	.1659 52	.2014 52	.2438 52	.2912 52	.3427 52	.2031 52	.2129 52	.2266 52	.2415 52	.2628 52
0.30	15	.8766 51	.9989 51	.1251 52	.1584 52	.1965 52	.2376 52	.2811 52	.1600 52	.1690 52	.1813 52	.1945 52	.2132 52
0.35	15	.6361 51	.7627 51	.1006 52	.1310 52	.1643 52	.1993 52	.2355 52	.1324 52	.1404 52	.1511 52	.1626 52	.1786 52
0.40	15	.4925 51	.6206 51	.8511 51	.1123 52	.1413 52	.1710 52	.2016 52	.1135 52	.1205 52	.1299 52	.1398 52	.1535 52
0.50	15	.3514 51	.4775 51	.6770 51	.8989 51	.1126 52	.1355 52	.1586 52	.9085 51	.9638 51	.1037 52	.1114 52	.1220 52
0.60	15	.2914 51	.4154 51	.5898 51	.7794 51	.9710 51	.1162 52	.1353 52	.7875 51	.8343 51	.8964 51	.9613 51	.1050 52
0.70	15	.2610 51	.3842 51	.5409 51	.7104 51	.8807 51	.1049 52	.1217 52	.7176 51	.7593 51	.8145 51	.8721 51	.9505 51
0.80	15	.2432 51	.3664 51	.5103 51	.6666 51	.8232 51	.9779 51	.1131 52	.6732 51	.7116 51	.7624 51	.8153 51	.8873 51
0.90	15	.2317 51	.3552 51	.4898 51	.6369 51	.7841 51	.9293 51	.1073 52	.6432 51	.6793 51	.7270 51	.7767 51	.8443 51
1.00	15	.2238 51	.3476 51	.4752 51	.6156 51	.7561 51	.8944 51	.1031 52	.6216 51	.6561 51	.7016 51	.7491 51	.8135 51
0.10	20	.7772 52	.7875 52	.8093 52	.8396 52	.8777 52	.9238 52	.9780 52	.8156 52	.8258 52	.8426 52	.8566 52	.8875 52
0.15	20	.3395 52	.3502 52	.3726 52	.4036 52	.4422 52	.4885 52	.5423 52	.3791 52	.3896 52	.4067 52	.4209 52	.4522 52
0.20	20	.1869 52	.1980 52	.2211 52	.2524 52	.2905 52	.3350 52	.3855 52	.2277 52	.2383 52	.2554 52	.2696 52	.3002 52
0.25	20	.1167 52	.1284 52	.1519 52	.1825 52	.2183 52	.2588 52	.3033 52	.1584 52	.1689 52	.1854 52	.1988 52	.2272 52
0.30	20	.7942 51	.9164 51	.1150 52	.1438 52	.1761 52	.2112 52	.2489 52	.1213 52	.1312 52	.1465 52	.1587 52	.1839 52
0.35	20	.5775 51	.7038 51	.9297 51	.1192 52	.1475 52	.1775 52	.2090 52	.9883 51	.1078 52	.1216 52	.1323 52	.1542 52
0.40	20	.4483 51	.5761 51	.7890 51	.1024 52	.1271 52	.1528 52	.1794 52	.8424 51	.9239 51	.1045 52	.1140 52	.1329 52
0.50	20	.3216 51	.4473 51	.6317 51	.8242 51	.1019 52	.1218 52	.1422 52	.6760 51	.7428 51	.8411 51	.9162 51	.1064 52
0.60	20	.2680 51	.3913 51	.5529 51	.7182 51	.8833 51	.1050 52	.1219 52	.5912 51	.6486 51	.7325 51	.7962 51	.9215 51
0.70	20	.2410 51	.3631 51	.5088 51	.6571 51	.8044 51	.9525 51	.1102 52	.5432 51	.5947 51	.6699 51	.7268 51	.8383 51
0.80	20	.2252 51	.3469 51	.4812 51	.6183 51	.7543 51	.8904 51	.1027 52	.5131 51	.5607 51	.6302 51	.6827 51	.7855 51
0.90	20	.2151 51	.3368 51	.4628 51	.5921 51	.7202 51	.8483 51	.9770 51	.4928 51	.5378 51	.6033 51	.6529 51	.7496 51
1.00	20	.2081 51	.3299 51	.4496 51	.5733 51	.6958 51	.8180 51	.9407 51	.4783 51	.5213 51	.5840 51	.6314 51	.7238 51
0.10	25	.6963 52	.7066 52	.7255 52	.7512 52	.7841 52	.8242 52	.8715 52	.7211 52	.7313 52	.7529 52	.7621 52	.8016 52
0.15	25	.3042 52	.3149 52	.3343 52	.3606 52	.3940 52	.4343 52	.4813 52	.3298 52	.3403 52	.3624 52	.3718 52	.4116 52
0.20	25	.1675 52	.1786 52	.1986 52	.2252 52	.2582 52	.2971 52	.3412 52	.1940 52	.2048 52	.2270 52	.2363 52	.2753 52
0.25	25	.1047 52	.1164 52	.1367 52	.1628 52	.1939 52	.2293 52	.2683 52	.1321 52	.1428 52	.1645 52	.1733 52	.2096 52
0.30	25	.7137 51	.8357 51	.1038 52	.1283 52	.1564 52	.1873 52	.2205 52	.9928 51	.1096 52	.1299 52	.1380 52	.1702 52
0.35	25	.5202 51	.6462 51	.8416 51	.1065 52	.1313 52	.1577 52	.1856 52	.7991 51	.8962 51	.1080 52	.1151 52	.1432 52
0.40	25	.4050 51	.5324 51	.7167 51	.9187 51	.1135 52	.1362 52	.1599 52	.6774 51	.7665 51	.9312 51	.9946 51	.1237 52
0.50	25	.2923 51	.4176 51	.5775 51	.7436 51	.9161 51	.1093 52	.1275 52	.5443 51	.6191 51	.7537 51	.8046 51	.9967 51
0.60	25	.2449 51	.3675 51	.5081 51	.6515 51	.7984 51	.9482 51	.1100 52	.4792 51	.5442 51	.6602 51	.7037 51	.8665 51
0.70	25	.2211 51	.3422 51	.4694 51	.5986 51	.7302 51	.8637 51	.9989 51	.4433 51	.5020 51	.6064 51	.6454 51	.7910 51
0.80	25	.2073 51	.3276 51	.4453 51	.5651 51	.6869 51	.8100 51	.9344 51	.4211 51	.4756 51	.5723 51	.6085 51	.7431 51
0.90	25	.1984 51	.3184 51	.4292 51	.5425 51	.6576 51	.7736 51	.8906 51	.4063 51	.4578 51	.5493 51	.5835 51	.7105 51
1.00	25	.1923 51	.3122 51	.4177 51	.5263 51	.6365 51	.7475 51	.8591 51	.3959 51	.4451 51	.5328 51	.5655 51	.6871 51
0.10	30	.6570 52	.6673 52	.6844 52	.7084 52	.7391 52	.7766 52	.8209 52	.6776 52	.6878 52	.7152 52	.7186 52	.7596 52
0.15	30	.2871 52	.2977 52	.3154 52	.3399 52	.3711 52	.4088 52	.4527 52	.3083 52	.3189 52	.3469 52	.3503 52	.3917 52
0.20	30	.1581 52	.1692 52	.1874 52	.2122 52	.2430 52	.2794 52	.3207 52	.1802 52	.1910 52	.2191 52	.2226 52	.2630 52
0.25	30	.9894 51	.1105 52	.1290 52	.1533 52	.1824 52	.2156 52	.2522 52	.1218 52	.1326 52	.1600 52	.1632 52	.2008 52
0.30	30	.6745 51	.7965 51	.9801 51	.1209 52	.1472 52	.1763 52	.2074 52	.9091 51	.1014 52	.1270 52	.1300 52	.1634 52
0.35	30	.4923 51	.6182 51	.7956 51	.1005 52	.1237 52	.1486 52	.1749 52	.7283 51	.8278 51	.1060 52	.1086 52	.1377 52
0.40	30	.3839 51	.5112 51	.6786 51	.8679 51	.1071 52	.1286 52	.1509 52	.6161 51	.7081 51	.9162 51	.9396 51	.1192 52
0.50	30	.2781 51	.4031 51	.5486 51	.7049 51	.8679 51	.1035 52	.1208 52	.4954 51	.5734 51	.7439 51	.7628 51	.9627 51
0.60	30	.2336 51	.3558 51	.4841 51	.6194 51	.7586 51	.9008 51	.1045 52	.4376 51	.5057 51	.6529 51	.6690 51	.8390 51
0.70	30	.2114 51	.3319 51	.4481 51	.5703 51	.6954 51	.8223 51	.9509 51	.4060 51	.4677 51	.6005 51	.6150 51	.7672 51
0.80	30	.1985 51	.3181 51	.4258 51	.5393 51	.6552 51	.7725 51	.8909 51	.3867 51	.4440 51	.5673 51	.5807 51	.7216 51
0.90	30	.1902 51	.3093 51	.4109 51	.5184 51	.6280 51	.7387 51	.8503 51	.3740 51	.4281 51	.5448 51	.5575 51	.6907 51
1.00	30	.1845 51	.3034 51	.4003 51	.5033 51	.6084 51	.7144 51	.8210 51	.3649 51	.4167 51	.5287 51	.5409 51	.6685 51

MU	G	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9	3,10	3,11	3,12
0.10	8	.1895 53	.1906 53	.1930 53	.1969 53	.2021 53	.2086 53	.2165 53	.2160 53	.2170 53	.2184 53	.2202 53	.2223 53
0.15	8	.8279 52	.8392 52	.8654 52	.9060 52	.9605 52	.1027 53	.1107 53	.1102 53	.1112 53	.1126 53	.1144 53	.1165 53
0.20	8	.4554 52	.4677 52	.4956 52	.5380 52	.5931 52	.6593 52	.7348 52	.7299 52	.7398 52	.7528 52	.7689 52	.7882 52
0.25	8	.2841 52	.2974 52	.3269 52	.3695 52	.4222 52	.4827 52	.5491 52	.5449 52	.5534 52	.5647 52	.5784 52	.5949 52
0.30	8	.1931 52	.2075 52	.2376 52	.2783 52	.3261 52	.3785 52	.4342 52	.4308 52	.4378 52	.4471 52	.4584 52	.4719 52
0.35	8	.1412 52	.1560 52	.1851 52	.2223 52	.2639 52	.3082 52	.3543 52	.3514 52	.3572 52	.3648 52	.3741 52	.3851 52
0.40	8	.1108 52	.1255 52	.1525 52	.1855 52	.2213 52	.2587 52	.2972 52	.2948 52	.2996 52	.3059 52	.3136 52	.3227 52
0.50	8	.8061 51	.9493 51	.1171 52	.1430 52	.1705 52	.1988 52	.2275 52	.2257 52	.2293 52	.2339 52	.2396 52	.2463 52
0.60	8	.6687 51	.8137 51	.9991 51	.1212 52	.1438 52	.1670 52	.1904 52	.1890 52	.1919 52	.1957 52	.2003 52	.2057 52
0.70	8	.5951 51	.7446 51	.9038 51	.1088 52	.1286 52	.1488 52	.1692 52	.1680 52	.1705 52	.1738 52	.1778 52	.1825 52
0.80	8	.5503 51	.7045 51	.8448 51	.1010 52	.1190 52	.1374 52	.1559 52	.1547 52	.1570 52	.1600 52	.1636 52	.1679 52
0.90	8	.5207 51	.6791 51	.8055 51	.9587 51	.1125 52	.1296 52	.1468 52	.1458 52	.1479 52	.1507 52	.1540 52	.1580 52
1.00	8	.4998 51	.6618 51	.7777 51	.9216 51	.1079 52	.1241 52	.1404 52	.1394 52	.1414 52	.1440 52	.1472 52	.1510 52
0.10	9	.1875 53	.1886 53	.1911 53	.1949 53	.2001 53	.2066 53	.2143 53	.2084 53	.2094 53	.2109 53	.2126 53	.2147 53
0.15	9	.8194 52	.8307 52	.8569 52	.8974 52	.9515 52	.1018 53	.1096 53	.1036 53	.1047 53	.1061 53	.1079 53	.1100 53
0.20	9	.4508 52	.4630 52	.4909 52	.5331 52	.5879 52	.6534 52	.7278 52	.6711 52	.6813 52	.6948 52	.7114 52	.7315 52
0.25	9	.2812 52	.2945 52	.3240 52	.3664 52	.4187 52	.4786 52	.5440 52	.4944 52	.5034 52	.5153 52	.5298 52	.5472 52
0.30	9	.1912 52	.2055 52	.2356 52	.2761 52	.3235 52	.3753 52	.4303 52	.3887 52	.3963 52	.4063 52	.4184 52	.4329 52
0.35	9	.1398 52	.1546 52	.1837 52	.2207 52	.2619 52	.3057 52	.3511 52	.3168 52	.3231 52	.3314 52	.3414 52	.3533 52
0.40	9	.1098 52	.1244 52	.1514 52	.1842 52	.2197 52	.2567 52	.2946 52	.2660 52	.2713 52	.2782 52	.2865 52	.2964 52
0.50	9	.7987 51	.9419 51	.1163 52	.1420 52	.1693 52	.1973 52	.2256 52	.2043 52	.2082 52	.2134 52	.2196 52	.2269 52
0.60	9	.6629 51	.8078 51	.9926 51	.1204 52	.1429 52	.1659 52	.1890 52	.1716 52	.1748 52	.1790 52	.1841 52	.1901 52
0.70	9	.5902 51	.7394 51	.8982 51	.1082 52	.1278 52	.1479 52	.1680 52	.1529 52	.1557 52	.1593 52	.1637 52	.1689 52
0.80	9	.5460 51	.6997 51	.8398 51	.1005 52	.1183 52	.1365 52	.1547 52	.1410 52	.1436 52	.1469 52	.1509 52	.1556 52
0.90	9	.5167 51	.6746 51	.8009 51	.9536 51	.1119 52	.1288 52	.1458 52	.1331 52	.1354 52	.1385 52	.1422 52	.1466 52
1.00	9	.4961 51	.6575 51	.7733 51	.9167 51	.1073 52	.1234 52	.1394 52	.1274 52	.1296 52	.1325 52	.1360 52	.1402 52
0.10	10	.1854 53	.1865 53	.1889 53	.1927 53	.1979 53	.2043 53	.2119 53	.2022 53	.2033 53	.2047 53	.2064 53	.2086 53
0.15	10	.8100 52	.8213 52	.8474 52	.8877 52	.9413 52	.1007 53	.1084 53	.9860 52	.9967 52	.1011 53	.1028 53	.1050 53
0.20	10	.4456 52	.4578 52	.4857 52	.5277 52	.5820 52	.6465 52	.7195 52	.6259 52	.6364 52	.6504 52	.6673 52	.6882 52
0.25	10	.2780 52	.2914 52	.3207 52	.3629 52	.4147 52	.4737 52	.5379 52	.4552 52	.4646 52	.4771 52	.4922 52	.5106 52
0.30	10	.1890 52	.2034 52	.2333 52	.2737 52	.3205 52	.3716 52	.4255 52	.3557 52	.3638 52	.3745 52	.3873 52	.4027 52
0.35	10	.1383 52	.1530 52	.1820 52	.2188 52	.2596 52	.3027 52	.3473 52	.2894 52	.2962 52	.3052 52	.3158 52	.3286 52
0.40	10	.1086 52	.1232 52	.1501 52	.1827 52	.2178 52	.2543 52	.2915 52	.2431 52	.2488 52	.2563 52	.2652 52	.2759 52
0.50	10	.7906 51	.9337 51	.1154 52	.1410 52	.1680 52	.1956 52	.2233 52	.1872 52	.1915 52	.1971 52	.2038 52	.2117 52
0.60	10	.6566 51	.8012 51	.9854 51	.1196 52	.1419 52	.1645 52	.1872 52	.1576 52	.1611 52	.1658 52	.1712 52	.1777 52
0.70	10	.5848 51	.7336 51	.8920 51	.1074 52	.1269 52	.1467 52	.1665 52	.1407 52	.1438 52	.1478 52	.1525 52	.1582 52
0.80	10	.5412 51	.6944 51	.8342 51	.9988 51	.1175 52	.1355 52	.1534 52	.1300 52	.1328 52	.1365 52	.1408 52	.1459 52
0.90	10	.5123 51	.6696 51	.7957 51	.9477 51	.1112 52	.1279 52	.1446 52	.1228 52	.1254 52	.1288 52	.1328 52	.1376 52
1.00	10	.4919 51	.6528 51	.7684 51	.9112 51	.1066 52	.1225 52	.1383 52	.1177 52	.1201 52	.1234 52	.1272 52	.1317 52
0.10	12	.1805 53	.1816 53	.1840 53	.1878 53	.1928 53	.1989 53	.2061 53	.1921 53	.1931 53	.1946 53	.1963 53	.1985 53
0.15	12	.7887 52	.8001 52	.8260 52	.8657 52	.9179 52	.9810 52	.1054 53	.9103 52	.9212 52	.9361 52	.9538 52	.9767 52
0.20	12	.4339 52	.4462 52	.4739 52	.5152 52	.5680 52	.6299 52	.6991 52	.5604 52	.5713 52	.5860 52	.6034 52	.6257 52
0.25	12	.2708 52	.2841 52	.3133 52	.3548 52	.4051 52	.4616 52	.5225 52	.3980 52	.4082 52	.4218 52	.4377 52	.4579 52
0.30	12	.1842 52	.1985 52	.2282 52	.2678 52	.3133 52	.3622 52	.4134 52	.3070 52	.3160 52	.3279 52	.3418 52	.3590 52
0.35	12	.1348 52	.1495 52	.1783 52	.2143 52	.2539 52	.2952 52	.3376 52	.2486 52	.2563 52	.2664 52	.2781 52	.2926 52
0.40	12	.1059 52	.1206 52	.1472 52	.1791 52	.2132 52	.2482 52	.2835 52	.2086 52	.2152 52	.2238 52	.2337 52	.2459 52
0.50	12	.7722 51	.9150 51	.1133 52	.1384 52	.1647 52	.1911 52	.2176 52	.1612 52	.1662 52	.1727 52	.1802 52	.1894 52
0.60	12	.6421 51	.7862 51	.9688 51	.1175 52	.1392 52	.1610 52	.1826 52	.1363 52	.1405 52	.1459 52	.1520 52	.1596 52
0.70	12	.5726 51	.7205 51	.8776 51	.1057 52	.1247 52	.1437 52	.1626 52	.1221 52	.1258 52	.1305 52	.1359 52	.1425 52
0.80	12	.5303 51	.6824 51	.8212 51	.9834 51	.1155 52	.1328 52	.1499 52	.1132 52	.1165 52	.1208 52	.1257 52	.1317 52
0.90	12	.5023 51	.6583 51	.7836 51	.9336 51	.1093 52	.1255 52	.1414 52	.1072 52	.1103 52	.1143 52	.1188 52	.1244 52
1.00	12	.4825 51	.6419 51	.7570 51	.8981 51	.1049 52	.1202 52	.1353 52	.1029 52	.1058 52	.1096 52	.1139 52	.1192 52
0.10	15	.1719 53	.1730 53	.1754 53	.1790 53	.1837 53	.1893 53	.1958 53	.1792 53	.1803 53	.1817 53	.1834 53	.1859 53
0.15	15	.7513 52	.7626 52	.7882 52	.8261 52	.8746 52	.9322 52	.9983 52	.8280 52	.8390 52	.8546 52	.8719 52	.8973 52
0.20	15	.4134 52	.4256 52	.4529 52	.4924 52	.5414 52	.5979 52	.6608 52	.4943 52	.5056 52	.5213 52	.5387 52	.5639 52
0.25	15	.2581 52	.2714 52	.3000 52	.3396 52	.3863 52	.4379 52	.4934 52	.3415 52	.3524 52	.3675 52	.3838 52	.4071 52
0.30	15	.1756 52	.1899 52	.2191 52	.2568 52	.2990 52	.3437 52	.3904 52	.2585 52	.2685 52	.2822 52	.2968 52	.3172 52
0.35	15	.1286 52	.1434 52	.1715 52	.2058 52	.2426 52	.2804 52	.3191 52	.2073 52	.2162 52	.2281 52	.2407 52	.2581 52
0.40	15	.1012 52	.1158 52	.1418 52	.1722 52	.2039 52	.2360 52	.2683 52	.1736 52	.1812 52	.1915 52	.2023 52	.2171 52
0.50	15	.7398 51	.8822 51	.1096 52	.1335 52	.1579 52	.1822 52	.2065 52	.1345 52	.1405 52	.1484 52	.1567 52	.1679 52
0.60	15	.6166 51	.7598 51	.9384 51	.1136 52	.1338 52	.1538 52	.1738 52	.1144 52	.1194 52	.1259 52	.1328 52	.1421 52
0.70	15	.5509 51	.6974 51	.8513 51	.1023 52	.1200 52	.1376 52	.1550 52	.1031 52	.1074 52	.1131 52	.1191 52	.1273 52
0.80	15	.5109 51	.6612 51	.7975 51	.9532 51	.1114 52	.1274 52	.1432 52	.9599 51	.9992 51	.1051 52	.1106 52	.1180 52
0.90	15	.4845 51	.6383 51	.7616 51	.9058 51	.1056 52	.1205 52	.1352 52	.9121 51	.9486 51	.9974 51	.1048 52	.1117 52
1.00	15	.4659 51	.6227 51	.7362 51	.8720 51	.1014 52	.1155 52	.1295 52	.8779 51	.9126 51	.9587 51	.1007 52	.1073 52
0.10	20	.1554 53	.1565 53	.1587 53	.1618 53	.1657 53	.1705 53	.1760 53	.1593 53	.1604 53	.1621 53	.1636 53	.1667 53
0.15	20	.6791 52	.6904 52	.7142 52	.7470 52	.7879 52	.8367 52	.8934 52	.7210 52	.7322 52	.7502 52	.7653 52	.7984 52
0.20	20	.3738 52	.3860 52	.4113 52	.4455 52	.4868 52	.5349 52	.5890 52	.4186 52	.4302 52	.4488 52	.4642 52	.4973 52
0.25	20	.2335 52	.2468 52	.2734 52	.3076 52	.3471 52	.3912 52	.4391 52	.2808 52	.2924 52	.3108 52	.3257 52	.3568 52
0.30	20	.1591 52	.1734 52	.2004 52	.2329 52	.2687 52	.3070 52	.3476 52	.2076 52	.2188 52	.2359 52	.2495 52	.2773 52
0.35	20	.1168 52	.1315 52	.1575 52	.1871 52	.2183 52	.2509 52	.2846 52	.1641 52	.1744 52	.1897 52	.2017 52	.2257 52
0.40	20	.9216 51	.1067 52	.1307 52	.1570 52	.1840 52	.2117 52	.2400 52	.1367 52	.1458 52	.1593 52	.1697 52	.1903 52
0.50	20	.6772 51	.8185 51	.1016 52	.1223 52	.1433 52	.1644 52	.1858 52	.1063 52	.1135 52	.1241 52	.1322 52	.1481 52
0.60	20	.5672 51	.7085 51	.8738 51	.1046 52	.1220 52	.1396 52	.1572 52	.9135 51	.9733 51	.1061 52	.1128 52	.1260 52
0.70	20	.5086 51	.6523 51	.7954 51	.9463 51	.1099 52	.1253 52	.1408 52	.8299 51	.8822 51	.9596 51	.1018 52	.1135 52
0.80	20	.4731 51	.6196 51	.7469 51	.8837 51	.1023 52	.1164 52	.1305 52	.7780 51	.8254 51	.8958 51	.9497 51	.1055 52
0.90	20	.4497 51	.5989 51	.7146 51	.8416 51	.9723 51	.1104 52	.1236 52	.7434 51	.7874 51	.8529 51	.9033 51	.1002 52
1.00	20	.4332 51	.5848 51	.6918 51	.8116 51	.9357 51	.1060 52	.1186 52	.7188 51	.7603 51	.8223 51	.8701 51	.9644 51
0.10	25	.1392 53	.1403 53	.1422 53	.1449 53	.1482 53	.1524 53	.1572 53	.1418 53	.1428 53	.1450 53	.1460 53	.1500 53
0.15	25	.6085 52	.6198 52	.6404 52	.6683 52	.7036 52	.7461 52	.7956 52	.6356 52	.6468 52	.6702 52	.6800 52	.7221 52
0.20	25	.3350 52	.3473 52	.3692 52	.3982 52	.4340 52	.4760 52	.5233 52	.3642 52	.3759 52	.4002 52	.4103 52	.4525 52
0.25	25	.2095 52	.2228 52	.2458 52	.2749 52	.3092 52	.3478 52	.3899 52	.2406 52	.2527 52	.2768 52	.2866 52	.3264 52
0.30	25	.1430 52	.1572 52	.1806 52	.2083 52	.2395 52	.2732 52	.3089 52	.1754 52	.1872 52	.2101 52	.2191 52	.2546 52
0.35	25	.1052 52	.1199 52	.1423 52	.1676 52	.1949 52	.2237 52	.2536 52	.1375 52	.1485 52	.1692 52	.1772 52	.2079 52
0.40	25	.8326 51	.9780 51	.1185 52	.1410 52	.1648 52	.1893 52	.2145 52	.1141 52	.1241 52	.1424 52	.1494 52	.1759 52
0.50	25	.6156 51	.7559 51	.9272 51	.1106 52	.1291 52	.1480 52	.1671 52	.8916 51	.9719 51	.1117 52	.1171 52	.1377 52
0.60	25	.5184 51	.6577 51	.8015 51	.9513 51	.1106 52	.1263 52	.1422 52	.7718 51	.8389 51	.9603 51	.1006 52	.1178 52
0.70	25	.4667 51	.6074 51	.7324 51	.8639 51	.1000 52	.1139 52	.1279 52	.7065 51	.7651 51	.8719 51	.9124 51	.1064 52
0.80	25	.4355 51	.5782 51	.6898 51	.8093 51	.9346 51	.1061 52	.1190 52	.6664 51	.7194 51	.8167 51	.8537 51	.9926 51
0.90	25	.4149 51	.5596 51	.6615 51	.7727 51	.8899 51	.1009 52	.1129 52	.6399 51	.6889 51	.7795 51	.8142 51	.9444 51
1.00	25	.4004 51	.5468 51	.6414 51	.7465 51	.8580 51	.9717 51	.1085 52	.6211 51	.6672 51	.7531 51	.7859 51	.9098 51
0.10	30	.1314 53	.1324 53	.1342 53	.1366 53	.1398 53	.1437 53	.1482 53	.1335 53	.1345 53	.1373 53	.1377 53	.1419 53
0.15	30	.5742 52	.5855 52	.6042 52	.6302 52	.6632 52	.7029 52	.7492 52	.5967 52	.6079 52	.6375 52	.6412 52	.6849 52
0.25	30	.1978 52	.2111 52	.2320 52	.2591 52	.2913 52	.3275 52	.4925 52	.3405 52	.3523 52	.3830 52	.3867 52	.4305 52
0.20	30	.3162 52	.3285 52	.3484 52	.3754 52	.4089 52	.4481 52	.3670 52	.2238 52	.2360 52	.2665 52	.2702 52	.3114 52
0.35	30	.9958 51	.1142 52	.1346 52	.1583 52	.1839 52	.2110 52	.2909 52	.1624 52	.1745 52	.2033 52	.2066 52	.2434 52
0.30	30	.1351 52	.1494 52	.1705 52	.1965 52	.2257 52	.2574 52	.2391 52	.1269 52	.1383 52	.1643 52	.1673 52	.1992 52
0.40	30	.7893 51	.9344 51	.1123 52	.1334 52	.1557 52	.1788 52	.2026 52	.1052 52	.1156 52	.1387 52	.1413 52	.1688 52
0.50	30	.5855 51	.7253 51	.8811 51	.1049 52	.1224 52	.1403 52	.1584 52	.8242 51	.9078 51	.1091 52	.1111 52	.1325 52
0.60	30	.4945 51	.6328 51	.7639 51	.9052 51	.1052 52	.1201 52	.1352 52	.7162 51	.7863 51	.9405 51	.9575 51	.1136 52
0.70	30	.4461 51	.5853 51	.6995 51	.8239 51	.9539 51	.1086 52	.1219 52	.6579 51	.7191 51	.8551 51	.8701 51	.1028 52
0.80	30	.4169 51	.5577 51	.6599 51	.7731 51	.8922 51	.1013 52	.1135 52	.6223 51	.6776 51	.8016 51	.8154 51	.9609 51
0.90	30	.3977 51	.5401 51	.6336 51	.7390 51	.8507 51	.9645 51	.1079 52	.5989 51	.6500 51	.7657 51	.7786 51	.9151 51
1.00	30	.3841 51	.5280 51	.6149 51	.7147 51	.8210 51	.9294 51	.1038 52	.5824 51	.6304 51	.7401 51	.7524 51	.8824 51

TABLE 2

Values of $\epsilon_K(J)$, p, p/μ_1, ν_ℓ, T_ℓ and $E_{K\nu_\ell}(J)/h\omega_0$ as a function of μ and γ

MU	G	EP	P	-ZETA	NU1	NU2	NU3	T1	T2	T3	E 1 1	E 2 1	E 3 1
0.10	8	.0000 00	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.15	8	.0000 00	.1000 51	.6666 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.20	8	.0000 00	.1000 51	.5000 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.25	8	.0000 00	.1000 51	.4000 51	-.4739 46	.1000 51	.2000 51	64	72	65	.4999 50	.1500 51	.2500 51
0.30	8	.0000 00	.1000 51	.3333 51	-.1147 46	.1000 51	.2004 51	46	53	63	.4999 50	.1500 51	.2504 51
0.35	8	.0000 00	.1000 51	.2857 51	.3854 47	.1005 51	.2033 51	45	49	54	.5003 50	.1505 51	.2533 51
0.40	8	.0000 00	.1000 51	.2500 51	.2387 48	.1024 51	.2103 51	41	47	44	.5023 50	.1524 51	.2603 51
0.50	8	.0000 00	.1000 51	.2000 51	.1788 49	.1111 51	.2320 51	42	35	36	.5178 50	.1611 51	.2820 51
0.60	8	.0000 00	.1000 51	.1666 51	.5042 49	.1235 51	.2558 51	30	34	29	.5504 50	.1735 51	.3058 51
0.70	8	.0000 00	.1000 51	.1428 51	.9396 49	.1366 51	.2778 51	31	31	25	.5939 50	.1866 51	.3278 51
0.80	8	.0000 00	.1000 51	.1250 51	.1414 50	.1488 51	.2970 51	25	25	22	.6414 50	.1988 51	.3470 51
0.90	8	.0000 00	.1000 51	.1111 51	.1889 50	.1599 51	.3136 51	26	22	21	.6889 50	.2099 51	.3636 51
1.00	8	.0000 00	.1000 51	.1000 51	.2342 50	.1697 51	.3280 51	23	21	21	.7342 50	.2197 51	.3780 51
0.10	9	.0000 00	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.15	9	.0000 00	.1000 51	.6666 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.20	9	.0000 00	.1000 51	.5000 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.25	9	.0000 00	.1000 51	.4000 51	-.4739 46	.1000 51	.2000 51	64	72	65	.4999 50	.1500 51	.2500 51
0.30	9	.0000 00	.1000 51	.3333 51	-.1147 46	.1000 51	.2004 51	46	53	63	.4999 50	.1500 51	.2504 51
0.35	9	.0000 00	.1000 51	.2857 51	.3854 47	.1005 51	.2033 51	45	49	54	.5003 50	.1505 51	.2533 51
0.40	9	.0000 00	.1000 51	.2500 51	.2387 48	.1024 51	.2103 51	41	47	44	.5023 50	.1524 51	.2603 51
0.50	9	.0000 00	.1000 51	.2000 51	.1788 49	.1111 51	.2320 51	42	35	36	.5178 50	.1611 51	.2820 51
0.60	9	.0000 00	.1000 51	.1666 51	.5042 49	.1235 51	.2558 51	30	34	29	.5504 50	.1735 51	.3058 51
0.70	9	.0000 00	.1000 51	.1428 51	.9396 49	.1366 51	.2778 51	31	31	25	.5939 50	.1866 51	.3278 51
0.80	9	.0000 00	.1000 51	.1250 51	.1414 50	.1488 51	.2970 51	25	25	22	.6414 50	.1988 51	.3470 51
0.90	9	.0000 00	.1000 51	.1111 51	.1889 50	.1599 51	.3136 51	26	22	21	.6889 50	.2099 51	.3636 51
1.00	9	.0000 00	.1000 51	.1000 51	.2342 50	.1697 51	.3280 51	23	21	21	.7342 50	.2197 51	.3780 51
0.10	10	.0000 00	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.15	10	.0000 00	.1000 51	.6666 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.20	10	.0000 00	.1000 51	.5000 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.25	10	.0000 00	.1000 51	.4000 51	-.4739 46	.1000 51	.2000 51	64	72	65	.4999 50	.1500 51	.2500 51
0.30	10	.0000 00	.1000 51	.3333 51	-.1147 46	.1000 51	.2004 51	46	53	63	.4999 50	.1500 51	.2504 51
0.35	10	.0000 00	.1000 51	.2857 51	.3854 47	.1005 51	.2033 51	45	49	54	.5003 50	.1505 51	.2533 51
0.40	10	.0000 00	.1000 51	.2500 51	.2387 48	.1024 51	.2103 51	41	47	44	.5023 50	.1524 51	.2603 51
0.50	10	.0000 00	.1000 51	.2000 51	.1788 49	.1111 51	.2320 51	42	35	36	.5178 50	.1611 51	.2820 51
0.60	10	.0000 00	.1000 51	.1666 51	.5042 49	.1235 51	.2558 51	30	34	29	.5504 50	.1735 51	.3058 51
0.70	10	.0000 00	.1000 51	.1428 51	.9396 49	.1366 51	.2778 51	31	31	25	.5939 50	.1866 51	.3278 51
0.80	10	.0000 00	.1000 51	.1250 51	.1414 50	.1488 51	.2970 51	25	25	22	.6414 50	.1988 51	.3470 51
0.90	10	.0000 00	.1000 51	.1111 51	.1889 50	.1599 51	.3136 51	26	22	21	.6889 50	.2099 51	.3636 51
1.00	10	.0000 00	.1000 51	.1000 51	.2342 50	.1697 51	.3280 51	23	21	21	.7342 50	.2197 51	.3780 51
0.10	12	.0000 00	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.15	12	.0000 00	.1000 51	.6666 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.20	12	.0000 00	.1000 51	.5000 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.25	12	.0000 00	.1000 51	.4000 51	-.4739 46	.1000 51	.2000 51	64	72	65	.4999 50	.1500 51	.2500 51
0.30	12	.0000 00	.1000 51	.3333 51	-.1147 46	.1000 51	.2004 51	46	53	63	.4999 50	.1500 51	.2504 51
0.35	12	.0000 00	.1000 51	.2857 51	.3854 47	.1005 51	.2033 51	45	49	54	.5003 50	.1505 51	.2533 51
0.40	12	.0000 00	.1000 51	.2500 51	.2387 48	.1024 51	.2103 51	41	47	44	.5023 50	.1524 51	.2603 51
0.50	12	.0000 00	.1000 51	.2000 51	.1788 49	.1111 51	.2320 51	42	35	36	.5178 50	.1611 51	.2820 51
0.60	12	.0000 00	.1000 51	.1666 51	.5042 49	.1235 51	.2558 51	30	34	29	.5504 50	.1735 51	.3058 51
0.70	12	.0000 00	.1000 51	.1428 51	.9396 49	.1366 51	.2778 51	31	31	25	.5939 50	.1866 51	.3278 51
0.80	12	.0000 00	.1000 51	.1250 51	.1414 50	.1488 51	.2970 51	25	25	22	.6414 50	.1988 51	.3470 51
0.90	12	.0000 00	.1000 51	.1111 51	.1889 50	.1599 51	.3136 51	26	22	21	.6889 50	.2099 51	.3636 51
1.00	12	.0000 00	.1000 51	.1000 51	.2342 50	.1697 51	.3280 51	23	21	21	.7342 50	.2197 51	.3780 51
0.10	15	.0000 00	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.15	15	.0000 00	.1000 51	.6666 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.20	15	.0000 00	.1000 51	.5000 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.25	15	.0000 00	.1000 51	.4000 51	-.4739 46	.1000 51	.2000 51	64	72	65	.4999 50	.1500 51	.2500 51
0.30	15	.0000 00	.1000 51	.3333 51	-.1147 46	.1000 51	.2004 51	46	53	63	.4999 50	.1500 51	.2504 51
0.35	15	.0000 00	.1000 51	.2857 51	.3854 47	.1005 51	.2033 51	45	49	54	.5003 50	.1505 51	.2533 51
0.40	15	.0000 00	.1000 51	.2500 51	.2387 48	.1024 51	.2103 51	41	47	44	.5023 50	.1524 51	.2603 51
0.50	15	.0000 00	.1000 51	.2000 51	.1788 49	.1111 51	.2320 51	42	35	36	.5178 50	.1611 51	.2820 51
0.60	15	.0000 00	.1000 51	.1666 51	.5042 49	.1235 51	.2558 51	30	34	29	.5504 50	.1735 51	.3058 51
0.70	15	.0000 00	.1000 51	.1428 51	.9396 49	.1366 51	.2778 51	31	31	25	.5939 50	.1866 51	.3278 51
0.80	15	.0000 00	.1000 51	.1250 51	.1414 50	.1488 51	.2970 51	25	25	22	.6414 50	.1988 51	.3470 51
0.90	15	.0000 00	.1000 51	.1111 51	.1889 50	.1599 51	.3136 51	26	22	21	.6889 50	.2099 51	.3636 51
1.00	15	.0000 00	.1000 51	.1000 51	.2342 50	.1697 51	.3280 51	23	21	21	.7342 50	.2197 51	.3780 51
0.10	20	.0000 00	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.15	20	.0000 00	.1000 51	.6666 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.20	20	.0000 00	.1000 51	.5000 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.25	20	.0000 00	.1000 51	.4000 51	-.4739 46	.1000 51	.2000 51	64	72	65	.4999 50	.1500 51	.2500 51
0.30	20	.0000 00	.1000 51	.3333 51	-.1147 46	.1000 51	.2004 51	46	53	63	.4999 50	.1500 51	.2504 51
0.35	20	.0000 00	.1000 51	.2857 51	.3854 47	.1005 51	.2033 51	45	49	54	.5003 50	.1505 51	.2533 51
0.40	20	.0000 00	.1000 51	.2500 51	.2387 48	.1024 51	.2103 51	41	47	44	.5023 50	.1524 51	.2603 51
0.50	20	.0000 00	.1000 51	.2000 51	.1788 49	.1111 51	.2320 51	42	35	36	.5178 50	.1611 51	.2820 51
0.60	20	.0000 00	.1000 51	.1666 51	.5042 49	.1235 51	.2558 51	30	34	29	.5504 50	.1735 51	.3058 51
0.70	20	.0000 00	.1000 51	.1428 51	.9396 49	.1366 51	.2778 51	31	31	25	.5939 50	.1866 51	.3278 51
0.80	20	.0000 00	.1000 51	.1250 51	.1414 50	.1488 51	.2970 51	25	25	22	.6414 50	.1988 51	.3470 51
0.90	20	.0000 00	.1000 51	.1111 51	.1889 50	.1599 51	.3136 51	26	22	21	.6889 50	.2099 51	.3636 51
1.00	20	.0000 00	.1000 51	.1000 51	.2342 50	.1697 51	.3280 51	23	21	21	.7342 50	.2197 51	.3780 51
0.10	25	.0000 00	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.15	25	.0000 00	.1000 51	.6666 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.20	25	.0000 00	.1000 51	.5000 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.25	25	.0000 00	.1000 51	.4000 51	-.4739 46	.1000 51	.2000 51	64	72	65	.4999 50	.1500 51	.2500 51
0.30	25	.0000 00	.1000 51	.3333 51	-.1147 46	.1000 51	.2004 51	46	53	63	.4999 50	.1500 51	.2504 51
0.35	25	.0000 00	.1000 51	.2857 51	.3854 47	.1005 51	.2033 51	45	49	54	.5003 50	.1505 51	.2533 51
0.40	25	.0000 00	.1000 51	.2500 51	.2387 48	.1024 51	.2103 51	41	47	44	.5023 50	.1524 51	.2603 51
0.50	25	.0000 00	.1000 51	.2000 51	.1788 49	.1111 51	.2320 51	42	35	36	.5178 50	.1611 51	.2820 51
0.60	25	.0000 00	.1000 51	.1666 51	.5042 49	.1235 51	.2558 51	30	34	29	.5504 50	.1735 51	.3058 51
0.70	25	.0000 00	.1000 51	.1428 51	.9396 49	.1366 51	.2778 51	31	31	25	.5939 50	.1866 51	.3278 51
0.80	25	.0000 00	.1000 51	.1250 51	.1414 50	.1488 51	.2970 51	25	25	22	.6414 50	.1988 51	.3470 51
0.90	25	.0000 00	.1000 51	.1111 51	.1889 50	.1599 51	.3136 51	26	22	21	.6889 50	.2099 51	.3636 51
1.00	25	.0000 00	.1000 51	.1000 51	.2342 50	.1697 51	.3280 51	23	21	21	.7342 50	.2197 51	.3780 51
0.10	30	.0000 00	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.15	30	.0000 00	.1000 51	.6666 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.20	30	.0000 00	.1000 51	.5000 51	.0000 00	.1000 51	.2000 51	00	00	00	.5000 50	.1500 51	.2500 51
0.25	30	.0000 00	.1000 51	.4000 51	-.4739 46	.1000 51	.2000 51	64	72	65	.4999 50	.1500 51	.2500 51
0.30	30	.0000 00	.1000 51	.3333 51	-.1147 46	.1000 51	.2004 51	46	53	63	.4999 50	.1500 51	.2504 51
0.35	30	.0000 00	.1000 51	.2857 51	.3854 47	.1005 51	.2033 51	45	49	54	.5003 50	.1505 51	.2533 51
0.40	30	.0000 00	.1000 51	.2500 51	.2387 48	.1024 51	.2103 51	41	47	44	.5023 50	.1524 51	.2603 51
0.50	30	.0000 00	.1000 51	.2000 51	.1788 49	.1111 51	.2320 51	42	35	36	.5178 50	.1611 51	.2820 51
0.60	30	.0000 00	.1000 51	.1666 51	.5042 49	.1235 51	.2558 51	30	34	29	.5504 50	.1735 51	.3058 51
0.70	30	.0000 00	.1000 51	.1428 51	.9396 49	.1366 51	.2778 51	31	31	25	.5939 50	.1866 51	.3278 51
0.80	30	.0000 00	.1000 51	.1250 51	.1414 50	.1488 51	.2970 51	25	25	22	.6414 50	.1988 51	.3470 51
0.90	30	.0000 00	.1000 51	.1111 51	.1889 50	.1599 51	.3136 51	26	22	20	.6889 50	.2099 51	.3636 51
1.00	30	.0000 00	.1000 51	.1000 51	.2342 50	.1697 51	.3280 51	23	21	20	.7342 50	.2197 51	.3780 51

MU	G	EP	P	-ZETA	NU1	NU2	NU3	T1	T2	T3	E 1 2	E 2 2	E 3 2
0.10	8	.4159 51	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5105 50	.1510 51	.2511 51
0.15	8	.4159 51	.1001 51	.6678 51	.0000 00	.1000 51	.2000 51	00	00	00	.5241 50	.1525 51	.2527 51
0.20	8	.4159 51	.1003 51	.5028 51	.0000 00	.1000 51	.2000 51	00	00	00	.5439 50	.1548 51	.2553 51
0.25	8	.4159 51	.1007 51	.4055 51	.0000 00	.1000 51	.2000 51	00	00	00	.5703 50	.1582 51	.2593 51
0.30	8	.4159 51	.1016 51	.3426 51	-.2458 46	.1000 51	.2002 51	50	53	63	.6037 50	.1627 51	.2653 51
0.35	8	.4159 51	.1028 51	.2998 51	.1594 47	.1002 51	.2020 51	46	51	58	.6443 50	.1688 51	.2746 51
0.40	8	.4159 51	.1046 51	.2699 51	.9084 47	.1011 51	.2057 51	43	48	50	.6918 50	.1767 51	.2881 51
0.50	8	.4159 51	.1098 51	.2330 51	.5016 48	.1043 51	.2159 51	38	40	42	.8035 50	.1973 51	.3229 51
0.60	8	.4159 51	.1168 51	.2131 51	.1118 49	.1078 51	.2247 51	44	46	41	.9255 50	.2203 51	.3603 51
0.70	8	.4159 51	.1253 51	.2016 51	.1691 49	.1106 51	.2310 51	42	36	36	.1045 51	.2426 51	.3952 51
0.80	8	.4159 51	.1347 51	.1944 51	.2157 49	.1127 51	.2354 51	41	39	35	.1155 51	.2629 51	.4263 51
0.90	8	.4159 51	.1448 51	.1897 51	.2520 49	.1143 51	.2385 51	40	37	34	.1255 51	.2807 51	.4533 51
1.00	8	.4159 51	.1554 51	.1863 51	.2802 49	.1154 51	.2408 51	40	37	34	.1343 51	.2964 51	.4767 51
0.10	9	.4202 51	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5106 50	.1510 51	.2511 51
0.15	9	.4202 51	.1001 51	.6679 51	.0000 00	.1000 51	.2000 51	00	00	00	.5244 50	.1525 51	.2527 51
0.20	9	.4202 51	.1003 51	.5029 51	.0000 00	.1000 51	.2000 51	00	00	00	.5443 50	.1549 51	.2554 51
0.25	9	.4202 51	.1008 51	.4055 51	.0000 00	.1000 51	.2000 51	00	00	00	.5710 50	.1582 51	.2594 51
0.30	9	.4202 51	.1016 51	.3427 51	-.2469 46	.1000 51	.2002 51	50	53	63	.6048 50	.1628 51	.2655 51
0.35	9	.4202 51	.1028 51	.2999 51	.1580 47	.1002 51	.2019 51	46	51	59	.6458 50	.1690 51	.2749 51
0.40	9	.4202 51	.1046 51	.2700 51	.9000 47	.1011 51	.2057 51	43	48	50	.6937 50	.1769 51	.2884 51
0.50	9	.4202 51	.1098 51	.2333 51	.4961 48	.1043 51	.2158 51	38	40	42	.8061 50	.1976 51	.3233 51
0.60	9	.4202 51	.1170 51	.2134 51	.1104 49	.1078 51	.2246 51	44	46	41	.9288 50	.2207 51	.3607 51
0.70	9	.4202 51	.1255 51	.2019 51	.1670 49	.1106 51	.2308 51	42	36	36	.1048 51	.2430 51	.3956 51
0.80	9	.4202 51	.1349 51	.1948 51	.2130 49	.1126 51	.2352 51	41	39	35	.1159 51	.2633 51	.4267 51
0.90	9	.4202 51	.1451 51	.1901 51	.2488 49	.1141 51	.2382 51	40	38	34	.1259 51	.2812 51	.4537 51
1.00	9	.4202 51	.1556 51	.1868 51	.2766 49	.1153 51	.2405 51	40	37	34	.1348 51	.2968 51	.4771 51
0.10	10	.4251 51	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5107 50	.1511 51	.2511 51
0.15	10	.4251 51	.1001 51	.6679 51	.0000 00	.1000 51	.2000 51	00	00	00	.5246 50	.1526 51	.2527 51
0.20	10	.4251 51	.1003 51	.5029 51	.0000 00	.1000 51	.2000 51	00	00	00	.5448 50	.1549 51	.2554 51
0.25	10	.4251 51	.1008 51	.4056 51	.0000 00	.1000 51	.2000 51	00	00	00	.5718 50	.1583 51	.2595 51
0.30	10	.4251 51	.1016 51	.3428 51	-.2480 46	.1000 51	.2002 51	50	53	63	.6060 50	.1630 51	.2656 51
0.35	10	.4251 51	.1029 51	.3001 51	.1563 47	.1002 51	.2019 51	46	51	59	.6474 50	.1692 51	.2751 51
0.40	10	.4251 51	.1047 51	.2703 51	.8907 47	.1011 51	.2057 51	43	48	50	.6958 50	.1772 51	.2887 51
0.50	10	.4251 51	.1099 51	.2336 51	.4900 48	.1042 51	.2157 51	38	48	42	.8090 50	.1979 51	.3236 51
0.60	10	.4251 51	.1171 51	.2138 51	.1090 49	.1077 51	.2244 51	44	46	41	.9324 50	.2211 51	.3611 51
0.70	10	.4251 51	.1256 51	.2023 51	.1647 49	.1104 51	.2306 51	42	37	36	.1052 51	.2435 51	.3961 51
0.80	10	.4251 51	.1352 51	.1952 51	.2099 49	.1125 51	.2349 51	41	39	35	.1164 51	.2638 51	.4272 51
0.90	10	.4251 51	.1453 51	.1905 51	.2452 49	.1140 51	.2379 51	40	38	34	.1264 51	.2817 51	.4542 51
1.00	10	.4251 51	.1559 51	.1872 51	.2725 49	.1151 51	.2402 51	40	37	34	.1353 51	.2973 51	.4775 51
0.10	12	.4365 51	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5110 50	.1511 51	.2511 51
0.15	12	.4365 51	.1001 51	.6679 51	.0000 00	.1000 51	.2000 51	00	00	00	.5253 50	.1527 51	.2528 51
0.20	12	.4365 51	.1003 51	.5030 51	.0000 00	.1000 51	.2000 51	00	00	00	.5460 50	.1551 51	.2556 51
0.25	12	.4365 51	.1008 51	.4057 51	.0000 00	.1000 51	.2000 51	00	00	00	.5737 50	.1586 51	.2598 51
0.30	12	.4365 51	.1016 51	.3430 51	-.2506 46	.1000 51	.2002 51	50	53	63	.6088 50	.1633 51	.2660 51
0.35	12	.4365 51	.1029 51	.3005 51	.1526 47	.1002 51	.2019 51	46	51	59	.6512 50	.1696 51	.2756 51
0.40	12	.4365 51	.1048 51	.2707 51	.8693 47	.1011 51	.2056 51	43	48	51	.7006 50	.1778 51	.2893 51
0.50	12	.4365 51	.1101 51	.2343 51	.4760 48	.1041 51	.2154 51	38	48	42	.8160 50	.1988 51	.3246 51
0.60	12	.4365 51	.1174 51	.2146 51	.1056 49	.1075 51	.2240 51	44	46	41	.9410 50	.2221 51	.3621 51
0.70	12	.4365 51	.1261 51	.2033 51	.1593 49	.1102 51	.2300 51	42	37	36	.1062 51	.2446 51	.3972 51
0.80	12	.4365 51	.1357 51	.1962 51	.2030 49	.1122 51	.2343 51	41	40	35	.1175 51	.2649 51	.4282 51
0.90	12	.4365 51	.1460 51	.1915 51	.2370 49	.1136 51	.2373 51	40	38	34	.1275 51	.2828 51	.4552 51
1.00	12	.4365 51	.1567 51	.1883 51	.2634 49	.1147 51	.2394 51	40	37	34	.1365 51	.2985 51	.4786 51
0.10	15	.4583 51	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5116 50	.1511 51	.2512 51
0.15	15	.4583 51	.1001 51	.6680 51	.0000 00	.1000 51	.2000 51	00	00	00	.5266 50	.1528 51	.2530 51
0.20	15	.4583 51	.1003 51	.5031 51	.0000 00	.1000 51	.2000 51	00	00	00	.5483 50	.1553 51	.2559 51
0.25	15	.4583 51	.1008 51	.4060 51	.0000 00	.1000 51	.2000 51	00	00	00	.5774 50	.1590 51	.2603 51
0.30	15	.4583 51	.1017 51	.3435 51	-.2554 46	.1000 51	.2002 51	50	53	63	.6141 50	.1639 51	.2668 51
0.35	15	.4583 51	.1031 51	.3011 51	.1456 47	.1002 51	.2019 51	46	51	59	.6584 50	.1705 51	.2767 51
0.40	15	.4583 51	.1050 51	.2716 51	.8302 47	.1010 51	.2054 51	43	48	51	.7098 50	.1790 51	.2907 51
0.50	15	.4583 51	.1105 51	.2355 51	.4509 48	.1040 51	.2150 51	38	47	43	.8290 50	.2004 51	.3263 51
0.60	15	.4583 51	.1180 51	.2162 51	.9958 48	.1072 51	.2232 51	45	47	40	.9571 50	.2240 51	.3641 51
0.70	15	.4583 51	.1269 51	.2050 51	.1498 49	.1097 51	.2291 51	43	39	37	.1081 51	.2466 51	.3992 51
0.80	15	.4583 51	.1367 51	.1981 51	.1906 49	.1116 51	.2331 51	41	41	35	.1195 51	.2670 51	.4303 51
0.90	15	.4583 51	.1471 51	.1935 51	.2224 49	.1130 51	.2360 51	41	39	34	.1297 51	.2849 51	.4572 51
1.00	15	.4583 51	.1580 51	.1903 51	.2472 49	.1141 51	.2381 51	40	38	34	.1387 51	.3006 51	.4805 51
0.10	20	.5071 51	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5128 50	.1513 51	.2513 51
0.15	20	.5071 51	.1001 51	.6681 51	.0000 00	.1000 51	.2000 51	00	00	00	.5294 50	.1531 51	.2533 51
0.20	20	.5071 51	.1004 51	.5035 51	.0000 00	.1000 51	.2000 51	00	00	00	.5535 50	.1559 51	.2565 51
0.25	20	.5071 51	.1009 51	.4067 51	.0000 00	.1000 51	.2000 51	00	00	00	.5855 50	.1599 51	.2613 51
0.30	20	.5071 51	.1019 51	.3445 51	-.2656 46	.1000 51	.2002 51	51	53	63	.6259 50	.1654 51	.2684 51
0.35	20	.5071 51	.1034 51	.3026 51	.1311 47	.1002 51	.2017 51	46	51	60	.6744 50	.1725 51	.2790 51
0.40	20	.5071 51	.1055 51	.2736 51	.7498 47	.1009 51	.2051 51	44	48	51	.7303 50	.1815 51	.2936 51
0.50	20	.5071 51	.1114 51	.2383 51	.4002 48	.1036 51	.2140 51	39	47	43	.8578 50	.2038 51	.3301 51
0.60	20	.5071 51	.1193 51	.2196 51	.8757 48	.1065 51	.2216 51	45	49	40	.9926 50	.2281 51	.3683 51
0.70	20	.5071 51	.1286 51	.2087 51	.1311 49	.1088 51	.2270 51	43	37	36	.1121 51	.2510 51	.4036 51
0.80	20	.5071 51	.1388 51	.2020 51	.1664 49	.1105 51	.2308 51	42	36	36	.1239 51	.2716 51	.4346 51
0.90	20	.5071 51	.1496 51	.1976 51	.1939 49	.1118 51	.2334 51	41	40	35	.1344 51	.2896 51	.4615 51
1.00	20	.5071 51	.1608 51	.1944 51	.2154 49	.1127 51	.2354 51	41	39	35	.1437 51	.3053 51	.4846 51
0.10	25	.5661 51	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5143 50	.1514 51	.2515 51
0.15	25	.5661 51	.1001 51	.6683 51	.0000 00	.1000 51	.2000 51	00	00	00	.5328 50	.1535 51	.2537 51
0.20	25	.5661 51	.1004 51	.5039 51	.0000 00	.1000 51	.2000 51	00	00	00	.5596 50	.1566 51	.2572 51
0.25	25	.5661 51	.1010 51	.4074 51	.0000 00	.1000 51	.2000 51	00	00	00	.5953 50	.1611 51	.2626 51
0.30	25	.5661 51	.1021 51	.3457 51	-.2771 46	.1000 51	.2002 51	51	53	63	.6401 50	.1671 51	.2704 51
0.35	25	.5661 51	.1037 51	.3043 51	.1154 47	.1002 51	.2016 51	46	51	61	.6936 50	.1749 51	.2818 51
0.40	25	.5661 51	.1060 51	.2758 51	.6642 47	.1008 51	.2047 51	44	48	51	.7547 50	.1846 51	.2970 51
0.50	25	.5661 51	.1124 51	.2415 51	.3480 48	.1032 51	.2129 51	39	47	44	.8918 50	.2079 51	.3345 51
0.60	25	.5661 51	.1208 51	.2234 51	.7542 48	.1058 51	.2198 51	46	49	40	.1034 51	.2328 51	.3733 51
0.70	25	.5661 51	.1305 51	.2130 51	.1123 49	.1079 51	.2248 51	44	46	41	.1169 51	.2562 51	.4087 51
0.80	25	.5661 51	.1411 51	.2065 51	.1422 49	.1094 51	.2282 51	43	38	38	.1291 51	.2770 51	.4397 51
0.90	25	.5661 51	.1524 51	.2022 51	.1656 49	.1105 51	.2307 51	42	36	36	.1399 51	.2951 51	.4664 51
1.00	25	.5661 51	.1640 51	.1991 51	.1839 49	.1113 51	.2325 51	42	41	35	.1494 51	.3109 51	.4894 51
0.10	30	.6000 51	.1000 51	.1000 52	.0000 00	.1000 51	.2000 51	00	00	00	.5152 50	.1515 51	.2516 51
0.15	30	.6000 51	.1001 51	.6684 51	.0000 00	.1000 51	.2000 51	00	00	00	.5348 50	.1537 51	.2539 51
0.20	30	.6000 51	.1004 51	.5041 51	.0000 00	.1000 51	.2000 51	00	00	00	.5632 50	.1570 51	.2577 51
0.25	30	.6000 51	.1011 51	.4078 51	.0000 00	.1000 51	.2000 51	00	00	00	.6010 50	.1617 51	.2634 51
0.30	30	.6000 51	.1022 51	.3464 51	-.2834 46	.1000 51	.2002 51	51	53	63	.6482 50	.1681 51	.2716 51
0.35	30	.6000 51	.1040 51	.3053 51	.1071 47	.1002 51	.2016 51	46	51	61	.7046 50	.1763 51	.2833 51
0.40	30	.6000 51	.1063 51	.2771 51	.6200 47	.1008 51	.2045 51	44	49	52	.7685 50	.1863 51	.2989 51
0.50	30	.6000 51	.1129 51	.2433 51	.3218 48	.1030 51	.2123 51	40	47	45	.9110 50	.2103 51	.3370 51
0.60	30	.6000 51	.1216 51	.2255 51	.6940 48	.1054 51	.2189 51	46	39	41	.1057 51	.2355 51	.3760 51
0.70	30	.6000 51	.1316 51	.2153 51	.1030 49	.1074 51	.2236 51	44	46	40	.1195 51	.2591 51	.4116 51
0.80	30	.6000 51	.1424 51	.2089 51	.1303 49	.1088 51	.2269 51	43	37	37	.1320 51	.2799 51	.4425 51
0.90	30	.6000 51	.1539 51	.2047 51	.1517 49	.1098 51	.2293 51	42	39	37	.1430 51	.2982 51	.4692 51
1.00	30	.6000 51	.1658 51	.2017 51	.1684 49	.1106 51	.2310 51	42	36	36	.1527 51	.3140 51	.4921 51

MU	G	EP	P	-ZETA	NU1	NU2	NU3	T1	T2	T3	E 1 3	E 2 3	E 3 3
0.10	8	.1384 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5351 50	.1536 51	.2537 51
0.15	8	.1384 52	.1003 51	.6707 51	.0000 00	.1000 51	.2000 51	00	00	00	.5801 50	.1585 51	.2590 51
0.20	8	.1384 52	.1010 51	.5093 51	.0000 00	.1000 51	.2000 51	00	00	00	.6448 50	.1660 51	.2676 51
0.25	8	.1384 52	.1025 51	.4173 51	.0000 00	.1000 51	.2000 51	00	00	00	.7289 50	.1765 51	.2801 51
0.30	8	.1384 52	.1048 51	.3611 51	-.3760 46	.1000 51	.2001 51	55	46	64	.8300 50	.1897 51	.2965 51
0.35	8	.1384 52	.1082 51	.3253 51	.6442 45	.1000 51	.2006 51	43	52	64	.9435 50	.2052 51	.3166 51
0.40	8	.1384 52	.1124 51	.3020 51	.1367 47	.1002 51	.2018 51	46	51	59	.1063 51	.2220 51	.3393 51
0.50	8	.1384 52	.1231 51	.2754 51	.6795 47	.1009 51	.2048 51	44	48	51	.1303 51	.2565 51	.3864 51
0.60	8	.1384 52	.1358 51	.2618 51	.1360 48	.1015 51	.2073 51	42	47	50	.1524 51	.2882 51	.4298 51
0.70	8	.1384 52	.1496 51	.2540 51	.1980 48	.1021 51	.2092 51	41	47	50	.1717 51	.3157 51	.4670 51
0.80	8	.1384 52	.1641 51	.2490 51	.2491 48	.1025 51	.2106 51	40	47	45	.1884 51	.3391 51	.4984 51
0.90	8	.1384 52	.1790 51	.2457 51	.2901 48	.1028 51	.2116 51	40	47	46	.2027 51	.3590 51	.5249 51
1.00	8	.1384 52	.1943 51	.2432 51	.3231 48	.1031 51	.2123 51	40	47	45	.2150 51	.3761 51	.5473 51
0.10	9	.1397 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5354 50	.1536 51	.2537 51
0.15	9	.1397 52	.1003 51	.6707 51	.0000 00	.1000 51	.2000 51	00	00	00	.5809 50	.1586 51	.2591 51
0.20	9	.1397 52	.1010 51	.5094 51	.0000 00	.1000 51	.2000 51	00	00	00	.6462 50	.1662 51	.2678 51
0.25	9	.1397 52	.1025 51	.4175 51	.0000 00	.1000 51	.2000 51	00	00	00	.7310 50	.1767 51	.2803 51
0.30	9	.1397 52	.1049 51	.3613 51	-.3770 46	.1000 51	.2001 51	55	46	64	.8330 50	.1900 51	.2969 51
0.35	9	.1397 52	.1082 51	.3256 51	.5612 45	.1000 51	.2006 51	43	52	64	.9474 50	.2056 51	.3171 51
0.40	9	.1397 52	.1125 51	.3024 51	.1332 47	.1002 51	.2018 51	46	51	60	.1068 51	.2226 51	.3399 51
0.50	9	.1397 52	.1233 51	.2759 51	.6637 47	.1008 51	.2047 51	44	48	52	.1309 51	.2572 51	.3872 51
0.60	9	.1397 52	.1360 51	.2623 51	.1328 48	.1015 51	.2072 51	42	47	50	.1531 51	.2890 51	.4306 51
0.70	9	.1397 52	.1498 51	.2545 51	.1934 48	.1020 51	.2091 51	41	47	50	.1725 51	.3165 51	.4679 51
0.80	9	.1397 52	.1644 51	.2495 51	.2432 48	.1024 51	.2104 51	40	47	47	.1892 51	.3400 51	.4993 51
0.90	9	.1397 52	.1794 51	.2462 51	.2833 48	.1028 51	.2114 51	40	47	46	.2035 51	.3600 51	.5257 51
1.00	9	.1397 52	.1946 51	.2438 51	.3156 48	.1030 51	.2122 51	40	47	45	.2159 51	.3770 51	.5482 51
0.10	10	.1412 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5358 50	.1536 51	.2537 51
0.15	10	.1412 52	.1003 51	.6707 51	.0000 00	.1000 51	.2000 51	00	00	00	.5818 50	.1587 51	.2592 51
0.20	10	.1412 52	.1010 51	.5095 51	.0000 00	.1000 51	.2000 51	00	00	00	.6477 50	.1663 51	.2679 51
0.25	10	.1412 52	.1025 51	.4176 51	.0000 00	.1000 51	.2000 51	00	00	00	.7334 50	.1770 51	.2806 51
0.30	10	.1412 52	.1049 51	.3615 51	-.3781 46	.1000 51	.2001 51	55	44	64	.8363 50	.1904 51	.2974 51
0.35	10	.1412 52	.1083 51	.3260 51	.4716 45	.1000 51	.2006 51	43	52	64	.9516 50	.2061 51	.3177 51
0.40	10	.1412 52	.1126 51	.3028 51	.1295 47	.1002 51	.2017 51	46	51	60	.1073 51	.2232 51	.3406 51
0.50	10	.1412 52	.1234 51	.2763 51	.6469 47	.1008 51	.2046 51	44	49	52	.1316 51	.2579 51	.3880 51
0.60	10	.1412 52	.1362 51	.2628 51	.1294 48	.1015 51	.2071 51	42	47	50	.1539 51	.2898 51	.4315 51
0.70	10	.1412 52	.1501 51	.2550 51	.1884 48	.1020 51	.2090 51	41	47	50	.1734 51	.3175 51	.4688 51
0.80	10	.1412 52	.1647 51	.2501 51	.2370 48	.1024 51	.2103 51	41	47	44	.1901 51	.3410 51	.5002 51
0.90	10	.1412 52	.1797 51	.2468 51	.2761 48	.1027 51	.2112 51	40	47	47	.2045 51	.3610 51	.5267 51
1.00	10	.1412 52	.1950 51	.2443 51	.3075 48	.1029 51	.2120 51	40	47	45	.2169 51	.3780 51	.5491 51
0.10	12	.1445 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5366 50	.1537 51	.2538 51
0.15	12	.1445 52	.1003 51	.6708 51	.0000 00	.1000 51	.2000 51	00	00	00	.5836 50	.1589 51	.2594 51
0.20	12	.1445 52	.1011 51	.5097 51	.0000 00	.1000 51	.2000 51	00	00	00	.6511 50	.1667 51	.2684 51
0.25	12	.1445 52	.1026 51	.4180 51	.0000 00	.1000 51	.2000 51	00	00	00	.7386 50	.1776 51	.2813 51
0.30	12	.1445 52	.1050 51	.3621 51	-.3804 46	.9999 50	.2001 51	55	32	64	.8436 50	.1913 51	.2984 51
0.35	12	.1445 52	.1084 51	.3267 51	.2764 45	.1000 51	.2006 51	41	52	64	.9610 50	.2073 51	.3190 51
0.40	12	.1445 52	.1128 51	.3036 51	.1215 47	.1002 51	.2017 51	46	51	60	.1084 51	.2246 51	.3421 51
0.50	12	.1445 52	.1238 51	.2774 51	.6107 47	.1008 51	.2045 51	44	49	52	.1331 51	.2596 51	.3898 51
0.60	12	.1445 52	.1366 51	.2640 51	.1222 48	.1014 51	.2069 51	42	48	50	.1556 51	.2917 51	.4335 51
0.70	12	.1445 52	.1506 51	.2563 51	.1778 48	.1019 51	.2086 51	41	47	50	.1753 51	.3195 51	.4708 51
0.80	12	.1445 52	.1654 51	.2514 51	.2237 48	.1023 51	.2099 51	41	47	52	.1922 51	.3431 51	.5023 51
0.90	12	.1445 52	.1805 51	.2480 51	.2606 48	.1026 51	.2109 51	40	47	43	.2066 51	.3632 51	.5288 51
1.00	12	.1445 52	.1959 51	.2456 51	.2903 48	.1028 51	.2116 51	40	47	46	.2191 51	.3803 51	.5512 51
0.10	15	.1500 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5380 50	.1539 51	.2540 51
0.15	15	.1500 52	.1003 51	.6710 51	.0000 00	.1000 51	.2000 51	00	00	00	.5868 50	.1592 51	.2598 51
0.20	15	.1500 52	.1011 51	.5100 51	.0000 00	.1000 51	.2000 51	00	00	00	.6568 50	.1673 51	.2690 51
0.25	15	.1500 52	.1027 51	.4187 51	.0000 00	.1000 51	.2000 51	00	00	00	.7474 50	.1786 51	.2824 51
0.30	15	.1500 52	.1052 51	.3630 51	-.3846 46	.9999 50	.2000 51	55	47	64	.8558 50	.1927 51	.3000 51
0.35	15	.1500 52	.1087 51	.3279 51	-.2790 44	.1000 51	.2005 51	41	52	64	.9768 50	.2091 51	.3211 51
0.40	15	.1500 52	.1132 51	.3051 51	.1089 47	.1002 51	.2016 51	46	51	61	.1103 51	.2268 51	.3446 51
0.50	15	.1500 52	.1243 51	.2792 51	.5550 47	.1007 51	.2042 51	44	49	52	.1355 51	.2624 51	.3928 51
0.60	15	.1500 52	.1374 51	.2659 51	.1110 48	.1013 51	.2065 51	43	48	50	.1584 51	.2949 51	.4367 51
0.70	15	.1500 52	.1516 51	.2583 51	.1615 48	.1018 51	.2082 51	42	47	49	.1784 51	.3229 51	.4742 51
0.80	15	.1500 52	.1665 51	.2534 51	.2033 48	.1021 51	.2094 51	41	47	50	.1955 51	.3467 51	.5057 51
0.90	15	.1500 52	.1818 51	.2501 51	.2369 48	.1024 51	.2103 51	41	47	44	.2102 51	.3669 51	.5322 51
1.00	15	.1500 52	.1974 51	.2477 51	.2640 48	.1026 51	.2109 51	40	47	48	.2228 51	.3841 51	.5547 51
0.10	20	.1581 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5400 50	.1541 51	.2542 51
0.15	20	.1581 52	.1003 51	.6712 51	.0000 00	.1000 51	.2000 51	00	00	00	.5915 50	.1597 51	.2603 51
0.20	20	.1581 52	.1012 51	.5106 51	.0000 00	.1000 51	.2000 51	00	00	00	.6651 50	.1683 51	.2700 51
0.25	20	.1581 52	.1028 51	.4196 51	.0000 00	.1000 51	.2000 51	00	00	00	.7603 50	.1800 51	.2841 51
0.30	20	.1581 52	.1054 51	.3644 51	-.3896 46	.9999 50	.2000 51	56	49	64	.8738 50	.1948 51	.3024 51
0.35	20	.1581 52	.1091 51	.3297 51	-.4332 45	.1000 51	.2005 51	43	53	63	.9998 50	.2118 51	.3242 51
0.40	20	.1581 52	.1137 51	.3072 51	.9248 46	.1002 51	.2014 51	46	51	62	.1131 51	.2301 51	.3483 51
0.50	20	.1581 52	.1251 51	.2817 51	.4826 47	.1006 51	.2039 51	45	49	53	.1391 51	.2665 51	.3972 51
0.60	20	.1581 52	.1385 51	.2687 51	.9661 47	.1012 51	.2059 51	43	48	50	.1626 51	.2995 51	.4415 51
0.70	20	.1581 52	.1530 51	.2611 51	.1406 48	.1016 51	.2075 51	42	47	49	.1830 51	.3279 51	.4791 51
0.80	20	.1581 52	.1681 51	.2564 51	.1769 48	.1019 51	.2086 51	41	47	50	.2004 51	.3519 51	.5107 51
0.90	20	.1581 52	.1836 51	.2531 51	.2063 48	.1021 51	.2095 51	41	47	51	.2153 51	.3722 51	.5373 51
1.00	20	.1581 52	.1995 51	.2508 51	.2300 48	.1023 51	.2101 51	41	47	53	.2281 51	.3895 51	.5598 51
0.10	25	.1605 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5407 50	.1541 51	.2543 51
0.15	25	.1605 52	.1004 51	.6713 51	.0000 00	.1000 51	.2000 51	00	00	00	.5929 50	.1598 51	.2604 51
0.20	25	.1605 52	.1012 51	.5107 51	.0000 00	.1000 51	.2000 51	00	00	00	.6676 50	.1685 51	.2704 51
0.25	25	.1605 52	.1028 51	.4198 51	.0000 00	.1000 51	.2000 51	00	00	00	.7642 50	.1805 51	.2846 51
0.30	25	.1605 52	.1055 51	.3648 51	-.3912 46	.9999 50	.2000 51	56	50	64	.8792 50	.1955 51	.3031 51
0.35	25	.1605 52	.1092 51	.3302 51	-.5465 45	.1000 51	.2005 51	44	53	63	.1006 51	.2127 51	.3252 51
0.40	25	.1605 52	.1139 51	.3078 51	.8794 46	.1002 51	.2014 51	46	51	63	.1139 51	.2311 51	.3494 51
0.50	25	.1605 52	.1254 51	.2824 51	.4629 47	.1006 51	.2038 51	45	49	53	.1401 51	.2677 51	.3985 51
0.60	25	.1605 52	.1388 51	.2695 51	.9269 47	.1011 51	.2058 51	43	48	50	.1638 51	.3009 51	.4429 51
0.70	25	.1605 52	.1533 51	.2620 51	.1349 48	.1015 51	.2073 51	42	47	50	.1843 51	.3293 51	.4806 51
0.80	25	.1605 52	.1686 51	.2572 51	.1698 48	.1018 51	.2084 51	42	47	50	.2019 51	.3534 51	.5122 51
0.90	25	.1605 52	.1842 51	.2540 51	.1980 48	.1021 51	.2092 51	41	47	50	.2168 51	.3738 51	.5388 51
1.00	25	.1605 52	.2001 51	.2516 51	.2208 48	.1023 51	.2098 51	41	47	52	.2297 51	.3912 51	.5613 51
0.10	30	.1600 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5405 50	.1541 51	.2542 51
0.15	30	.1600 52	.1004 51	.6713 51	.0000 00	.1000 51	.2000 51	00	00	00	.5926 50	.1598 51	.2604 51
0.20	30	.1600 52	.1012 51	.5107 51	.0000 00	.1000 51	.2000 51	00	00	00	.6670 50	.1685 51	.2703 51
0.25	30	.1600 52	.1028 51	.4198 51	.0000 00	.1000 51	.2000 51	00	00	00	.7633 50	.1804 51	.2845 51
0.30	30	.1600 52	.1055 51	.3647 51	-.3908 46	.9999 50	.2000 51	56	50	64	.8779 50	.1953 51	.3030 51
0.35	30	.1600 52	.1092 51	.3301 51	-.5207 45	.1000 51	.2005 51	44	53	63	.1005 51	.2125 51	.3250 51
0.40	30	.1600 52	.1138 51	.3077 51	.8897 46	.1002 51	.2014 51	46	51	63	.1138 51	.2308 51	.3492 51
0.50	30	.1600 52	.1253 51	.2823 51	.4674 47	.1006 51	.2038 51	45	49	53	.1399 51	.2675 51	.3982 51
0.60	30	.1600 52	.1387 51	.2693 51	.9358 47	.1011 51	.2058 51	43	48	50	.1635 51	.3006 51	.4425 51
0.70	30	.1600 52	.1533 51	.2618 51	.1362 48	.1015 51	.2074 51	42	47	50	.1840 51	.3290 51	.4803 51
0.80	30	.1600 52	.1684 51	.2570 51	.1714 48	.1018 51	.2085 51	42	47	50	.2015 51	.3531 51	.5119 51
0.90	30	.1600 52	.1841 51	.2538 51	.1999 48	.1021 51	.2093 51	41	47	50	.2165 51	.3734 51	.5385 51
1.00	30	.1600 52	.1999 51	.2514 51	.2229 48	.1023 51	.2099 51	41	47	52	.2294 51	.3908 51	.5610 51

MU	G	EP	P	-ZETA	NU1	NU2	NU3	T1	T2	T3	E 1 4	E 2 4	E 3 4
0.10	8	.2901 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5735 50	.1575 51	.2577 51
0.15	8	.2901 52	.1007 51	.6750 51	.0000 00	.1000 51	.2000 51	00	00	00	.8673 50	.1678 51	.2688 51
0.20	8	.2901 52	.1021 51	.5188 51	.0000 00	.1000 51	.2000 51	00	00	00	.7996 50	.1831 51	.2862 51
0.25	8	.2901 52	.1049 51	.4336 51	.0000 00	.1000 51	.2000 51	00	00	00	.9652 50	.2033 51	.3100 51
0.30	8	.2901 52	.1090 51	.3843 51	-.4447 46	.1000 51	.2000 51	60	72	65	.1153 51	.2271 51	.3389 51
0.35	8	.2901 52	.1145 51	.3545 51	-.3426 46	.1000 51	.2001 51	53	52	64	.1351 51	.2525 51	.3702 51
0.40	8	.2901 52	.1209 51	.3358 51	-.1566 46	.1000 51	.2004 51	48	53	63	.1547 51	.2780 51	.4018 51
0.50	8	.2901 52	.1360 51	.3148 51	.4593 46	.1001 51	.2010 51	46	52	55	.1909 51	.3251 51	.4603 51
0.60	8	.2901 52	.1527 51	.3041 51	.1177 47	.1002 51	.2016 51	46	51	60	.2219 51	.3649 51	.5097 51
0.70	8	.2901 52	.1704 51	.2977 51	.1833 47	.1003 51	.2021 51	46	50	58	.2478 51	.3979 51	.5503 51
0.80	8	.2901 52	.1885 51	.2937 51	.2385 47	.1004 51	.2025 51	46	50	56	.2695 51	.4253 51	.5838 51
0.90	8	.2901 52	.2071 51	.2908 51	.2841 47	.1004 51	.2028 51	46	50	55	.2877 51	.4481 51	.6116 51
1.00	8	.2901 52	.2258 51	.2887 51	.3218 47	.1005 51	.2030 51	45	50	55	.3032 51	.4674 51	.6350 51
0.10	9	.2926 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5741 50	.1576 51	.2578 51
0.15	9	.2926 52	.1007 51	.6750 51	.0000 00	.1000 51	.2000 51	00	00	00	.6687 50	.1679 51	.2690 51
0.20	9	.2926 52	.1021 51	.5190 51	.0000 00	.1000 51	.2000 51	00	00	00	.8020 50	.1833 51	.2865 51
0.25	9	.2926 52	.1049 51	.4338 51	.0000 00	.1000 51	.2000 51	00	00	00	.9688 50	.2037 51	.3105 51
0.30	9	.2926 52	.1091 51	.3846 51	-.4454 46	.1000 51	.2000 51	60	72	65	.1158 51	.2276 51	.3395 51
0.35	9	.2926 52	.1145 51	.3549 51	-.3450 46	.1000 51	.2001 51	53	52	64	.1357 51	.2532 51	.3710 51
0.40	9	.2926 52	.1210 51	.3362 51	-.1635 46	.1000 51	.2003 51	48	53	63	.1554 51	.2788 51	.4026 51
0.50	9	.2926 52	.1361 51	.3153 51	.4347 46	.1001 51	.2010 51	46	52	56	.1918 51	.3260 51	.4613 51
0.60	9	.2926 52	.1529 51	.3046 51	.1131 47	.1002 51	.2016 51	46	51	61	.2229 51	.3660 51	.5108 51
0.70	9	.2926 52	.1706 51	.2983 51	.1768 47	.1003 51	.2021 51	46	50	58	.2489 51	.3991 51	.5515 51
0.80	9	.2926 52	.1889 51	.2942 51	.2303 47	.1003 51	.2024 51	46	50	56	.2706 51	.4265 51	.5850 51
0.90	9	.2926 52	.2074 51	.2914 51	.2746 47	.1004 51	.2027 51	46	50	55	.2889 51	.4493 51	.6129 51
1.00	9	.2926 52	.2262 51	.2893 51	.3111 47	.1004 51	.2029 51	45	50	55	.3044 51	.4687 51	.6363 51
0.10	10	.2951 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5747 50	.1576 51	.2579 51
0.15	10	.2951 52	.1007 51	.6751 51	.0000 00	.1000 51	.2000 51	00	00	00	.6702 50	.1681 51	.2691 51
0.20	10	.2951 52	.1022 51	.5191 51	.0000 00	.1000 51	.2000 51	00	00	00	.8045 50	.1836 51	.2868 51
0.25	10	.2951 52	.1049 51	.4341 51	.0000 00	.1000 51	.2000 51	00	00	00	.9727 50	.2041 51	.3110 51
0.30	10	.2951 52	.1091 51	.3850 51	-.4461 46	.1000 51	.2000 51	60	71	65	.1163 51	.2282 51	.3401 51
0.35	10	.2951 52	.1146 51	.3554 51	-.3474 46	.1000 51	.2001 51	53	52	64	.1363 51	.2540 51	.3718 51
0.40	10	.2951 52	.1212 51	.3367 51	-.1706 46	.1000 51	.2003 51	48	53	63	.1561 51	.2796 51	.4036 51
0.50	10	.2951 52	.1363 51	.3159 51	.4098 46	.1001 51	.2010 51	46	52	56	.1927 51	.3270 51	.4624 51
0.60	10	.2951 52	.1531 51	.3052 51	.1085 47	.1002 51	.2016 51	46	51	61	.2239 51	.3671 51	.5120 51
0.70	10	.2951 52	.1709 51	.2989 51	.1701 47	.1003 51	.2020 51	46	50	58	.2500 51	.4003 51	.5527 51
0.80	10	.2951 52	.1892 51	.2948 51	.2220 47	.1003 51	.2024 51	46	50	57	.2718 51	.4277 51	.5863 51
0.90	10	.2951 52	.2078 51	.2920 51	.2649 47	.1004 51	.2027 51	46	50	56	.2901 51	.4506 51	.6141 51
1.00	10	.2951 52	.2266 51	.2899 51	.3004 47	.1004 51	.2029 51	45	50	55	.3056 51	.4700 51	.6376 51
0.10	12	.3002 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5760 50	.1578 51	.2580 51
0.15	12	.3002 52	.1007 51	.6753 51	.0000 00	.1000 51	.2000 51	00	00	00	.6731 50	.1684 51	.2695 51
0.20	12	.3002 52	.1022 51	.5194 51	.0000 00	.1000 51	.2000 51	00	00	00	.8097 50	.1842 51	.2874 51
0.25	12	.3002 52	.1050 51	.4346 51	.0000 00	.1000 51	.2000 51	00	00	00	.9804 50	.2050 51	.3119 51
0.30	12	.3002 52	.1093 51	.3856 51	-.4475 46	.1000 51	.2000 51	60	71	65	.1173 51	.2294 51	.3415 51
0.35	12	.3002 52	.1148 51	.3562 51	-.3520 46	.1000 51	.2001 51	54	51	64	.1376 51	.2554 51	.3734 51
0.40	12	.3002 52	.1214 51	.3376 51	-.1844 46	.1000 51	.2003 51	48	53	63	.1576 51	.2813 51	.4054 51
0.50	12	.3002 52	.1367 51	.3169 51	.3620 46	.1001 51	.2009 51	46	52	59	.1945 51	.3290 51	.4646 51
0.60	12	.3002 52	.1536 51	.3063 51	.9961 46	.1002 51	.2015 51	46	51	62	.2260 51	.3693 51	.5143 51
0.70	12	.3002 52	.1714 51	.3000 51	.1574 47	.1002 51	.2019 51	46	51	59	.2522 51	.4026 51	.5552 51
0.80	12	.3002 52	.1898 51	.2959 51	.2062 47	.1003 51	.2023 51	46	50	57	.2741 51	.4302 51	.5888 51
0.90	12	.3002 52	.2085 51	.2931 51	.2465 47	.1004 51	.2025 51	46	50	56	.2925 51	.4532 51	.6168 51
1.00	12	.3002 52	.2274 51	.2911 51	.2799 47	.1004 51	.2027 51	46	50	55	.3082 51	.4726 51	.6402 51
0.10	15	.3065 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5776 50	.1579 51	.2582 51
0.15	15	.3065 52	.1007 51	.6754 51	.0000 00	.1000 51	.2000 51	00	00	00	.6767 50	.1687 51	.2699 51
0.20	15	.3065 52	.1022 51	.5198 51	.0000 00	.1000 51	.2000 51	00	00	00	.8160 50	.1849 51	.2882 51
0.25	15	.3065 52	.1051 51	.4352 51	.0000 00	.1000 51	.2000 51	00	00	00	.9898 50	.2060 51	.3131 51
0.30	15	.3065 52	.1094 51	.3865 51	-.4496 46	.1000 51	.2000 51	61	71	65	.1186 51	.2308 51	.3431 51
0.35	15	.3065 52	.1150 51	.3572 51	-.3575 46	.1000 51	.2001 51	54	51	64	.1391 51	.2572 51	.3754 51
0.40	15	.3065 52	.1217 51	.3388 51	-.2002 46	.1000 51	.2003 51	49	53	63	.1594 51	.2834 51	.4077 51
0.50	15	.3065 52	.1371 51	.3182 51	.3077 46	.1001 51	.2009 51	46	52	58	.1967 51	.3315 51	.4672 51
0.60	15	.3065 52	.1541 51	.3076 51	.8950 46	.1002 51	.2014 51	46	51	63	.2285 51	.3721 51	.5172 51
0.70	15	.3065 52	.1721 51	.3014 51	.1430 47	.1002 51	.2018 51	46	51	59	.2549 51	.4056 51	.5582 51
0.80	15	.3065 52	.1906 51	.2973 51	.1882 47	.1003 51	.2022 51	46	50	58	.2770 51	.4333 51	.5919 51
0.90	15	.3065 52	.2094 51	.2945 51	.2257 47	.1003 51	.2024 51	46	50	56	.2955 51	.4564 51	.6199 51
1.00	15	.3065 52	.2284 51	.2925 51	.2566 47	.1004 51	.2026 51	46	50	56	.3113 51	.4759 51	.6434 51
0.10	20	.3078 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5779 50	.1580 51	.2582 51
0.15	20	.3078 52	.1007 51	.6755 51	.0000 00	.1000 51	.2000 51	00	00	00	.6774 50	.1688 51	.2700 51
0.20	20	.3078 52	.1023 51	.5199 51	.0000 00	.1000 51	.2000 51	00	00	00	.8173 50	.1850 51	.2883 51
0.25	20	.3078 52	.1051 51	.4353 51	.0000 00	.1000 51	.2000 51	00	00	00	.9918 50	.2062 51	.3134 51
0.30	20	.3078 52	.1094 51	.3867 51	-.4500 46	.1000 51	.2000 51	61	72	65	.1188 51	.2311 51	.3434 51
0.35	20	.3078 52	.1151 51	.3574 51	-.3585 46	.1000 51	.2001 51	54	51	64	.1394 51	.2575 51	.3758 51
0.40	20	.3078 52	.1218 51	.3390 51	-.2032 46	.1000 51	.2003 51	49	53	63	.1598 51	.2838 51	.4082 51
0.50	20	.3078 52	.1372 51	.3185 51	.2972 46	.1001 51	.2009 51	46	52	57	.1972 51	.3320 51	.4678 51
0.60	20	.3078 52	.1542 51	.3079 51	.8754 46	.1001 51	.2014 51	46	51	63	.2290 51	.3726 51	.5178 51
0.70	20	.3078 52	.1722 51	.3017 51	.1403 47	.1002 51	.2018 51	46	51	59	.2555 51	.4061 51	.5588 51
0.80	20	.3078 52	.1907 51	.2976 51	.1848 47	.1003 51	.2021 51	46	50	58	.2776 51	.4339 51	.5925 51
0.90	20	.3078 52	.2096 51	.2948 51	.2216 47	.1003 51	.2024 51	46	50	57	.2962 51	.4570 51	.6206 51
1.00	20	.3078 52	.2286 51	.2928 51	.2521 47	.1004 51	.2026 51	46	50	56	.3119 51	.4765 51	.6441 51
0.10	25	.3024 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5766 50	.1578 51	.2581 51
0.15	25	.3024 52	.1007 51	.6753 51	.0000 00	.1000 51	.2000 51	00	00	00	.6743 50	.1685 51	.2696 51
0.20	25	.3024 52	.1022 51	.5195 51	.0000 00	.1000 51	.2000 51	00	00	00	.8119 50	.1844 51	.2877 51
0.25	25	.3024 52	.1050 51	.4348 51	.0000 00	.1000 51	.2000 51	00	00	00	.9836 50	.2053 51	.3124 51
0.30	25	.3024 52	.1093 51	.3859 51	-.4481 46	.1000 51	.2000 51	60	71	65	.1178 51	.2299 51	.3420 51
0.35	25	.3024 52	.1149 51	.3565 51	-.3539 46	.1000 51	.2001 51	54	51	64	.1381 51	.2560 51	.3741 51
0.40	25	.3024 52	.1215 51	.3380 51	-.1899 46	.1000 51	.2003 51	49	53	63	.1582 51	.2820 51	.4062 51
0.50	25	.3024 52	.1368 51	.3174 51	.3427 46	.1001 51	.2009 51	46	52	61	.1953 51	.3299 51	.4655 51
0.60	25	.3024 52	.1538 51	.3067 51	.9602 46	.1002 51	.2015 51	46	51	62	.2268 51	.3703 51	.5153 51
0.70	25	.3024 52	.1717 51	.3005 51	.1523 47	.1002 51	.2019 51	46	51	59	.2531 51	.4037 51	.5562 51
0.80	25	.3024 52	.1901 51	.2964 51	.1998 47	.1003 51	.2022 51	46	50	57	.2751 51	.4313 51	.5899 51
0.90	25	.3024 52	.2088 51	.2936 51	.2391 47	.1004 51	.2025 51	46	50	56	.2936 51	.4543 51	.6178 51
1.00	25	.3024 52	.2278 51	.2916 51	.2715 47	.1004 51	.2027 51	46	50	55	.3093 51	.4737 51	.6413 51
0.10	30	.3000 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5760 50	.1578 51	.2580 51
0.15	30	.3000 52	.1007 51	.6753 51	.0000 00	.1000 51	.2000 51	00	00	00	.6729 50	.1683 51	.2694 51
0.20	30	.3000 52	.1022 51	.5194 51	.0000 00	.1000 51	.2000 51	00	00	00	.8094 50	.1841 51	.2874 51
0.25	30	.3000 52	.1050 51	.4346 51	.0000 00	.1000 51	.2000 51	00	00	00	.9800 50	.2049 51	.3119 51
0.30	30	.3000 52	.1093 51	.3856 51	-.4475 46	.1000 51	.2000 51	60	72	65	.1173 51	.2293 51	.3414 51
0.35	30	.3000 52	.1148 51	.3561 51	-.3518 46	.1000 51	.2001 51	54	51	64	.1375 51	.2553 51	.3733 51
0.40	30	.3000 52	.1214 51	.3376 51	-.1837 46	.1000 51	.2003 51	48	53	63	.1575 51	.2812 51	.4053 51
0.50	30	.3000 52	.1367 51	.3169 51	.3643 46	.1001 51	.2009 51	46	52	59	.1944 51	.3289 51	.4645 51
0.60	30	.3000 52	.1536 51	.3062 51	.1000 47	.1002 51	.2015 51	46	51	62	.2258 51	.3692 51	.5142 51
0.70	30	.3000 52	.1714 51	.2999 51	.1581 47	.1002 51	.2019 51	46	51	59	.2521 51	.4025 51	.5551 51
0.80	30	.3000 52	.1898 51	.2959 51	.2070 47	.1003 51	.2023 51	46	50	57	.2740 51	.4301 51	.5887 51
0.90	30	.3000 52	.2085 51	.2931 51	.2475 47	.1004 51	.2025 51	46	50	56	.2924 51	.4531 51	.6166 51
1.00	30	.3000 52	.2274 51	.2910 51	.2808 47	.1004 51	.2027 51	46	50	55	.3081 51	.4725 51	.6401 51

MU	G	EP	P	-ZETA	NU1	NU2	NU3	T1	T2	T3	E 1 5	E 2 5	E 3 5
0.10	8	.4961 52	.1002 51	.1004 52	.0000 00	.1000 51	.2000 51	00	00	00	.6255 50	.1629 51	.2632 51
0.15	8	.4961 52	.1012 51	.6807 51	.0000 00	.1000 51	.2000 51	00	00	00	.7845 50	.1802 51	.2820 51
0.20	8	.4961 52	.1035 51	.5307 51	.0000 00	.1000 51	.2000 51	00	00	00	.1003 51	.2054 51	.3104 51
0.25	8	.4961 52	.1077 51	.4525 51	.0000 00	.1000 51	.2000 51	00	00	00	.1267 51	.2369 51	.3472 51
0.30	8	.4961 52	.1136 51	.4092 51	.0000 00	.1000 51	.2000 51	00	00	00	.1551 51	.2717 51	.3884 51
0.35	8	.4961 52	.1210 51	.3839 51	-.4439 46	.1000 51	.2000 51	60	72	65	.1834 51	.3067 51	.4301 51
0.40	8	.4961 52	.1293 51	.3681 51	-.4032 46	.9999 50	.2000 51	56	53	64	.2103 51	.3399 51	.4697 51
0.50	8	.4961 52	.1479 51	.3505 51	-.3162 46	.1000 51	.2001 51	52	52	63	.2578 51	.3982 51	.5389 51
0.60	8	.4961 52	.1679 51	.3413 51	-.2313 46	.1000 51	.2003 51	50	53	63	.2968 51	.4456 51	.5948 51
0.70	8	.4961 52	.1886 51	.3358 51	-.1566 46	.1000 51	.2004 51	48	53	63	.3285 51	.4838 51	.6396 51
0.80	8	.4961 52	.2098 51	.3322 51	-.9390 45	.1000 51	.2004 51	46	53	63	.3546 51	.5151 51	.6761 51
0.90	8	.4961 52	.2313 51	.3296 51	-.4143 45	.1000 51	.2005 51	43	53	63	.3764 51	.5409 51	.7061 51
1.00	8	.4961 52	.2530 51	.3277 51	.2032 44	.1000 51	.2006 51	32	52	64	.3946 51	.5625 51	.7312 51
0.10	9	.4994 52	.1002 51	.1004 52	.0000 00	.1000 51	.2000 51	00	00	00	.6263 50	.1630 51	.2633 51
0.15	9	.4994 52	.1012 51	.6808 51	.0000 00	.1000 51	.2000 51	00	00	00	.7864 50	.1804 51	.2822 51
0.20	9	.4994 52	.1035 51	.5309 51	.0000 00	.1000 51	.2000 51	00	00	00	.1006 51	.2057 51	.3108 51
0.25	9	.4994 52	.1077 51	.4528 51	.0000 00	.1000 51	.2000 51	00	00	00	.1271 51	.2374 51	.3477 51
0.30	9	.4994 52	.1137 51	.4096 51	.0000 00	.1000 51	.2000 51	00	00	00	.1557 51	.2724 51	.3891 51
0.35	9	.4994 52	.1211 51	.3843 51	-.4448 46	.1000 51	.2000 51	60	72	65	.1841 51	.3075 51	.4309 51
0.40	9	.4994 52	.1294 51	.3686 51	-.4044 46	.1000 51	.2000 51	57	70	64	.2111 51	.3409 51	.4707 51
0.50	9	.4994 52	.1480 51	.3510 51	-.3197 46	.1000 51	.2001 51	52	52	64	.2588 51	.3993 51	.5400 51
0.60	9	.4994 52	.1681 51	.3418 51	-.2370 46	.1000 51	.2003 51	50	53	63	.2978 51	.4467 51	.5960 51
0.70	9	.4994 52	.1889 51	.3363 51	-.1644 46	.1000 51	.2003 51	48	53	63	.3297 51	.4851 51	.6409 51
0.80	9	.4994 52	.2101 51	.3327 51	-.1035 46	.1000 51	.2004 51	46	53	63	.3559 51	.5163 51	.6774 51
0.90	9	.4994 52	.2317 51	.3301 51	-.5260 45	.1000 51	.2005 51	44	53	63	.3776 51	.5422 51	.7075 51
1.00	9	.4994 52	.2534 51	.3282 51	-.1037 45	.1000 51	.2005 51	38	52	64	.3960 51	.5639 51	.7326 51
0.10	10	.5025 52	.1002 51	.1004 52	.0000 00	.1000 51	.2000 51	00	00	00	.6271 50	.1630 51	.2634 51
0.15	10	.5025 52	.1012 51	.6808 51	.0000 00	.1000 51	.2000 51	00	00	00	.7882 50	.1806 51	.2824 51
0.20	10	.5025 52	.1036 51	.5311 51	.0000 00	.1000 51	.2000 51	00	00	00	.1009 51	.2060 51	.3111 51
0.25	10	.5025 52	.1078 51	.4530 51	.0000 00	.1000 51	.2000 51	00	00	00	.1276 51	.2379 51	.3483 51
0.30	10	.5025 52	.1138 51	.4099 51	.0000 00	.1000 51	.2000 51	00	00	00	.1562 51	.2730 51	.3898 51
0.35	10	.5025 52	.1211 51	.3847 51	-.4456 46	.1000 51	.2000 51	60	72	65	.1848 51	.3083 51	.4318 51
0.40	10	.5025 52	.1295 51	.3690 51	-.4057 46	.1000 51	.2000 51	57	71	64	.2119 51	.3417 51	.4716 51
0.50	10	.5025 52	.1482 51	.3514 51	-.3228 46	.1000 51	.2001 51	53	52	64	.2597 51	.4003 51	.5411 51
0.60	10	.5025 52	.1683 51	.3423 51	-.2422 46	.1000 51	.2002 51	50	53	63	.2989 51	.4478 51	.5971 51
0.70	10	.5025 52	.1891 51	.3368 51	-.1715 46	.1000 51	.2003 51	48	53	63	.3308 51	.4862 51	.6421 51
0.80	10	.5025 52	.2104 51	.3332 51	-.1123 46	.1000 51	.2004 51	46	53	63	.3570 51	.5176 51	.6787 51
0.90	10	.5025 52	.2320 51	.3306 51	-.6282 45	.1000 51	.2005 51	44	53	63	.3788 51	.5435 51	.7088 51
1.00	10	.5025 52	.2537 51	.3287 51	-.2184 45	.1000 51	.2005 51	41	53	64	.3972 51	.5652 51	.7339 51
0.10	12	.5074 52	.1002 51	.1004 52	.0000 00	.1000 51	.2000 51	00	00	00	.6284 50	.1632 51	.2635 51
0.15	12	.5074 52	.1012 51	.6810 51	.0000 00	.1000 51	.2000 51	00	00	00	.7910 50	.1809 51	.2827 51
0.20	12	.5074 52	.1036 51	.5313 51	.0000 00	.1000 51	.2000 51	00	00	00	.1014 51	.2066 51	.3117 51
0.25	12	.5074 52	.1078 51	.4535 51	.0000 00	.1000 51	.2000 51	00	00	00	.1283 51	.2387 51	.3491 51
0.30	12	.5074 52	.1139 51	.4104 51	.0000 00	.1000 51	.2000 51	00	00	00	.1571 51	.2740 51	.3909 51
0.35	12	.5074 52	.1213 51	.3853 51	-.4468 46	.1000 51	.2000 51	60	71	65	.1859 51	.3095 51	.4331 51
0.40	12	.5074 52	.1297 51	.3696 51	-.4078 46	.1000 51	.2000 51	57	70	64	.2131 51	.3431 51	.4731 51
0.50	12	.5074 52	.1484 51	.3521 51	-.3276 46	.1000 51	.2001 51	53	52	64	.2612 51	.4019 51	.5428 51
0.60	12	.5074 52	.1686 51	.3430 51	-.2503 46	.1000 51	.2002 51	50	53	63	.3005 51	.4495 51	.5990 51
0.70	12	.5074 52	.1895 51	.3375 51	-.1826 46	.1000 51	.2003 51	48	53	63	.3325 51	.4881 51	.6441 51
0.80	12	.5074 52	.2108 51	.3339 51	-.1259 46	.1000 51	.2004 51	47	53	63	.3589 51	.5195 51	.6807 51
0.90	12	.5074 52	.2324 51	.3314 51	-.7831 45	.1000 51	.2005 51	45	53	63	.3807 51	.5454 51	.7108 51
1.00	12	.5074 52	.2542 51	.3295 51	-.3881 45	.1000 51	.2005 51	43	53	63	.3991 51	.5672 51	.7360 51
0.10	15	.5087 52	.1002 51	.1004 52	.0000 00	.1000 51	.2000 51	00	00	00	.6287 50	.1632 51	.2636 51
0.15	15	.5087 52	.1012 51	.6810 51	.0000 00	.1000 51	.2000 51	00	00	00	.7917 50	.1809 51	.2828 51
0.20	15	.5087 52	.1036 51	.5314 51	.0000 00	.1000 51	.2000 51	00	00	00	.1015 51	.2067 51	.3119 51
0.25	15	.5087 52	.1079 51	.4536 51	.0000 00	.1000 51	.2000 51	00	00	00	.1284 51	.2389 51	.3493 51
0.30	15	.5087 52	.1139 51	.4106 51	.0000 00	.1000 51	.2000 51	00	00	00	.1574 51	.2743 51	.3912 51
0.35	15	.5087 52	.1213 51	.3854 51	-.4471 46	.1000 51	.2000 51	60	71	65	.1862 51	.3098 51	.4334 51
0.40	15	.5087 52	.1297 51	.3698 51	-.4083 46	.1000 51	.2000 51	57	70	64	.2134 51	.3434 51	.4734 51
0.50	15	.5087 52	.1485 51	.3523 51	-.3288 46	.1000 51	.2001 51	53	52	64	.2615 51	.4023 51	.5432 51
0.60	15	.5087 52	.1686 51	.3432 51	-.2523 46	.1000 51	.2002 51	50	53	63	.3009 51	.4500 51	.5994 51
0.70	15	.5087 52	.1896 51	.3377 51	-.1853 46	.1000 51	.2003 51	48	53	63	.3330 51	.4885 51	.6445 51
0.80	15	.5087 52	.2109 51	.3341 51	-.1289 46	.1000 51	.2004 51	47	53	63	.3593 51	.5199 51	.6811 51
0.90	15	.5087 52	.2326 51	.3316 51	-.8207 45	.1000 51	.2005 51	45	53	63	.3812 51	.5459 51	.7113 51
1.00	15	.5087 52	.2544 51	.3297 51	-.4308 45	.1000 51	.2005 51	43	53	63	.3996 51	.5677 51	.7365 51
0.10	20	.4963 52	.1002 51	.1004 52	.0000 00	.1000 51	.2000 51	00	00	00	.6256 50	.1629 51	.2632 51
0.15	20	.4963 52	.1012 51	.6807 51	.0000 00	.1000 51	.2000 51	00	00	00	.7847 50	.1802 51	.2820 51
0.20	20	.4963 52	.1035 51	.5307 51	.0000 00	.1000 51	.2000 51	00	00	00	.1003 51	.2054 51	.3104 51
0.25	20	.4963 52	.1077 51	.4525 51	.0000 00	.1000 51	.2000 51	00	00	00	.1267 51	.2370 51	.3472 51
0.30	20	.4963 52	.1136 51	.4093 51	.0000 00	.1000 51	.2000 51	00	00	00	.1551 51	.2718 51	.3884 51
0.35	20	.4963 52	.1210 51	.3839 51	-.4440 46	.1000 51	.2000 51	60	71	65	.1834 51	.3068 51	.4301 51
0.40	20	.4963 52	.1293 51	.3682 51	-.4030 46	.9999 50	.2000 51	56	53	64	.2104 51	.3400 51	.4697 51
0.50	20	.4963 52	.1479 51	.3505 51	-.3165 46	.1000 51	.2001 51	52	52	64	.2579 51	.3983 51	.5390 51
0.60	20	.4963 52	.1679 51	.3413 51	-.2317 46	.1000 51	.2003 51	50	53	63	.2968 51	.4457 51	.5949 51
0.70	20	.4963 52	.1886 51	.3358 51	-.1571 46	.1000 51	.2004 51	48	53	63	.3286 51	.4839 51	.6397 51
0.80	20	.4963 52	.2099 51	.3322 51	-.9459 45	.1000 51	.2004 51	46	53	63	.3547 51	.5152 51	.6762 51
0.90	20	.4963 52	.2314 51	.3297 51	-.4233 45	.1000 51	.2005 51	43	53	63	.3765 51	.5410 51	.7062 51
1.00	20	.4963 52	.2530 51	.3278 51	.1088 44	.1000 51	.2005 51	28	52	64	.3947 51	.5626 51	.7313 51
0.10	25	.4841 52	.1002 51	.1004 52	.0000 00	.1000 51	.2000 51	00	00	00	.6225 50	.1626 51	.2629 51
0.15	25	.4841 52	.1011 51	.6803 51	.0000 00	.1000 51	.2000 51	00	00	00	.7778 50	.1795 51	.2812 51
0.20	25	.4841 52	.1034 51	.5301 51	.0000 00	.1000 51	.2000 51	00	00	00	.9920 50	.2041 51	.3090 51
0.25	25	.4841 52	.1075 51	.4515 51	.0000 00	.1000 51	.2000 51	00	00	00	.1250 51	.2350 51	.3451 51
0.30	25	.4841 52	.1134 51	.4079 51	.0000 00	.1000 51	.2000 51	00	00	00	.1529 51	.2693 51	.3857 51
0.35	25	.4841 52	.1206 51	.3824 51	-.4408 46	.1000 51	.2000 51	60	72	65	.1807 51	.3038 51	.4269 51
0.40	25	.4841 52	.1289 51	.3665 51	-.3974 46	.9999 50	.2000 51	56	52	64	.2073 51	.3366 51	.4661 51
0.50	25	.4841 52	.1473 51	.3487 51	-.3033 46	.1000 51	.2002 51	52	53	63	.2542 51	.3944 51	.5348 51
0.60	25	.4841 52	.1671 51	.3395 51	-.2090 46	.1000 51	.2003 51	49	53	63	.2928 51	.4413 51	.5903 51
0.70	25	.4841 52	.1877 51	.3339 51	-.1263 46	.1000 51	.2004 51	47	53	63	.3243 51	.4794 51	.6350 51
0.80	25	.4841 52	.2088 51	.3303 51	-.5600 45	.1000 51	.2005 51	44	53	63	.3502 51	.5104 51	.6713 51
0.90	25	.4841 52	.2302 51	.3277 51	.2059 44	.1000 51	.2006 51	32	52	64	.3717 51	.5361 51	.7011 51
1.00	25	.4841 52	.2517 51	.3258 51	.5085 45	.1000 51	.2006 51	43	52	64	.3899 51	.5576 51	.7261 51
0.10	30	.4800 52	.1002 51	.1004 52	.0000 00	.1000 51	.2000 51	00	00	00	.6214 50	.1625 51	.2628 51
0.15	30	.4800 52	.1011 51	.6802 51	.0000 00	.1000 51	.2000 51	00	00	00	.7754 50	.1792 51	.2809 51
0.20	30	.4800 52	.1034 51	.5298 51	.0000 00	.1000 51	.2000 51	00	00	00	.9879 50	.2036 51	.3086 51
0.25	30	.4800 52	.1075 51	.4511 51	.0000 00	.1000 51	.2000 51	00	00	00	.1244 51	.2344 51	.3444 51
0.30	30	.4800 52	.1133 51	.4075 51	.0000 00	.1000 51	.2000 51	00	00	00	.1521 51	.2684 51	.3847 51
0.35	30	.4800 52	.1205 51	.3819 51	-.4399 46	.1000 51	.2000 51	59	72	65	.1798 51	.3028 51	.4257 51
0.40	30	.4800 52	.1287 51	.3659 51	-.3953 46	.9999 50	.2000 51	56	51	64	.2062 51	.3355 51	.4648 51
0.50	30	.4800 52	.1471 51	.3481 51	-.2981 46	.1000 51	.2002 51	52	53	63	.2530 51	.3930 51	.5333 51
0.60	30	.4800 52	.1669 51	.3388 51	-.2009 46	.1000 51	.2003 51	49	53	63	.2914 51	.4399 51	.5887 51
0.70	30	.4800 52	.1874 51	.3333 51	-.1145 46	.1000 51	.2004 51	46	53	63	.3228 51	.4778 51	.6333 51
0.80	30	.4800 52	.2084 51	.3296 51	-.4170 45	.1000 51	.2005 51	43	53	63	.3486 51	.5087 51	.6695 51
0.90	30	.4800 52	.2297 51	.3271 51	.1867 45	.1000 51	.2006 51	40	52	64	.3701 51	.5343 51	.6994 51
1.00	30	.4800 52	.2512 51	.3252 51	.6935 45	.1000 51	.2006 51	44	52	64	.3882 51	.5558 51	.7243 51

MU	G	EP	P	-ZETA	NU1	NU2	NU3	T1	T2	T3	E 1 6	E 2 6	E 3 6
0.10	8	.7553 52	.1003 51	.1006 52	.0000 00	.1000 51	.2000 51	00	00	00	.6909 50	.1696 51	.2702 51
0.15	8	.7553 52	.1018 51	.6876 51	.0000 00	.1000 51	.2000 51	00	00	00	.9303 50	.1956 51	.2983 51
0.20	8	.7553 52	.1051 51	.5444 51	.0000 00	.1000 51	.2000 51	00	00	00	.1252 51	.2323 51	.3395 51
0.25	8	.7553 52	.1108 51	.4727 51	.0000 00	.1000 51	.2000 51	00	00	00	.1623 51	.2760 51	.3897 51
0.30	8	.7553 52	.1184 51	.4344 51	.0000 00	.1000 51	.2000 51	00	00	00	.2006 51	.3217 51	.4428 51
0.35	8	.7553 52	.1274 51	.4122 51	.0000 00	.1000 51	.2000 51	00	00	00	.2373 51	.3655 51	.4938 51
0.40	8	.7553 52	.1373 51	.3985 51	-.4711 46	.1000 51	.2000 51	63	72	65	.2711 51	.4058 51	.5406 51
0.50	8	.7553 52	.1588 51	.3830 51	-.4420 46	.1000 51	.2000 51	60	71	65	.3290 51	.4743 51	.6197 51
0.60	8	.7553 52	.1816 51	.3748 51	-.4225 46	.1000 51	.2000 51	58	71	64	.3752 51	.5285 51	.6818 51
0.70	8	.7553 52	.2051 51	.3698 51	-.4081 46	.1000 51	.2000 51	57	71	64	.4123 51	.5716 51	.7310 51
0.80	8	.7553 52	.2289 51	.3664 51	-.3971 46	.9999 50	.2000 51	56	51	64	.4424 51	.6064 51	.7706 51
0.90	8	.7553 52	.2530 51	.3641 51	-.3883 46	.9999 50	.2000 51	56	49	64	.4673 51	.6351 51	.8030 51
1.00	8	.7553 52	.2772 51	.3623 51	-.3812 46	.9999 50	.2000 51	55	41	64	.4881 51	.6590 51	.8299 51
0.10	9	.7588 52	.1003 51	.1006 52	.0000 00	.1000 51	.2000 51	00	00	00	.6918 50	.1697 51	.2702 51
0.15	9	.7588 52	.1018 51	.6877 51	.0000 00	.1000 51	.2000 51	00	00	00	.9323 50	.1958 51	.2985 51
0.20	9	.7588 52	.1052 51	.5446 51	.0000 00	.1000 51	.2000 51	00	00	00	.1255 51	.2327 51	.3398 51
0.25	9	.7588 52	.1108 51	.4730 51	.0000 00	.1000 51	.2000 51	00	00	00	.1627 51	.2765 51	.3903 51
0.30	9	.7588 52	.1184 51	.4347 51	.0000 00	.1000 51	.2000 51	00	00	00	.2011 51	.3223 51	.4435 51
0.35	9	.7588 52	.1274 51	.4126 51	.0000 00	.1000 51	.2000 51	00	00	00	.2379 51	.3663 51	.4946 51
0.40	9	.7588 52	.1374 51	.3988 51	-.4717 46	.1000 51	.2000 51	63	72	65	.2718 51	.4066 51	.5415 51
0.50	9	.7588 52	.1589 51	.3834 51	-.4428 46	.1000 51	.2000 51	60	71	65	.3299 51	.4752 51	.6206 51
0.60	9	.7588 52	.1818 51	.3751 51	-.4235 46	.1000 51	.2000 51	58	72	64	.3762 51	.5295 51	.6828 51
0.70	9	.7588 52	.2052 51	.3701 51	-.4093 46	.1000 51	.2000 51	57	72	64	.4133 51	.5727 51	.7321 51
0.80	9	.7588 52	.2291 51	.3668 51	-.3984 46	.9999 50	.2000 51	56	52	64	.4435 51	.6075 51	.7717 51
0.90	9	.7588 52	.2532 51	.3645 51	-.3899 46	.9999 50	.2000 51	56	49	64	.4684 51	.6362 51	.8042 51
1.00	9	.7588 52	.2775 51	.3627 51	-.3831 46	.9999 50	.2000 51	55	45	64	.4893 51	.6601 51	.8311 51
0.10	10	.7614 52	.1003 51	.1006 52	.0000 00	.1000 51	.2000 51	00	00	00	.6924 50	.1698 51	.2703 51
0.15	10	.7614 52	.1018 51	.6877 51	.0000 00	.1000 51	.2000 51	00	00	00	.9337 50	.1960 51	.2986 51
0.20	10	.7614 52	.1052 51	.5447 51	.0000 00	.1000 51	.2000 51	00	00	00	.1257 51	.2329 51	.3401 51
0.25	10	.7614 52	.1109 51	.4732 51	.0000 00	.1000 51	.2000 51	00	00	00	.1631 51	.2769 51	.3907 51
0.30	10	.7614 52	.1185 51	.4349 51	.0000 00	.1000 51	.2000 51	00	00	00	.2016 51	.3228 51	.4440 51
0.35	10	.7614 52	.1275 51	.4128 51	.0000 00	.1000 51	.2000 51	00	00	00	.2384 51	.3668 51	.4952 51
0.40	10	.7614 52	.1374 51	.3991 51	-.4721 46	.1000 51	.2000 51	63	73	65	.2724 51	.4073 51	.5421 51
0.50	10	.7614 52	.1590 51	.3836 51	-.4434 46	.1000 51	.2000 51	60	72	65	.3305 51	.4759 51	.6214 51
0.60	10	.7614 52	.1819 51	.3754 51	-.4242 46	.1000 51	.2000 51	58	71	64	.3769 51	.5302 51	.6836 51
0.70	10	.7614 52	.2054 51	.3704 51	-.4102 46	.1000 51	.2000 51	57	70	64	.4141 51	.5735 51	.7329 51
0.80	10	.7614 52	.2293 51	.3671 51	-.3994 46	.9999 50	.2000 51	56	52	64	.4443 51	.6084 51	.7726 51
0.90	10	.7614 52	.2534 51	.3648 51	-.3910 46	.9999 50	.2000 51	56	50	64	.4692 51	.6371 51	.8050 51
1.00	10	.7614 52	.2777 51	.3630 51	-.3844 46	.9999 50	.2000 51				.4901 51	.6610 51	.8320 51
0.10	12	.7625 52	.1003 51	.1006 52	.0000 00	.1000 51	.2000 51	00	00	00	.6927 50	.1698 51	.2703 51
0.15	12	.7625 52	.1018 51	.6878 51	.0000 00	.1000 51	.2000 51	00	00	00	.9343 50	.1960 51	.2987 51
0.20	12	.7625 52	.1052 51	.5447 51	.0000 00	.1000 51	.2000 51	00	00	00	.1258 51	.2330 51	.3402 51
0.25	12	.7625 52	.1109 51	.4733 51	.0000 00	.1000 51	.2000 51	00	00	00	.1632 51	.2770 51	.3909 51
0.30	12	.7625 52	.1185 51	.4350 51	.0000 00	.1000 51	.2000 51	00	00	00	.2018 51	.3230 51	.4442 51
0.35	12	.7625 52	.1275 51	.4129 51	.0000 00	.1000 51	.2000 51	00	00	00	.2387 51	.3671 51	.4954 51
0.40	12	.7625 52	.1375 51	.3992 51	-.4723 46	.1000 51	.2000 51	63	72	65	.2727 51	.4075 51	.5424 51
0.50	12	.7625 52	.1591 51	.3838 51	-.4436 46	.1000 51	.2000 51	60	72	65	.3308 51	.4762 51	.6217 51
0.60	12	.7625 52	.1819 51	.3755 51	-.4245 46	.1000 51	.2000 51	58	70	65	.3772 51	.5306 51	.6840 51
0.70	12	.7625 52	.2054 51	.3706 51	-.4106 46	.1000 51	.2000 51	57	72	64	.4144 51	.5738 51	.7333 51
0.80	12	.7625 52	.2293 51	.3672 51	-.3999 46	.9999 50	.2000 51	56	52	64	.4447 51	.6087 51	.7729 51
0.90	12	.7625 52	.2535 51	.3649 51	-.3914 46	.9999 50	.2000 51	56	50	64	.4696 51	.6374 51	.8054 51
1.00	12	.7625 52	.2778 51	.3631 51	-.3849 46	.9999 50	.2000 51	55	47	64	.4905 51	.6614 51	.8324 51
0.10	15	.7528 52	.1003 51	.1006 52	.0000 00	.1000 51	.2000 51	00	00	00	.6902 50	.1695 51	.2701 51
0.15	15	.7528 52	.1018 51	.6875 51	.0000 00	.1000 51	.2000 51	00	00	00	.9289 50	.1955 51	.2981 51
0.20	15	.7528 52	.1051 51	.5443 51	.0000 00	.1000 51	.2000 51	00	00	00	.1249 51	.2320 51	.3392 51
0.25	15	.7528 52	.1108 51	.4725 51	.0000 00	.1000 51	.2000 51	00	00	00	.1619 51	.2756 51	.3893 51
0.30	15	.7528 52	.1183 51	.4341 51	.0000 00	.1000 51	.2000 51	00	00	00	.2001 51	.3212 51	.4423 51
0.35	15	.7528 52	.1273 51	.4120 51	.0000 00	.1000 51	.2000 51	00	00	00	.2368 51	.3650 51	.4932 51
0.40	15	.7528 52	.1372 51	.3982 51	-.4706 46	.1000 51	.2000 51	63	73	65	.2705 51	.4052 51	.5399 51
0.50	15	.7528 52	.1587 51	.3827 51	-.4414 46	.1000 51	.2000 51	60	72	65	.3283 51	.4736 51	.6189 51
0.60	15	.7528 52	.1815 51	.3745 51	-.4217 46	.1000 51	.2000 51	58	71	64	.3745 51	.5277 51	.6810 51
0.70	15	.7528 52	.2049 51	.3695 51	-.4072 46	.1000 51	.2000 51	57	71	64	.4115 51	.5708 51	.7301 51
0.80	15	.7528 52	.2287 51	.3661 51	-.3960 46	.9999 50	.2000 51	56	51	64	.4416 51	.6056 51	.7697 51
0.90	15	.7528 52	.2528 51	.3638 51	-.3872 46	.9999 50	.2000 51	55	48	64	.4665 51	.6342 51	.8021 51
1.00	15	.7528 52	.2770 51	.3620 51	-.3800 46	.1000 51	.2001 51	55	34	64	.4873 51	.6581 51	.8291 51
0.10	20	.7250 52	.1003 51	.1006 52	.0000 00	.1000 51	.2000 51	00	00	00	.6832 50	.1688 51	.2693 51
0.15	20	.7250 52	.1017 51	.6868 51	.0000 00	.1000 51	.2000 51	00	00	00	.9134 50	.1938 51	.2964 51
0.20	20	.7250 52	.1050 51	.5429 51	.0000 00	.1000 51	.2000 51	00	00	00	.1223 51	.2292 51	.3361 51
0.25	20	.7250 52	.1104 51	.4705 51	.0000 00	.1000 51	.2000 51	00	00	00	.1582 51	.2716 51	.3849 51
0.30	20	.7250 52	.1179 51	.4317 51	.0000 00	.1000 51	.2000 51	00	00	00	.1954 51	.3161 51	.4367 51
0.35	20	.7250 52	.1267 51	.4092 51	.0000 00	.1000 51	.2000 51	00	00	00	.2313 51	.3590 51	.4868 51
0.40	20	.7250 52	.1364 51	.3953 51	-.4660 46	.1000 51	.2000 51	62	72	65	.2644 51	.3986 51	.5329 51
0.50	20	.7250 52	.1577 51	.3796 51	-.4345 46	.1000 51	.2000 51	59	70	65	.3212 51	.4660 51	.6109 51
0.60	20	.7250 52	.1802 51	.3713 51	-.4128 46	.1000 51	.2000 51	57	71	64	.3667 51	.5195 51	.6724 51
0.70	20	.7250 52	.2034 51	.3663 51	-.3965 46	.9999 50	.2000 51	56	51	64	.4032 51	.5621 51	.7211 51
0.80	20	.7250 52	.2269 51	.3629 51	-.3839 46	.9999 50	.2000 51	55	46	64	.4329 51	.5966 51	.7604 51
0.90	20	.7250 52	.2507 51	.3605 51	-.3736 46	.1000 51	.2001 51	55	48	64	.4575 51	.6249 51	.7925 51
1.00	20	.7250 52	.2747 51	.3588 51	-.3653 46	.1000 51	.2001 51	54	50	64	.4780 51	.6486 51	.8193 51
0.10	25	.7061 52	.1003 51	.1006 52	.0000 00	.1000 51	.2000 51	00	00	00	.6785 50	.1683 51	.2688 51
0.15	25	.7061 52	.1016 51	.6863 51	.0000 00	.1000 51	.2000 51	00	00	00	.9028 50	.1927 51	.2952 51
0.20	25	.7061 52	.1048 51	.5419 51	.0000 00	.1000 51	.2000 51	00	00	00	.1205 51	.2273 51	.3341 51
0.25	25	.7061 52	.1102 51	.4691 51	.0000 00	.1000 51	.2000 51	00	00	00	.1557 51	.2688 51	.3819 51
0.30	25	.7061 52	.1175 51	.4300 51	.0000 00	.1000 51	.2000 51	00	00	00	.1922 51	.3126 51	.4330 51
0.35	25	.7061 52	.1262 51	.4074 51	.0000 00	.1000 51	.2000 51	00	00	00	.2275 51	.3550 51	.4824 51
0.40	25	.7061 52	.1359 51	.3933 51	-.4621 46	.1000 51	.2000 51	62	71	65	.2601 51	.3941 51	.5280 51
0.50	25	.7061 52	.1570 51	.3775 51	-.4298 46	.1000 51	.2000 51	59	70	65	.3163 51	.4608 51	.6054 51
0.60	25	.7061 52	.1793 51	.3691 51	-.4061 46	.1000 51	.2000 51	57	71	64	.3613 51	.5138 51	.6665 51
0.70	25	.7061 52	.2023 51	.3640 51	-.3883 46	.9999 50	.2000 51	56	49	64	.3974 51	.5561 51	.7149 51
0.80	25	.7061 52	.2257 51	.3607 51	-.3742 46	.1000 51	.2001 51	55	47	64	.4269 51	.5904 51	.7540 51
0.90	25	.7061 52	.2493 51	.3583 51	-.3633 46	.1000 51	.2001 51	54	50	64	.4513 51	.6185 51	.7860 51
1.00	25	.7061 52	.2731 51	.3565 51	-.3538 46	.1000 51	.2001 51	54	51	64	.4716 51	.6420 51	.8126 51
0.10	30	.6999 52	.1003 51	.1006 52	.0000 00	.1000 51	.2000 51	00	00	00	.6769 50	.1682 51	.2687 51
0.15	30	.6999 52	.1016 51	.6861 51	.0000 00	.1000 51	.2000 51	00	00	00	.8993 50	.1923 51	.2948 51
0.20	30	.6999 52	.1048 51	.5416 51	.0000 00	.1000 51	.2000 51	00	00	00	.1199 51	.2266 51	.3334 51
0.25	30	.6999 52	.1102 51	.4687 51	.0000 00	.1000 51	.2000 51	00	00	00	.1549 51	.2679 51	.3810 51
0.30	30	.6999 52	.1174 51	.4294 51	.0000 00	.1000 51	.2000 51	00	00	00	.1912 51	.3114 51	.4317 51
0.35	30	.6999 52	.1261 51	.4067 51	.0000 00	.1000 51	.2000 51	00	00	00	.2263 51	.3536 51	.4810 51
0.40	30	.6999 52	.1357 51	.3926 51	-.4609 46	.1000 51	.2000 51	62	72	65	.2587 51	.3926 51	.5264 51
0.50	30	.6999 52	.1567 51	.3768 51	-.4277 46	.1000 51	.2000 51	58	72	65	.3146 51	.4591 51	.6036 51
0.60	30	.6999 52	.1790 51	.3684 51	-.4038 46	.1000 51	.2000 51	56	71	64	.3595 51	.5120 51	.6645 51
0.70	30	.6999 52	.2019 51	.3633 51	-.3857 46	.9999 50	.2000 51	55	47	64	.3955 51	.5541 51	.7129 51
0.80	30	.6999 52	.2253 51	.3599 51	-.3709 46	.1000 51	.2001 51	55	49	64	.4249 51	.5883 51	.7518 51
0.90	30	.6999 52	.2489 51	.3575 51	-.3592 46	.1000 51	.2001 51	54	51	64	.4492 51	.6164 51	.7838 51
1.00	30	.6999 52	.2726 51	.3558 51	-.3497 46	.1000 51	.2001 51	54	51	64	.4695 51	.6398 51	.8104 51

MU	G	EP	P	-ZETA	NU1	NU2	NU3	T1	T2	T3	E 1 7	E 2 7	E 3 7
0.10	8	.1066 53	.1005 51	.1009 52	.0000 00	.1000 51	.2000 51	00	00	00	.7692 50	.1777 51	.2784 51
0.15	8	.1066 53	.1025 51	.6955 51	.0000 00	.1000 51	.2000 51	00	00	00	.1103 51	.2139 51	.3175 51
0.20	8	.1066 53	.1069 51	.5592 51	.0000 00	.1000 51	.2000 51	00	00	00	.1539 51	.2633 51	.3726 51
0.25	8	.1066 53	.1140 51	.4935 51	.0000 00	.1000 51	.2000 51	00	00	00	.2024 51	.3194 51	.4365 51
0.30	8	.1066 53	.1231 51	.4590 51	.0000 00	.1000 51	.2000 51	00	00	00	.2505 51	.3756 51	.5006 51
0.35	8	.1066 53	.1335 51	.4392 51	.0000 00	.1000 51	.2000 51	00	00	00	.2953 51	.4278 51	.5602 51
0.40	8	.1066 53	.1448 51	.4269 51	.0000 00	.1000 51	.2000 51	00	00	00	.3357 51	.4746 51	.6135 51
0.50	8	.1066 53	.1690 51	.4129 51	.0000 00	.1000 51	.2000 51	00	00	00	.4032 51	.5524 51	.7016 51
0.60	8	.1066 53	.1942 51	.4053 51	.0000 00	.1000 51	.2000 51	00	00	00	.4562 51	.6129 51	.7696 51
0.70	8	.1066 53	.2201 51	.4007 51	.0000 00	.1000 51	.2000 51	00	00	00	.4981 51	.6605 51	.8229 51
0.80	8	.1066 53	.2462 51	.3975 51	-.4695 46	.1000 51	.2000 51	63	72	65	.5320 51	.6988 51	.8656 51
0.90	8	.1066 53	.2726 51	.3953 51	-.4660 46	.1000 51	.2000 51	62	73	65	.5597 51	.7300 51	.9003 51
1.00	8	.1066 53	.2991 51	.3936 51	-.4627 46	.1000 51	.2000 51	62	72	65	.5829 51	.7560 51	.9292 51
0.10	9	.1069 53	.1005 51	.1009 52	.0000 00	.1000 51	.2000 51	00	00	00	.7698 50	.1777 51	.2785 51
0.15	9	.1069 53	.1025 51	.6956 51	.0000 00	.1000 51	.2000 51	00	00	00	.1104 51	.2140 51	.3176 51
0.20	9	.1069 53	.1069 51	.5593 51	.0000 00	.1000 51	.2000 51	00	00	00	.1541 51	.2635 51	.3729 51
0.25	9	.1069 53	.1140 51	.4936 51	.0000 00	.1000 51	.2000 51	00	00	00	.2027 51	.3198 51	.4368 51
0.30	9	.1069 53	.1231 51	.4591 51	.0000 00	.1000 51	.2000 51	00	00	00	.2509 51	.3760 51	.5011 51
0.35	9	.1069 53	.1336 51	.4394 51	.0000 00	.1000 51	.2000 51	00	00	00	.2957 51	.4282 51	.5607 51
0.40	9	.1069 53	.1449 51	.4271 51	.0000 00	.1000 51	.2000 51	00	00	00	.3361 51	.4751 51	.6140 51
0.50	9	.1069 53	.1691 51	.4131 51	.0000 00	.1000 51	.2000 51	00	00	00	.4038 51	.5530 51	.7022 51
0.60	9	.1069 53	.1943 51	.4055 51	.0000 00	.1000 51	.2000 51	00	00	00	.4567 51	.6135 51	.7702 51
0.70	9	.1069 53	.2202 51	.4009 51	.0000 00	.1000 51	.2000 51	00	00	00	.4987 51	.6611 51	.8235 51
0.80	9	.1069 53	.2463 51	.3977 51	-.4698 46	.1000 51	.2000 51	63	72	65	.5326 51	.6994 51	.8662 51
0.90	9	.1069 53	.2727 51	.3955 51	-.4663 46	.1000 51	.2000 51	63	72	65	.5604 51	.7307 51	.9010 51
1.00	9	.1069 53	.2993 51	.3938 51	-.4630 46	.1000 51	.2000 51	62	73	65	.5835 51	.7567 51	.9298 51
0.10	10	.1069 53	.1005 51	.1009 52	.0000 00	.1000 51	.2000 51	00	00	00	.7698 50	.1777 51	.2785 51
0.15	10	.1069 53	.1025 51	.6956 51	.0000 00	.1000 51	.2000 51	00	00	00	.1104 51	.2140 51	.3176 51
0.20	10	.1069 53	.1069 51	.5594 51	.0000 00	.1000 51	.2000 51	00	00	00	.1542 51	.2635 51	.3729 51
0.25	10	.1069 53	.1140 51	.4936 51	.0000 00	.1000 51	.2000 51	00	00	00	.2027 51	.3198 51	.4368 51
0.30	10	.1069 53	.1231 51	.4591 51	.0000 00	.1000 51	.2000 51	00	00	00	.2509 51	.3760 51	.5011 51
0.35	10	.1069 53	.1336 51	.4394 51	.0000 00	.1000 51	.2000 51	00	00	00	.2958 51	.4282 51	.5607 51
0.40	10	.1069 53	.1449 51	.4271 51	.0000 00	.1000 51	.2000 51	00	00	00	.3362 51	.4751 51	.6140 51
0.50	10	.1069 53	.1691 51	.4131 51	.0000 00	.1000 51	.2000 51	00	00	00	.4038 51	.5530 51	.7022 51
0.60	10	.1069 53	.1943 51	.4055 51	.0000 00	.1000 51	.2000 51				.4568 51	.6135 51	.7702 51
0.70	10	.1069 53	.2202 51	.4009 51	.0000 00	.1000 51	.2000 51	00	00	00	.4988 51	.6612 51	.8236 51
0.80	10	.1069 53	.2464 51	.3978 51	-.4698 46	.1000 51	.2000 51	63	72	65	.5326 51	.6994 51	.8663 51
0.90	10	.1069 53	.2728 51	.3955 51	-.4664 46	.1000 51	.2000 51	63	72	65	.5604 51	.7307 51	.9011 51
1.00	10	.1069 53	.2993 51	.3938 51	-.4631 46	.1000 51	.2000 51	62	72	65	.5836 51	.7567 51	.9299 51
0.10	12	.1062 53	.1005 51	.1009 52	.0000 00	.1000 51	.2000 51	00	00	00	.7681 50	.1775 51	.2783 51
0.15	12	.1062 53	.1024 51	.6954 51	.0000 00	.1000 51	.2000 51	00	00	00	.1100 51	.2136 51	.3172 51
0.20	12	.1062 53	.1069 51	.5590 51	.0000 00	.1000 51	.2000 51	00	00	00	.1535 51	.2629 51	.3722 51
0.25	12	.1062 53	.1140 51	.4932 51	.0000 00	.1000 51	.2000 51	00	00	00	.2019 51	.3189 51	.4358 51
0.30	12	.1062 53	.1230 51	.4586 51	.0000 00	.1000 51	.2000 51	00	00	00	.2499 51	.3749 51	.4999 51
0.35	12	.1062 53	.1335 51	.4389 51	.0000 00	.1000 51	.2000 51	00	00	00	.2945 51	.4269 51	.5593 51
0.40	12	.1062 53	.1447 51	.4265 51	.0000 00	.1000 51	.2000 51	00	00	00	.3348 51	.4737 51	.6125 51
0.50	12	.1062 53	.1689 51	.4125 51	.0000 00	.1000 51	.2000 51	00	00	00	.4023 51	.5514 51	.7005 51
0.60	12	.1062 53	.1941 51	.4049 51	.0000 00	.1000 51	.2000 51	00	00	00	.4551 51	.6118 51	.7684 51
0.70	12	.1062 53	.2199 51	.4003 51	.0000 00	.1000 51	.2000 51	00	00	00	.4970 51	.6593 51	.8217 51
0.80	12	.1062 53	.2460 51	.3971 51	-.4688 46	.1000 51	.2000 51	63	72	65	.5308 51	.6976 51	.8643 51
0.90	12	.1062 53	.2724 51	.3949 51	-.4649 46	.1000 51	.2000 51	62	72	65	.5585 51	.7288 51	.8990 51
1.00	12	.1062 53	.2989 51	.3932 51	-.4620 46	.1000 51	.2000 51	62	73	65	.5816 51	.7547 51	.9279 51
0.10	15	.1037 53	.1005 51	.1008 52	.0000 00	.1000 51	.2000 51	00	00	00	.7619 50	.1769 51	.2777 51
0.15	15	.1037 53	.1024 51	.6948 51	.0000 00	.1000 51	.2000 51	00	00	00	.1087 51	.2122 51	.3157 51
0.20	15	.1037 53	.1068 51	.5579 51	.0000 00	.1000 51	.2000 51	00	00	00	.1513 51	.2605 51	.3696 51
0.25	15	.1037 53	.1137 51	.4917 51	.0000 00	.1000 51	.2000 51	00	00	00	.1988 51	.3155 51	.4323 51
0.30	15	.1037 53	.1227 51	.4569 51	.0000 00	.1000 51	.2000 51	00	00	00	.2461 51	.3708 51	.4955 51
0.35	15	.1037 53	.1330 51	.4369 51	.0000 00	.1000 51	.2000 51	00	00	00	.2902 51	.4223 51	.5544 51
0.40	15	.1037 53	.1442 51	.4245 51	.0000 00	.1000 51	.2000 51	00	00	00	.3300 51	.4685 51	.6071 51
0.50	15	.1037 53	.1681 51	.4104 51	.0000 00	.1000 51	.2000 51	00	00	00	.3967 51	.5456 51	.6945 51
0.60	15	.1037 53	.1932 51	.4028 51	.0000 00	.1000 51	.2000 51	00	00	00	.4491 51	.6055 51	.7620 51
0.70	15	.1037 53	.2188 51	.3981 51	-.4704 46	.1000 51	.2000 51	63	72	65	.4906 51	.6528 51	.8149 51
0.80	15	.1037 53	.2448 51	.3949 51	-.4650 46	.1000 51	.2000 51	62	72	65	.5242 51	.6907 51	.8573 51
0.90	15	.1037 53	.2710 51	.3927 51	-.4610 46	.1000 51	.2000 51	62	72	65	.5517 51	.7218 51	.8919 51
1.00	15	.1037 53	.2973 51	.3910 51	-.4583 46	.1000 51	.2000 51	62	72	65	.5746 51	.7476 51	.9206 51
0.10	20	.9947 52	.1004 51	.1008 52	.0000 00	.1000 51	.2000 51	00	00	00	.7511 50	.1758 51	.2765 51
0.15	20	.9947 52	.1023 51	.6937 51	.0000 00	.1000 51	.2000 51	00	00	00	.1063 51	.2097 51	.3131 51
0.20	20	.9947 52	.1065 51	.5559 51	.0000 00	.1000 51	.2000 51	00	00	00	.1474 51	.2562 51	.3651 51
0.25	20	.9947 52	.1133 51	.4889 51	.0000 00	.1000 51	.2000 51	00	00	00	.1933 51	.3097 51	.4260 51
0.30	20	.9947 52	.1221 51	.4537 51	.0000 00	.1000 51	.2000 51	00	00	00	.2393 51	.3636 51	.4878 51
0.35	20	.9947 52	.1322 51	.4334 51	.0000 00	.1000 51	.2000 51	00	00	00	.2824 51	.4140 51	.5456 51
0.40	20	.9947 52	.1432 51	.4209 51	.0000 00	.1000 51	.2000 51	00	00	00	.3213 51	.4594 51	.5975 51
0.50	20	.9947 52	.1668 51	.4065 51	.0000 00	.1000 51	.2000 51	00	00	00	.3869 51	.5353 51	.6837 51
0.60	20	.9947 52	.1916 51	.3989 51	-.4717 46	.1000 51	.2000 51	63	72	65	.4384 51	.5944 51	.7504 51
0.70	20	.9947 52	.2169 51	.3942 51	-.4636 46	.1000 51	.2000 51	62	72	65	.4793 51	.6411 51	.8029 51
0.80	20	.9947 52	.2426 51	.3910 51	-.4582 46	.1000 51	.2000 51	62	72	65	.5124 51	.6786 51	.8449 51
0.90	20	.9947 52	.2685 51	.3887 51	-.4536 46	.1000 51	.2000 51	61	71	65	.5395 51	.7093 51	.8791 51
1.00	20	.9947 52	.2945 51	.3870 51	-.4503 46	.1000 51	.2000 51	61	71	65	.5622 51	.7348 51	.9076 51
0.10	25	.9685 52	.1004 51	.1008 52	.0000 00	.1000 51	.2000 51	00	00	00	.7445 50	.1751 51	.2758 51
0.15	25	.9685 52	.1022 51	.6931 51	.0000 00	.1000 51	.2000 51	00	00	00	.1048 51	.2081 51	.3114 51
0.20	25	.9685 52	.1064 51	.5547 51	.0000 00	.1000 51	.2000 51	00	00	00	.1450 51	.2536 51	.3623 51
0.25	25	.9685 52	.1130 51	.4873 51	.0000 00	.1000 51	.2000 51	00	00	00	.1900 51	.3061 51	.4221 51
0.30	25	.9685 52	.1217 51	.4517 51	.0000 00	.1000 51	.2000 51	00	00	00	.2352 51	.3591 51	.4831 51
0.35	25	.9685 52	.1317 51	.4313 51	.0000 00	.1000 51	.2000 51	00	00	00	.2776 51	.4089 51	.5402 51
0.40	25	.9685 52	.1426 51	.4186 51	.0000 00	.1000 51	.2000 51	00	00	00	.3161 51	.4538 51	.5915 51
0.50	25	.9685 52	.1660 51	.4042 51	.0000 00	.1000 51	.2000 51	00	00	00	.3808 51	.5289 51	.6770 51
0.60	25	.9685 52	.1906 51	.3964 51	-.4676 46	.1000 51	.2000 51	63	73	65	.4318 51	.5875 51	.7433 51
0.70	25	.9685 52	.2157 51	.3917 51	-.4592 46	.1000 51	.2000 51	62	71	65	.4723 51	.6339 51	.7954 51
0.80	25	.9685 52	.2412 51	.3885 51	-.4532 46	.1000 51	.2000 51	61	72	65	.5051 51	.6711 51	.8372 51
0.90	25	.9685 52	.2669 51	.3863 51	-.4491 46	.1000 51	.2000 51	60	71	65	.5320 51	.7016 51	.8712 51
1.00	25	.9685 52	.2928 51	.3846 51	-.4453 46	.1000 51	.2000 51	60	72	65	.5545 51	.7270 51	.8995 51
0.10	30	.9600 52	.1004 51	.1008 52	.0000 00	.1000 51	.2000 51	00	00	00	.7423 50	.1749 51	.2756 51
0.15	30	.9600 52	.1022 51	.6928 51	.0000 00	.1000 51	.2000 51	00	00	00	.1044 51	.2076 51	.3109 51
0.20	30	.9600 52	.1063 51	.5543 51	.0000 00	.1000 51	.2000 51	00	00	00	.1442 51	.2528 51	.3614 51
0.25	30	.9600 52	.1129 51	.4867 51	.0000 00	.1000 51	.2000 51	00	00	00	.1889 51	.3049 51	.4209 51
0.30	30	.9600 52	.1216 51	.4510 51	.0000 00	.1000 51	.2000 51	00	00	00	.2339 51	.3577 51	.4815 51
0.35	30	.9600 52	.1316 51	.4306 51	.0000 00	.1000 51	.2000 51	00	00	00	.2760 51	.4072 51	.5384 51
0.40	30	.9600 52	.1424 51	.4178 51	-.5015 46	.1000 51	.1999 51	68	73	10	.3143 51	.4520 51	.5896 51
0.50	30	.9600 52	.1658 51	.4034 51	-.4792 46	.1000 51	.2000 51	64	72	64	.3788 51	.5268 51	.6748 51
0.60	30	.9600 52	.1902 51	.3956 51	-.4666 46	.1000 51	.2000 51	63	72	65	.4296 51	.5853 51	.7410 51
0.70	30	.9600 52	.2153 51	.3909 51	-.4581 46	.1000 51	.2000 51	61	72	65	.4700 51	.6315 51	.7930 51
0.80	30	.9600 52	.2408 51	.3877 51	-.4517 46	.1000 51	.2000 51	61	72	65	.5027 51	.6687 51	.8347 51
0.90	30	.9600 52	.2664 51	.3854 51	-.4471 46	.1000 51	.2000 51	60	71	65	.5296 51	.6991 51	.8687 51
1.00	30	.9600 52	.2922 51	.3837 51	-.4436 46	.1000 51	.2000 51	60	72	65	.5520 51	.7244 51	.8969 51

MU	G	EP	P	-ZETA	NU1	NU2	NU3	T1	T2	T3	E 1 8	E 2 8	E 3 8
0.10	8	.1046 53	.1005 51	.1008 52	.0000 00	.1000 51	.2000 51	00	00	00	.7640 50	.1771 51	.2779 51
0.15	8	.1046 53	.1024 51	.6950 51	.0000 00	.1000 51	.2000 51	00	00	00	.1091 51	.2127 51	.3162 51
0.20	8	.1046 53	.1068 51	.5583 51	.0000 00	.1000 51	.2000 51	00	00	00	.1521 51	.2613 51	.3705 51
0.25	8	.1046 53	.1138 51	.4922 51	.0000 00	.1000 51	.2000 51	00	00	00	.1999 51	.3167 51	.4335 51
0.30	8	.1046 53	.1228 51	.4575 51	.0000 00	.1000 51	.2000 51	00	00	00	.2474 51	.3722 51	.4970 51
0.35	8	.1046 53	.1332 51	.4376 51	.0000 00	.1000 51	.2000 51	00	00	00	.2917 51	.4239 51	.5561 51
0.40	8	.1046 53	.1444 51	.4252 51	.0000 00	.1000 51	.2000 51	00	00	00	.3316 51	.4703 51	.6090 51
0.50	8	.1046 53	.1684 51	.4111 51	.0000 00	.1000 51	.2000 51	00	00	00	.3986 51	.5476 51	.6965 51
0.60	8	.1046 53	.1935 51	.4035 51	.0000 00	.1000 51	.2000 51	00	00	00	.4512 51	.6077 51	.7642 51
0.70	8	.1046 53	.2192 51	.3988 51	-.4717 46	.1000 51	.2000 51	63	72	65	.4928 51	.6551 51	.8173 51
0.80	8	.1046 53	.2452 51	.3957 51	-.4667 46	.1000 51	.2000 51	63	73	65	.5265 51	.6931 51	.8598 51
0.90	8	.1046 53	.2715 51	.3935 51	-.4624 46	.1000 51	.2000 51	62	73	65	.5540 51	.7242 51	.8944 51
1.00	8	.1046 53	.2979 51	.3918 51	-.4593 46	.1000 51	.2000 51	62	72	65	.5771 51	.7501 51	.9231 51
0.10	9	.8313 52	.1004 51	.1007 52	.0000 00	.1000 51	.2000 51	00	00	00	.7100 50	.1716 51	.2722 51
0.15	9	.8313 52	.1019 51	.6896 51	.0000 00	.1000 51	.2000 51	00	00	00	.9727 50	.2001 51	.3030 51
0.20	9	.8313 52	.1056 51	.5481 51	.0000 00	.1000 51	.2000 51	00	00	00	.1323 51	.2400 51	.3477 51
0.25	9	.8313 52	.1116 51	.4781 51	.0000 00	.1000 51	.2000 51	00	00	00	.1723 51	.2869 51	.4015 51
0.30	9	.8313 52	.1196 51	.4408 51	.0000 00	.1000 51	.2000 51	00	00	00	.2131 51	.3353 51	.4575 51
0.35	9	.8313 52	.1290 51	.4194 51	.0000 00	.1000 51	.2000 51	00	00	00	.2520 51	.3814 51	.5108 51
0.40	9	.8313 52	.1393 51	.4060 51	.0000 00	.1000 51	.2000 51	00	00	00	.2875 51	.4234 51	.5593 51
0.50	9	.8313 52	.1615 51	.3910 51	-.4582 46	.1000 51	.2000 51	62	71	65	.3480 51	.4944 51	.6408 51
0.60	9	.8313 52	.1850 51	.3829 51	-.4419 46	.1000 51	.2000 51	60	72	65	.3960 51	.5503 51	.7045 51
0.70	9	.8313 52	.2091 51	.3780 51	-.4308 46	.1000 51	.2000 51	59	71	65	.4344 51	.5946 51	.7548 51
0.80	9	.8313 52	.2335 51	.3748 51	-.4225 46	.1000 51	.2000 51	58	71	64	.4655 51	.6303 51	.7952 51
0.90	9	.8313 52	.2582 51	.3724 51	-.4165 46	.1000 51	.2000 51	57	71	64	.4912 51	.6597 51	.8282 51
1.00	9	.8313 52	.2831 51	.3707 51	-.4110 46	.1000 51	.2000 51	57	71	64	.5126 51	.6841 51	.8557 51
0.10	10	.6774 52	.1003 51	.1005 52	.0000 00	.1000 51	.2000 51	00	00	00	.6713 50	.1676 51	.2681 51
0.15	10	.6774 52	.1016 51	.6855 51	.0000 00	.1000 51	.2000 51	00	00	00	.8867 50	.1910 51	.2934 51
0.20	10	.6774 52	.1047 51	.5404 51	.0000 00	.1000 51	.2000 51	00	00	00	.1178 51	.2243 51	.3309 51
0.25	10	.6774 52	.1099 51	.4670 51	.0000 00	.1000 51	.2000 51	00	00	00	.1518 51	.2646 51	.3773 51
0.30	10	.6774 52	.1170 51	.4274 51	.0000 00	.1000 51	.2000 51	00	00	00	.1873 51	.3072 51	.4271 51
0.35	10	.6774 52	.1256 51	.4044 51	.0000 00	.1000 51	.2000 51	00	00	00	.2217 51	.3487 51	.4756 51
0.40	10	.6774 52	.1351 51	.3902 51	-.4564 46	.1000 51	.2000 51	61	72	65	.2536 51	.3871 51	.5205 51
0.50	10	.6774 52	.1558 51	.3742 51	-.4209 46	.1000 51	.2000 51	58	71	64	.3087 51	.4528 51	.5969 51
0.60	10	.6774 52	.1779 51	.3657 51	-.3945 46	.9999 50	.2000 51	56	51	64	.3529 51	.5051 51	.6573 51
0.70	10	.6774 52	.2006 51	.3606 51	-.3738 46	.1000 51	.2001 51	55	48	64	.3886 51	.5469 51	.7053 51
0.80	10	.6774 52	.2237 51	.3572 51	-.3574 46	.1000 51	.2001 51	54	51	64	.4176 51	.5807 51	.7440 51
0.90	10	.6774 52	.2471 51	.3548 51	-.3441 46	.1000 51	.2001 51	53	52	64	.4417 51	.6086 51	.7758 51
1.00	10	.6774 52	.2707 51	.3530 51	-.3333 46	.1000 51	.2001 51	53	52	64	.4618 51	.6319 51	.8022 51
0.10	12	.4773 52	.1002 51	.1004 52	.0000 00	.1000 51	.2000 51	00	00	00	.6208 50	.1624 51	.2627 51
0.15	12	.4773 52	.1011 51	.6802 51	.0000 00	.1000 51	.2000 51	00	00	00	.7739 50	.1791 51	.2808 51
0.20	12	.4773 52	.1034 51	.5297 51	.0000 00	.1000 51	.2000 51	00	00	00	.9852 50	.2034 51	.3082 51
0.25	12	.4773 52	.1075 51	.4509 51	.0000 00	.1000 51	.2000 51	00	00	00	.1240 51	.2339 51	.3439 51
0.30	12	.4773 52	.1132 51	.4072 51	.0000 00	.1000 51	.2000 51	00	00	00	.1516 51	.2679 51	.3841 51
0.35	12	.4773 52	.1204 51	.3815 51	-.4388 46	.1000 51	.2000 51	59	72	65	.1792 51	.3021 51	.4250 51
0.40	12	.4773 52	.1286 51	.3656 51	-.3940 46	.9999 50	.2000 51	56	51	64	.2055 51	.3347 51	.4640 51
0.50	12	.4773 52	.1469 51	.3477 51	-.2947 46	.1000 51	.2002 51	52	53	63	.2522 51	.3921 51	.5324 51
0.60	12	.4773 52	.1667 51	.3384 51	-.1951 46	.1000 51	.2003 51	49	53	63	.2905 51	.4389 51	.5877 51
0.70	12	.4773 52	.1872 51	.3328 51	-.1067 46	.1000 51	.2004 51	46	53	63	.3218 51	.4767 51	.6323 51
0.80	12	.4773 52	.2082 51	.3292 51	-.3215 45	.1000 51	.2005 51	42	53	64	.3476 51	.5077 51	.6684 51
0.90	12	.4773 52	.2295 51	.3266 51	.2980 45	.1000 51	.2006 51	41	52	64	.3690 51	.5333 51	.6983 51
1.00	12	.4773 52	.2509 51	.3247 51	.8172 45	.1000 51	.2007 51	44	52	55	.3871 51	.5547 51	.7232 51
0.10	15	.3141 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5795 50	.1581 51	.2584 51
0.15	15	.3141 52	.1007 51	.6756 51	.0000 00	.1000 51	.2000 51	00	00	00	.6810 50	.1692 51	.2704 51
0.20	15	.3141 52	.1023 51	.5202 51	.0000 00	.1000 51	.2000 51	00	00	00	.8237 50	.1857 51	.2891 51
0.25	15	.3141 52	.1052 51	.4360 51	.0000 00	.1000 51	.2000 51	00	00	00	.1001 51	.2073 51	.3146 51
0.30	15	.3141 52	.1096 51	.3875 51	-.4513 46	.1000 51	.2000 51	61	72	65	.1201 51	.2326 51	.3450 51
0.35	15	.3141 52	.1153 51	.3584 51	-.3640 46	.1000 51	.2001 51	54	50	64	.1410 51	.2593 51	.3778 51
0.40	15	.3141 52	.1220 51	.3401 51	-.2174 46	.1000 51	.2003 51	49	53	63	.1616 51	.2859 51	.4104 51
0.50	15	.3141 52	.1376 51	.3197 51	.2475 46	.1001 51	.2008 51	46	52	56	.1994 51	.3345 51	.4704 51
0.60	15	.3141 52	.1548 51	.3092 51	.7832 46	.1001 51	.2013 51	46	51	64	.2315 51	.3753 51	.5207 51
0.70	15	.3141 52	.1729 51	.3030 51	.1271 47	.1002 51	.2017 51	46	51	60	.2582 51	.4091 51	.5618 51
0.80	15	.3141 52	.1915 51	.2990 51	.1684 47	.1003 51	.2020 51	46	50	58	.2805 51	.4369 51	.5957 51
0.90	15	.3141 52	.2104 51	.2962 51	.2025 47	.1003 51	.2023 51	46	50	57	.2992 51	.4602 51	.6238 51
1.00	15	.3141 52	.2296 51	.2942 51	.2308 47	.1003 51	.2024 51	46	50	56	.3150 51	.4798 51	.6473 51
0.10	20	.1892 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5479 50	.1549 51	.2550 51
0.15	20	.1892 52	.1004 51	.6721 51	.0000 00	.1000 51	.2000 51	00	00	00	.6094 50	.1616 51	.2623 51
0.20	20	.1892 52	.1014 51	.5126 51	.0000 00	.1000 51	.2000 51	00	00	00	.6971 50	.1718 51	.2739 51
0.25	20	.1892 52	.1033 51	.4230 51	.0000 00	.1000 51	.2000 51	00	00	00	.8096 50	.1857 51	.2904 51
0.30	20	.1892 52	.1063 51	.3695 51	-.4072 46	.1000 51	.2000 51	57	70	64	.9419 50	.2028 51	.3114 51
0.35	20	.1892 52	.1105 51	.3362 51	-.1628 46	.1000 51	.2003 51	48	53	63	.1086 51	.2220 51	.3358 51
0.40	20	.1892 52	.1156 51	.3148 51	.4600 46	.1001 51	.2010 51	46	52	55	.1235 51	.2422 51	.3619 51
0.50	20	.1892 52	.1281 51	.2907 51	.2854 47	.1004 51	.2028 51	46	50	55	.1523 51	.2816 51	.4134 51
0.60	20	.1892 52	.1424 51	.2784 51	.5773 47	.1008 51	.2043 51	44	49	52	.1778 51	.3165 51	.4590 51
0.70	20	.1892 52	.1578 51	.2713 51	.8431 47	.1010 51	.2055 51	43	48	51	.1997 51	.3460 51	.4974 51
0.80	20	.1892 52	.1738 51	.2668 51	.1064 48	.1012 51	.2063 51	43	48	50	.2183 51	.3709 51	.5294 51
0.90	20	.1892 52	.1902 51	.2636 51	.1243 48	.1014 51	.2070 51	42	48	50	.2341 51	.3919 51	.5562 51
1.00	20	.1892 52	.2068 51	.2614 51	.1389 48	.1016 51	.2074 51	42	47	50	.2477 51	.4097 51	.5788 51
0.10	25	.1363 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5345 50	.1535 51	.2536 51
0.15	25	.1363 52	.1003 51	.6706 51	.0000 00	.1000 51	.2000 51	00	00	00	.5789 50	.1584 51	.2589 51
0.20	25	.1363 52	.1010 51	.5091 51	.0000 00	.1000 51	.2000 51	00	00	00	.6426 50	.1658 51	.2673 51
0.25	25	.1363 52	.1024 51	.4171 51	.0000 00	.1000 51	.2000 51	00	00	00	.7255 50	.1761 51	.2796 51
0.30	25	.1363 52	.1047 51	.3607 51	-.3743 46	.1000 51	.2001 51	55	47	64	.8252 50	.1891 51	.2959 51
0.35	25	.1363 52	.1080 51	.3249 51	.7819 45	.1000 51	.2006 51	44	52	55	.9373 50	.2044 51	.3158 51
0.40	25	.1363 52	.1123 51	.3014 51	.1425 47	.1002 51	.2018 51	46	51	59	.1056 51	.2212 51	.3383 51
0.50	25	.1363 52	.1229 51	.2747 51	.7059 47	.1009 51	.2049 51	44	48	51	.1294 51	.2553 51	.3852 51
0.60	25	.1363 52	.1355 51	.2610 51	.1413 48	.1016 51	.2075 51	42	47	49	.1513 51	.2869 51	.4285 51
0.70	25	.1363 52	.1492 51	.2532 51	.2058 48	.1021 51	.2094 51	41	47	50	.1705 51	.3143 51	.4657 51
0.80	25	.1363 52	.1636 51	.2482 51	.2588 48	.1026 51	.2108 51	40	47	43	.1870 51	.3377 51	.4971 51
0.90	25	.1363 52	.1785 51	.2448 51	.3014 48	.1029 51	.2118 51	40	47	46	.2012 51	.3576 51	.5235 51
1.00	25	.1363 52	.1937 51	.2424 51	.3357 48	.1032 51	.2126 51	39	47	45	.2135 51	.3745 51	.5459 51
0.10	30	.1200 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5304 50	.1531 51	.2532 51
0.15	30	.1200 52	.1003 51	.6701 51	.0000 00	.1000 51	.2000 51	00	00	00	.5695 50	.1574 51	.2578 51
0.20	30	.1200 52	.1009 51	.5081 51	.0000 00	.1000 51	.2000 51	00	00	00	.6257 50	.1639 51	.2653 51
0.25	30	.1200 52	.1021 51	.4152 51	.0000 00	.1000 51	.2000 51	00	00	00	.6992 50	.1730 51	.2762 51
0.30	30	.1200 52	.1042 51	.3578 51	-.3608 46	.1000 51	.2001 51	54	50	64	.7883 50	.1848 51	.2909 51
0.35	30	.1200 52	.1072 51	.3210 51	.1990 46	.1000 51	.2008 51	46	52	55	.8895 50	.1987 51	.3092 51
0.40	30	.1200 52	.1111 51	.2968 51	.1947 47	.1003 51	.2022 51	46	50	57	.9980 50	.2142 51	.3305 51
0.50	30	.1200 52	.1211 51	.2690 51	.9483 47	.1011 51	.2059 51	43	48	50	.1218 51	.2466 51	.3758 51
0.60	30	.1200 52	.1330 51	.2548 51	.1908 48	.1020 51	.2090 51	41	47	50	.1424 51	.2770 51	.4183 51
0.70	30	.1200 52	.1461 51	.2466 51	.2782 48	.1027 51	.2113 51	40	47	47	.1607 51	.3037 51	.4552 51
0.80	30	.1200 52	.1600 51	.2414 51	.3499 48	.1033 51	.2129 51	39	47	44	.1765 51	.3266 51	.4864 51
0.90	30	.1200 52	.1743 51	.2379 51	.4072 48	.1037 51	.2141 51	39	47	43	.1901 51	.3461 51	.5128 51
1.00	30	.1200 52	.1889 51	.2354 51	.4531 48	.1040 51	.2150 51	38	47	42	.2019 51	.3628 51	.5352 51

MU	G	EP	P	-ZETA	NU1	NU2	NU3	T1	T2	T3	E 1 9	E 2 9	E 3 9
0.10	8	.1088 53	.1005 51	.1009 52	.0000 00	.1000 51	.2000 51	00	00	00	.7745 50	.1782 51	.2790 51
0.15	8	.1088 53	.1025 51	.6961 51	.0000 00	.1000 51	.2000 51	00	00	00	.1114 51	.2151 51	.3188 51
0.20	8	.1088 53	.1070 51	.5602 51	.0000 00	.1000 51	.2000 51	00	00	00	.1558 51	.2653 51	.3748 51
0.25	8	.1088 53	.1142 51	.4947 51	.0000 00	.1000 51	.2000 51	00	00	00	.2050 51	.3223 51	.4395 51
0.30	8	.1088 53	.1234 51	.4605 51	.0000 00	.1000 51	.2000 51	00	00	00	.2538 51	.3791 51	.5043 51
0.35	8	.1088 53	.1339 51	.4408 51	.0000 00	.1000 51	.2000 51	00	00	00	.2990 51	.4317 51	.5644 51
0.40	8	.1088 53	.1453 51	.4286 51	.0000 00	.1000 51	.2000 51	00	00	00	.3398 51	.4789 51	.6181 51
0.50	8	.1088 53	.1696 51	.4146 51	.0000 00	.1000 51	.2000 51	00	00	00	.4079 51	.5573 51	.7067 51
0.60	8	.1088 53	.1950 51	.4071 51	.0000 00	.1000 51	.2000 51	00	00	00	.4613 51	.6182 51	.7751 51
0.70	8	.1088 53	.2210 51	.4025 51	.0000 00	.1000 51	.2000 51	00	00	00	.5035 51	.6661 51	.8286 51
0.80	8	.1088 53	.2473 51	.3994 51	-.4726 46	.1000 51	.2000 51	63	72	65	.5376 51	.7045 51	.8715 51
0.90	8	.1088 53	.2738 51	.3972 51	-.4688 46	.1000 51	.2000 51	63	72	65	.5655 51	.7359 51	.9064 51
1.00	8	.1088 53	.3004 51	.3955 51	-.4663 46	.1000 51	.2000 51	63	72	65	.5888 51	.7621 51	.9353 51
0.10	9	.8733 52	.1004 51	.1007 52	.0000 00	.1000 51	.2000 51	00	00	00	.7206 50	.1727 51	.2733 51
0.15	9	.8733 52	.1020 51	.6906 51	.0000 00	.1000 51	.2000 51	00	00	00	.9960 50	.2026 51	.3056 51
0.20	9	.8733 52	.1058 51	.5502 51	.0000 00	.1000 51	.2000 51	00	00	00	.1362 51	.2442 51	.3522 51
0.25	9	.8733 52	.1121 51	.4810 51	.0000 00	.1000 51	.2000 51	00	00	00	.1778 51	.2928 51	.4079 51
0.30	9	.8733 52	.1203 51	.4442 51	.0000 00	.1000 51	.2000 51	00	00	00	.2200 51	.3427 51	.4655 51
0.35	9	.8733 52	.1298 51	.4231 51	.0000 00	.1000 51	.2000 51	00	00	00	.2600 51	.3900 51	.5200 51
0.40	9	.8733 52	.1403 51	.4100 51	.0000 00	.1000 51	.2000 51	00	00	00	.2964 51	.4329 51	.5694 51
0.50	9	.8733 52	.1630 51	.3952 51	-.4654 46	.1000 51	.2000 51	62	73	65	.3582 51	.5052 51	.6522 51
0.60	9	.8733 52	.1868 51	.3872 51	-.4507 46	.1000 51	.2000 51	61	72	65	.4072 51	.5619 51	.7167 51
0.70	9	.8733 52	.2112 51	.3824 51	-.4407 46	.1000 51	.2000 51	60	72	65	.4463 51	.6069 51	.7676 51
0.80	9	.8733 52	.2360 51	.3792 51	-.4334 46	.1000 51	.2000 51	59	72	65	.4779 51	.6431 51	.8084 51
0.90	9	.8733 52	.2610 51	.3768 51	-.4278 46	.1000 51	.2000 51	58	71	65	.5040 51	.6728 51	.8417 51
1.00	9	.8733 52	.2862 51	.3751 51	-.4234 46	.1000 51	.2000 51	58	70	64	.5258 51	.6976 51	.8695 51
0.10	10	.7199 52	.1003 51	.1006 52	.0000 00	.1000 51	.2000 51	00	00	00	.6820 50	.1687 51	.2692 51
0.15	10	.7199 52	.1017 51	.6867 51	.0000 00	.1000 51	.2000 51	00	00	00	.9105 50	.1935 51	.2961 51
0.20	10	.7199 52	.1049 51	.5426 51	.0000 00	.1000 51	.2000 51	00	00	00	.1218 51	.2287 51	.3356 51
0.25	10	.7199 52	.1104 51	.4702 51	.0000 00	.1000 51	.2000 51	00	00	00	.1576 51	.2708 51	.3841 51
0.30	10	.7199 52	.1178 51	.4312 51	.0000 00	.1000 51	.2000 51	00	00	00	.1946 51	.3152 51	.4357 51
0.35	10	.7199 52	.1266 51	.4087 51	.0000 00	.1000 51	.2000 51	00	00	00	.2303 51	.3579 51	.4856 51
0.40	10	.7199 52	.1363 51	.3948 51	-.4647 46	.1000 51	.2000 51	62	72	65	.2632 51	.3974 51	.5316 51
0.50	10	.7199 52	.1575 51	.3791 51	-.4332 46	.1000 51	.2000 51	59	72	65	.3199 51	.4646 51	.6094 51
0.60	10	.7199 52	.1800 51	.3707 51	-.4111 46	.1000 51	.2000 51	57	72	64	.3652 51	.5180 51	.6708 51
0.70	10	.7199 52	.2031 51	.3657 51	-.3944 46	.9999 50	.2000 51	56	51	64	.4016 51	.5605 51	.7195 51
0.80	10	.7199 52	.2266 51	.3623 51	-.3813 46	.9999 50	.2000 51	55	41	64	.4313 51	.5949 51	.7587 51
0.90	10	.7199 52	.2504 51	.3599 51	-.3709 46	.1000 51	.2001 51	55	49	64	.4558 51	.6232 51	.7908 51
1.00	10	.7199 52	.2743 51	.3582 51	-.3625 46	.1000 51	.2001 51	54	50	64	.4763 51	.6468 51	.8175 51
0.10	12	.5209 52	.1002 51	.1004 52	.0000 00	.1000 51	.2000 51	00	00	00	.6318 50	.1635 51	.2639 51
0.15	12	.5209 52	.1012 51	.6813 51	.0000 00	.1000 51	.2000 51	00	00	00	.7986 50	.1817 51	.2835 51
0.20	12	.5209 52	.1037 51	.5321 51	.0000 00	.1000 51	.2000 51	00	00	00	.1027 51	.2080 51	.3133 51
0.25	12	.5209 52	.1080 51	.4546 51	.0000 00	.1000 51	.2000 51	00	00	00	.1302 51	.2408 51	.3514 51
0.30	12	.5209 52	.1141 51	.4119 51	.0000 00	.1000 51	.2000 51	00	00	00	.1596 51	.2768 51	.3939 51
0.35	12	.5209 52	.1216 51	.3869 51	-.4502 46	.1000 51	.2000 51	61	71	65	.1888 51	.3127 51	.4366 51
0.40	12	.5209 52	.1302 51	.3714 51	-.4132 46	.1000 51	.2000 51	57	71	64	.2165 51	.3467 51	.4770 51
0.50	12	.5209 52	.1491 51	.3541 51	-.3398 46	.1000 51	.2001 51	53	52	64	.2651 51	.4061 51	.5473 51
0.60	12	.5209 52	.1694 51	.3450 51	-.2703 46	.1000 51	.2002 51	51	53	63	.3049 51	.4542 51	.6039 51
0.70	12	.5209 52	.1904 51	.3395 51	-.2098 46	.1000 51	.2003 51	49	53	63	.3372 51	.4930 51	.6492 51
0.80	12	.5209 52	.2119 51	.3359 51	-.1591 46	.1000 51	.2004 51	48	53	63	.3638 51	.5246 51	.6860 51
0.90	12	.5209 52	.2337 51	.3334 51	-.1172 46	.1000 51	.2004 51	46	53	63	.3859 51	.5508 51	.7163 51
1.00	12	.5209 52	.2557 51	.3316 51	-.8203 45	.1000 51	.2005 51	45	53	63	.4044 51	.5727 51	.7415 51
0.10	15	.3600 52	.1001 51	.1003 52	.0000 00	.1000 51	.2000 51	00	00	00	.5911 50	.1593 51	.2596 51
0.15	15	.3600 52	.1008 51	.6769 51	.0000 00	.1000 51	.2000 51	00	00	00	.7072 50	.1720 51	.2733 51
0.20	15	.3600 52	.1026 51	.5230 51	.0000 00	.1000 51	.2000 51	00	00	00	.8695 50	.1907 51	.2945 51
0.25	15	.3600 52	.1059 51	.4404 51	.0000 00	.1000 51	.2000 51	00	00	00	.1069 51	.2150 51	.3230 51
0.30	15	.3600 52	.1107 51	.3934 51	-.4623 46	.1000 51	.2000 51	62	72	65	.1292 51	.2428 51	.3565 51
0.35	15	.3600 52	.1169 51	.3655 51	-.3936 46	.9999 50	.2000 51	56	51	64	.1522 51	.2719 51	.3917 51
0.40	15	.3600 52	.1241 51	.3480 51	-.2968 46	.1000 51	.2002 51	52	53	63	.1745 51	.3003 51	.4264 51
0.50	15	.3600 52	.1405 51	.3284 51	-.1448 45	.1000 51	.2005 51	39	52	63	.2150 51	.3517 51	.4890 51
0.60	15	.3600 52	.1585 51	.3183 51	.3022 46	.1001 51	.2009 51	46	52	57	.2490 51	.3944 51	.5407 51
0.70	15	.3600 52	.1774 51	.3124 51	.5900 46	.1001 51	.2011 51	46	51	53	.2772 51	.4294 51	.5829 51
0.80	15	.3600 52	.1967 51	.3085 51	.8340 46	.1001 51	.2014 51	46	51	64	.3006 51	.4582 51	.6174 51
0.90	15	.3600 52	.2164 51	.3058 51	.1036 47	.1002 51	.2015 51	46	51	62	.3201 51	.4821 51	.6460 51
1.00	15	.3600 52	.2363 51	.3038 51	.1204 47	.1002 51	.2017 51	46	51	60	.3367 51	.5023 51	.6700 51
0.10	20	.2399 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5608 50	.1562 51	.2564 51
0.15	20	.2399 52	.1005 51	.6736 51	.0000 00	.1000 51	.2000 51	00	00	00	.6386 50	.1647 51	.2656 51
0.20	20	.2399 52	.1018 51	.5157 51	.0000 00	.1000 51	.2000 51	00	00	00	.7488 50	.1775 51	.2801 51
0.25	20	.2399 52	.1041 51	.4285 51	.0000 00	.1000 51	.2000 51	00	00	00	.8885 50	.1946 51	.3004 51
0.30	20	.2399 52	.1077 51	.3772 51	-.4290 46	.1000 51	.2000 51	58	71	65	.1049 51	.2152 51	.3255 51
0.35	20	.2399 52	.1126 51	.3459 51	-.2785 46	.1000 51	.2002 51	51	53	63	.1222 51	.2378 51	.3536 51
0.40	20	.2399 52	.1184 51	.3260 51	.4762 45	.1000 51	.2006 51	43	52	64	.1396 51	.2608 51	.3827 51
0.50	20	.2399 52	.1323 51	.3037 51	.1213 47	.1002 51	.2017 51	46	51	60	.1724 51	.3043 51	.4379 51
0.60	20	.2399 52	.1479 51	.2923 51	.2602 47	.1004 51	.2026 51	46	50	56	.2008 51	.3419 51	.4855 51
0.70	20	.2399 52	.1646 51	.2856 51	.3869 47	.1005 51	.2034 51	45	49	54	.2249 51	.3733 51	.5250 51
0.80	20	.2399 52	.1817 51	.2813 51	.4932 47	.1007 51	.2039 51	45	49	53	.2451 51	.3994 51	.5577 51
0.90	20	.2399 52	.1993 51	.2784 51	.5802 47	.1008 51	.2043 51	44	49	52	.2622 51	.4214 51	.5850 51
1.00	20	.2399 52	.2171 51	.2762 51	.6516 47	.1008 51	.2047 51	44	48	52	.2768 51	.4400 51	.6080 51
0.10	25	.1929 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5489 50	.1550 51	.2551 51
0.15	25	.1929 52	.1004 51	.6722 51	.0000 00	.1000 51	.2000 51	00	00	00	.6115 50	.1618 51	.2625 51
0.20	25	.1929 52	.1014 51	.5128 51	.0000 00	.1000 51	.2000 51	00	00	00	.7008 50	.1722 51	.2744 51
0.25	25	.1929 52	.1034 51	.4234 51	.0000 00	.1000 51	.2000 51	00	00	00	.8153 50	.1863 51	.2911 51
0.30	25	.1929 52	.1064 51	.3700 51	-.4090 46	.1000 51	.2000 51	57	71	64	.9498 50	.2037 51	.3125 51
0.35	25	.1929 52	.1106 51	.3369 51	-.1738 46	.1000 51	.2003 51	48	53	63	.1096 51	.2232 51	.3372 51
0.40	25	.1929 52	.1158 51	.3157 51	.4190 46	.1001 51	.2010 51	46	52	56	.1247 51	.2436 51	.3635 51
0.50	25	.1929 52	.1284 51	.2917 51	.2686 47	.1004 51	.2027 51	46	50	56	.1538 51	.2833 51	.4153 51
0.60	25	.1929 52	.1428 51	.2795 51	.5445 47	.1007 51	.2042 51	44	49	52	.1795 51	.3184 51	.4610 51
0.70	25	.1929 52	.1583 51	.2724 51	.7958 47	.1010 51	.2053 51	44	48	51	.2016 51	.3481 51	.4994 51
0.80	25	.1929 52	.1744 51	.2679 51	.1004 48	.1012 51	.2061 51	43	48	50	.2203 51	.3731 51	.5315 51
0.90	25	.1929 52	.1909 51	.2648 51	.1174 48	.1014 51	.2067 51	43	48	50	.2363 51	.3941 51	.5583 51
1.00	25	.1929 52	.2076 51	.2625 51	.1313 48	.1015 51	.2072 51	42	47	50	.2499 51	.4120 51	.5810 51
0.10	30	.1800 52	.1000 51	.1001 52	.0000 00	.1000 51	.2000 51	00	00	00	.5456 50	.1546 51	.2548 51
0.15	30	.1800 52	.1004 51	.6719 51	.0000 00	.1000 51	.2000 51	00	00	00	.6041 50	.1610 51	.2617 51
0.20	30	.1800 52	.1013 51	.5120 51	.0000 00	.1000 51	.2000 51	00	00	00	.6876 50	.1707 51	.2728 51
0.25	30	.1800 52	.1031 51	.4220 51	.0000 00	.1000 51	.2000 51	00	00	00	.7950 50	.1840 51	.2885 51
0.30	30	.1800 52	.1061 51	.3680 51	-.4028 46	.9999 50	.2000 51	56	53	64	.9218 50	.2004 51	.3088 51
0.35	30	.1800 52	.1101 51	.3343 51	-.1324 46	.1000 51	.2004 51	47	53	63	.1061 51	.2190 51	.3324 51
0.40	30	.1800 52	.1151 51	.3126 51	.5753 46	.1001 51	.2011 51	46	52	54	.1205 51	.2387 51	.3580 51
0.50	30	.1800 52	.1272 51	.2882 51	.3333 47	.1005 51	.2031 51	45	50	54	.1484 51	.2772 51	.4087 51
0.60	30	.1800 52	.1413 51	.2757 51	.6711 47	.1009 51	.2047 51	44	48	51	.1734 51	.3115 51	.4539 51
0.70	30	.1800 52	.1564 51	.2684 51	.9785 47	.1012 51	.2060 51	43	48	50	.1948 51	.3408 51	.4920 51
0.80	30	.1800 52	.1721 51	.2638 51	.1233 48	.1014 51	.2069 51	42	48	50	.2131 51	.3654 51	.5239 51
0.90	30	.1800 52	.1883 51	.2606 51	.1440 48	.1016 51	.2076 51	42	47	49	.2287 51	.3862 51	.5506 51
1.00	30	.1800 52	.2047 51	.2584 51	.1609 48	.1018 51	.2081 51	42	47	49	.2420 51	.4039 51	.5732 51

MU	G	EP	P	-ZETA	NU1	NU2	NU3	T1	T2	T3	E 1 10	E 2 10	E 3 10
0.10	8	.1143 53	.1005 51	.1009 52	.0000 00	.1000 51	.2000 51	00	00	00	.7884 50	.1796 51	.2805 51
0.15	8	.1143 53	.1026 51	.6974 51	.0000 00	.1000 51	.2000 51	00	00	00	.1145 51	.2183 51	.3222 51
0.20	8	.1143 53	.1073 51	.5627 51	.0000 00	.1000 51	.2000 51	00	00	00	.1609 51	.2707 51	.3805 51
0.25	8	.1143 53	.1147 51	.4981 51	.0000 00	.1000 51	.2000 51	00	00	00	.2119 51	.3297 51	.4474 51
0.30	8	.1143 53	.1241 51	.4644 51	.0000 00	.1000 51	.2000 51	00	00	00	.2622 51	.3881 51	.5140 51
0.35	8	.1143 53	.1349 51	.4450 51	.0000 00	.1000 51	.2000 51	00	00	00	.3088 51	.4421 51	.5754 51
0.40	8	.1143 53	.1465 51	.4330 51	.0000 00	.1000 51	.2000 51	00	00	00	.3505 51	.4903 51	.6300 51
0.50	8	.1143 53	.1712 51	.4192 51	.0000 00	.1000 51	.2000 51	00	00	00	.4202 51	.5701 51	.7200 51
0.60	8	.1143 53	.1969 51	.4118 51	.0000 00	.1000 51	.2000 51	00	00	00	.4746 51	.6319 51	.7893 51
0.70	8	.1143 53	.2233 51	.4072 51	.0000 00	.1000 51	.2000 51	00	00	00	.5176 51	.6805 51	.8435 51
0.80	8	.1143 53	.2499 51	.4041 51	.0000 00	.1000 51	.2000 51	00	00	00	.5522 51	.7195 51	.8869 51
0.90	8	.1143 53	.2768 51	.4019 51	.0000 00	.1000 51	.2000 51	00	00	00	.5806 51	.7514 51	.9221 51
1.00	8	.1143 53	.3038 51	.4003 51	.0000 00	.1000 51	.2000 51	00	00	00	.6042 51	.7778 51	.9514 51
0.10	9	.9297 52	.1004 51	.1008 52	.0000 00	.1000 51	.2000 51	00	00	00	.7347 50	.1741 51	.2748 51
0.15	9	.9297 52	.1022 51	.6921 51	.0000 00	.1000 51	.2000 51	00	00	00	.1027 51	.2059 51	.3091 51
0.20	9	.9297 52	.1062 51	.5529 51	.0000 00	.1000 51	.2000 51	00	00	00	.1414 51	.2498 51	.3582 51
0.25	9	.9297 52	.1126 51	.4847 51	.0000 00	.1000 51	.2000 51	00	00	00	.1851 51	.3007 51	.4164 51
0.30	9	.9297 52	.1211 51	.4487 51	.0000 00	.1000 51	.2000 51	00	00	00	.2291 51	.3525 51	.4760 51
0.35	9	.9297 52	.1310 51	.4280 51	.0000 00	.1000 51	.2000 51	00	00	00	.2705 51	.4013 51	.5320 51
0.40	9	.9297 52	.1417 51	.4152 51	.0000 00	.1000 51	.2000 51	00	00	00	.3081 51	.4454 51	.5826 51
0.50	9	.9297 52	.1648 51	.4006 51	.0000 00	.1000 51	.2000 51	00	00	00	.3717 51	.5194 51	.6670 51
0.60	9	.9297 52	.1891 51	.3928 51	-.4611 46	.1000 51	.2000 51	62	72	65	.4219 51	.5772 51	.7326 51
0.70	9	.9297 52	.2139 51	.3880 51	-.4522 46	.1000 51	.2000 51	61	72	65	.4618 51	.6230 51	.7842 51
0.80	9	.9297 52	.2391 51	.3848 51	-.4458 46	.1000 51	.2000 51	60	71	65	.4942 51	.6599 51	.8256 51
0.90	9	.9297 52	.2646 51	.3825 51	-.4410 46	.1000 51	.2000 51	60	72	65	.5207 51	.6901 51	.8594 51
1.00	9	.9297 52	.2902 51	.3808 51	-.4372 46	.1000 51	.2000 51	59	71	65	.5429 51	.7152 51	.8875 51
0.10	10	.7772 52	.1003 51	.1006 52	.0000 00	.1000 51	.2000 51	00	00	00	.6964 50	.1702 51	.2707 51
0.15	10	.7772 52	.1018 51	.6881 51	.0000 00	.1000 51	.2000 51	00	00	00	.9426 50	.1969 51	.2996 51
0.20	10	.7772 52	.1053 51	.5455 51	.0000 00	.1000 51	.2000 51	00	00	00	.1272 51	.2345 51	.3418 51
0.25	10	.7772 52	.1110 51	.4743 51	.0000 00	.1000 51	.2000 51	00	00	00	.1652 51	.2792 51	.3932 51
0.30	10	.7772 52	.1187 51	.4363 51	.0000 00	.1000 51	.2000 51	00	00	00	.2042 51	.3256 51	.4471 51
0.35	10	.7772 52	.1278 51	.4143 51	.0000 00	.1000 51	.2000 51	00	00	00	.2415 51	.3702 51	.4988 51
0.40	10	.7772 52	.1379 51	.4007 51	.0000 00	.1000 51	.2000 51	00	00	00	.2759 51	.4110 51	.5461 51
0.50	10	.7772 52	.1596 51	.3853 51	-.4469 46	.1000 51	.2000 51	60	72	65	.3345 51	.4802 51	.6259 51
0.60	10	.7772 52	.1826 51	.3772 51	-.4290 46	.1000 51	.2000 51	58	71	65	.3813 51	.5348 51	.6884 51
0.70	10	.7772 52	.2062 51	.3722 51	-.4154 46	.1000 51	.2000 51	57	70	64	.4188 51	.5783 51	.7380 51
0.80	10	.7772 52	.2303 51	.3689 51	-.4054 46	.1000 51	.2000 51	57	71	64	.4492 51	.6134 51	.7778 51
0.90	10	.7772 52	.2545 51	.3665 51	-.3975 46	.9999 50	.2000 51	56	52	64	.4743 51	.6423 51	.8104 51
1.00	10	.7772 52	.2789 51	.3648 51	-.3911 46	.9999 50	.2000 51	56	50	64	.4953 51	.6663 51	.8375 51
0.10	12	.5805 52	.1002 51	.1005 52	.0000 00	.1000 51	.2000 51	00	00	00	.6468 50	.1651 51	.2655 51
0.15	12	.5805 52	.1014 51	.6829 51	.0000 00	.1000 51	.2000 51	00	00	00	.8322 50	.1852 51	.2873 51
0.20	12	.5805 52	.1041 51	.5353 51	.0000 00	.1000 51	.2000 51	00	00	00	.1085 51	.2143 51	.3200 51
0.25	12	.5805 52	.1088 51	.4595 51	.0000 00	.1000 51	.2000 51	00	00	00	.1385 51	.2500 51	.3615 51
0.30	12	.5805 52	.1153 51	.4180 51	.0000 00	.1000 51	.2000 51	00	00	00	.1703 51	.2886 51	.4069 51
0.35	12	.5805 52	.1232 51	.3939 51	-.4632 46	.1000 51	.2000 51	62	72	65	.2016 51	.3268 51	.4519 51
0.40	12	.5805 52	.1321 51	.3789 51	-.4329 46	.1000 51	.2000 51	59	71	65	.2310 51	.3625 51	.4941 51
0.50	12	.5805 52	.1518 51	.3622 51	-.3806 46	.9999 50	.2001 51	55	37	64	.2822 51	.4245 51	.5669 51
0.60	12	.5805 52	.1728 51	.3533 51	-.3355 46	.1000 51	.2001 51	53	52	64	.3238 51	.4743 51	.6250 51
0.70	12	.5805 52	.1945 51	.3480 51	-.2974 46	.1000 51	.2002 51	52	53	63	.3574 51	.5143 51	.6714 51
0.80	12	.5805 52	.2167 51	.3445 51	-.2658 46	.1000 51	.2002 51	51	53	63	.3850 51	.5468 51	.7089 51
0.90	12	.5805 52	.2391 51	.3420 51	-.2399 46	.1000 51	.2002 51	50	53	63	.4079 51	.5736 51	.7398 51
1.00	12	.5805 52	.2617 51	.3402 51	-.2183 46	.1000 51	.2003 51	49	53	63	.4271 51	.5960 51	.7655 51
0.10	15	.4248 52	.1002 51	.1003 52	.0000 00	.1000 51	.2000 51	00	00	00	.6075 50	.1610 51	.2613 51
0.15	15	.4248 52	.1010 51	.6787 51	.0000 00	.1000 51	.2000 51	00	00	00	.7441 50	.1759 51	.2774 51
0.20	15	.4248 52	.1031 51	.5267 51	.0000 00	.1000 51	.2000 51	00	00	00	.9337 50	.1977 51	.3022 51
0.25	15	.4248 52	.1068 51	.4463 51	.0000 00	.1000 51	.2000 51	00	00	00	.1164 51	.2256 51	.3347 51
0.30	15	.4248 52	.1121 51	.4012 51	.0000 00	.1000 51	.2000 51	00	00	00	.1417 51	.2569 51	.3720 51
0.35	15	.4248 52	.1189 51	.3746 51	-.4222 46	.1000 51	.2000 51	58	71	64	.1673 51	.2889 51	.4105 51
0.40	15	.4248 52	.1267 51	.3581 51	-.3620 46	.1000 51	.2001 51	54	50	64	.1920 51	.3197 51	.4477 51
0.50	15	.4248 52	.1442 51	.3395 51	-.2098 46	.1000 51	.2003 51	49	53	63	.2360 51	.3746 51	.5136 51
0.60	15	.4248 52	.1632 51	.3299 51	-.4803 45	.1000 51	.2005 51	43	53	63	.2725 51	.4196 51	.5674 51
0.70	15	.4248 52	.1830 51	.3242 51	.9751 45	.1000 51	.2007 51	44	52	55	.3025 51	.4563 51	.6109 51
0.80	15	.4248 52	.2033 51	.3204 51	.2205 46	.1001 51	.2008 51	46	52	56	.3272 51	.4863 51	.6464 51
0.90	15	.4248 52	.2239 51	.3178 51	.3232 46	.1001 51	.2009 51	46	52	58	.3479 51	.5112 51	.6756 51
1.00	15	.4248 52	.2447 51	.3159 51	.4088 46	.1001 51	.2010 51	46	52	56	.3653 51	.5321 51	.7001 51
0.10	20	.3226 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5817 50	.1584 51	.2586 51
0.15	20	.3226 52	.1007 51	.6759 51	.0000 00	.1000 51	.2000 51	00	00	00	.6859 50	.1697 51	.2709 51
0.20	20	.3226 52	.1024 51	.5208 51	.0000 00	.1000 51	.2000 51	00	00	00	.8322 50	.1866 51	.2901 51
0.25	20	.3226 52	.1053 51	.4368 51	.0000 00	.1000 51	.2000 51	00	00	00	.1014 51	.2087 51	.3161 51
0.30	20	.3226 52	.1098 51	.3886 51	-.4534 46	.1000 51	.2000 51	61	72	65	.1218 51	.2345 51	.3472 51
0.35	20	.3226 52	.1156 51	.3598 51	-.3701 46	.1000 51	.2001 51	55	49	64	.1431 51	.2617 51	.3804 51
0.40	20	.3226 52	.1224 51	.3416 51	-.2352 46	.1000 51	.2003 51	50	53	63	.1640 51	.2886 51	.4135 51
0.50	20	.3226 52	.1381 51	.3214 51	.1870 46	.1000 51	.2008 51	45	52	55	.2023 51	.3377 51	.4739 51
0.60	20	.3226 52	.1555 51	.3110 51	.6715 46	.1001 51	.2012 51	46	51	53	.2348 51	.3789 51	.5244 51
0.70	20	.3226 52	.1737 51	.3048 51	.1113 47	.1002 51	.2016 51	46	51	61	.2618 51	.4129 51	.5658 51
0.80	20	.3226 52	.1925 51	.3008 51	.1486 47	.1002 51	.2019 51	46	51	59	.2843 51	.4410 51	.5998 51
0.90	20	.3226 52	.2116 51	.2981 51	.1795 47	.1003 51	.2021 51	46	50	58	.3031 51	.4643 51	.6280 51
1.00	20	.3226 52	.2309 51	.2960 51	.2051 47	.1003 51	.2023 51	46	50	57	.3191 51	.4840 51	.6516 51
0.10	25	.3120 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5790 50	.1581 51	.2583 51
0.15	25	.3120 52	.1007 51	.6756 51	.0000 00	.1000 51	.2000 51	00	00	00	.6799 50	.1691 51	.2702 51
0.20	25	.3120 52	.1023 51	.5201 51	.0000 00	.1000 51	.2000 51	00	00	00	.8216 50	.1855 51	.2888 51
0.25	25	.3120 52	.1052 51	.4358 51	.0000 00	.1000 51	.2000 51	00	00	00	.9982 50	.2070 51	.3142 51
0.30	25	.3120 52	.1096 51	.3872 51	-.4507 46	.1000 51	.2000 51	61	72	65	.1197 51	.2321 51	.3445 51
0.35	25	.3120 52	.1152 51	.3581 51	-.3622 46	.1000 51	.2001 51	54	50	64	.1405 51	.2587 51	.3771 51
0.40	25	.3120 52	.1219 51	.3398 51	-.2128 46	.1000 51	.2003 51	49	53	63	.1610 51	.2852 51	.4097 51
0.50	25	.3120 52	.1375 51	.3193 51	.2633 46	.1001 51	.2008 51	46	52	56	.1987 51	.3337 51	.4696 51
0.60	25	.3120 52	.1546 51	.3088 51	.8125 46	.1001 51	.2013 51	46	51	64	.2307 51	.3745 51	.5197 51
0.70	25	.3120 52	.1727 51	.3026 51	.1313 47	.1002 51	.2017 51	46	51	60	.2573 51	.4081 51	.5609 51
0.80	25	.3120 52	.1912 51	.2986 51	.1736 47	.1003 51	.2021 51	46	50	58	.2795 51	.4359 51	.5947 51
0.90	25	.3120 52	.2102 51	.2958 51	.2085 47	.1003 51	.2023 51	46	50	57	.2982 51	.4591 51	.6227 51
1.00	25	.3120 52	.2293 51	.2937 51	.2375 47	.1004 51	.2025 51	46	50	56	.3140 51	.4787 51	.6463 51
0.10	30	.3400 52	.1001 51	.1002 52	.0000 00	.1000 51	.2000 51	00	00	00	.5861 50	.1588 51	.2591 51
0.15	30	.3400 52	.1008 51	.6764 51	.0000 00	.1000 51	.2000 51	00	00	00	.6958 50	.1708 51	.2720 51
0.20	30	.3400 52	.1025 51	.5218 51	.0000 00	.1000 51	.2000 51	00	00	00	.8495 50	.1885 51	.2922 51
0.25	30	.3400 52	.1056 51	.4385 51	.0000 00	.1000 51	.2000 51	00	00	00	.1040 51	.2117 51	.3194 51
0.30	30	.3400 52	.1102 51	.3909 51	-.4580 46	.1000 51	.2000 51	61	73	65	.1253 51	.2384 51	.3515 51
0.35	30	.3400 52	.1162 51	.3624 51	-.3819 46	.9999 50	.2000 51	55	43	64	.1473 51	.2665 51	.3857 51
0.40	30	.3400 52	.1232 51	.3446 51	-.2668 46	.1000 51	.2002 51	51	53	63	.1689 51	.2941 51	.4195 51
0.50	30	.3400 52	.1393 51	.3247 51	.8201 45	.1000 51	.2007 51	44	52	55	.2083 51	.3443 51	.4810 51
0.60	30	.3400 52	.1569 51	.3145 51	.4780 46	.1001 51	.2010 51	46	52	55	.2415 51	.3862 51	.5321 51
0.70	30	.3400 52	.1755 51	.3084 51	.8390 46	.1001 51	.2014 51	46	51	63	.2690 51	.4207 51	.5739 51
0.80	30	.3400 52	.1945 51	.3045 51	.1144 47	.1002 51	.2016 51	46	51	61	.2919 51	.4491 51	.6081 51
0.90	30	.3400 52	.2139 51	.3017 51	.1397 47	.1002 51	.2018 51	46	51	59	.3111 51	.4727 51	.6364 51
1.00	30	.3400 52	.2335 51	.2997 51	.1607 47	.1003 51	.2020 51	46	51	58	.3274 51	.4926 51	.6602 51

MU	G	EP	P	-ZETA	NU1	NU2	NU3	T1	T2	T3	E 1 11	E 2 11	E 3 11
0.10	8	.1212 53	.1005 51	.1010 52	.0000 00	.1000 51	.2000 51	00	00	00	.8058 50	.1814 51	.2823 51
0.15	8	.1212 53	.1028 51	.6991 51	.0000 00	.1000 51	.2000 51	00	00	00	.1183 51	.2223 51	.3263 51
0.20	8	.1212 53	.1077 51	.5657 51	.0000 00	.1000 51	.2000 51	00	00	00	.1671 51	.2773 51	.3876 51
0.25	8	.1212 53	.1154 51	.5022 51	.0000 00	.1000 51	.2000 51	00	00	00	.2204 51	.3387 51	.4571 51
0.30	8	.1212 53	.1250 51	.4690 51	.0000 00	.1000 51	.2000 51	00	00	00	.2726 51	.3992 51	.5257 51
0.35	8	.1212 53	.1360 51	.4501 51	.0000 00	.1000 51	.2000 51	00	00	00	.3207 51	.4547 51	.5887 51
0.40	8	.1212 53	.1479 51	.4382 51	.0000 00	.1000 51	.2000 51	00	00	00	.3636 51	.5041 51	.6445 51
0.50	8	.1212 53	.1730 51	.4247 51	.0000 00	.1000 51	.2000 51	00	00	00	.4351 51	.5856 51	.7362 51
0.60	8	.1212 53	.1992 51	.4174 51	.0000 00	.1000 51	.2000 51	00	00	00	.4907 51	.6486 51	.8066 51
0.70	8	.1212 53	.2260 51	.4129 51	.0000 00	.1000 51	.2000 51	00	00	00	.5346 51	.6981 51	.8616 51
0.80	8	.1212 53	.2531 51	.4098 51	.0000 00	.1000 51	.2000 51	00	00	00	.5699 51	.7377 51	.9054 51
0.90	8	.1212 53	.2804 51	.4076 51	.0000 00	.1000 51	.2000 51	00	00	00	.5988 51	.7700 51	.9411 51
1.00	8	.1212 53	.3078 51	.4060 51	.0000 00	.1000 51	.2000 51	00	00	00	.6229 51	.7968 51	.9708 51
0.10	9	.9994 52	.1004 51	.1008 52	.0000 00	.1000 51	.2000 51	00	00	00	.7522 50	.1759 51	.2766 51
0.15	9	.9994 52	.1023 51	.6938 51	.0000 00	.1000 51	.2000 51	00	00	00	.1065 51	.2099 51	.3133 51
0.20	9	.9994 52	.1066 51	.5561 51	.0000 00	.1000 51	.2000 51	00	00	00	.1478 51	.2567 51	.3656 51
0.25	9	.9994 52	.1133 51	.4892 51	.0000 00	.1000 51	.2000 51	00	00	00	.1939 51	.3103 51	.4267 51
0.30	9	.9994 52	.1221 51	.4540 51	.0000 00	.1000 51	.2000 51	00	00	00	.2401 51	.3643 51	.4886 51
0.35	9	.9994 52	.1323 51	.4338 51	.0000 00	.1000 51	.2000 51	00	00	00	.2832 51	.4149 51	.5465 51
0.40	9	.9994 52	.1433 51	.4213 51	.0000 00	.1000 51	.2000 51	00	00	00	.3223 51	.4604 51	.5985 51
0.50	9	.9994 52	.1670 51	.4070 51	.0000 00	.1000 51	.2000 51	00	00	00	.3879 51	.5364 51	.6848 51
0.60	9	.9994 52	.1917 51	.3993 51	-.4724 46	.1000 51	.2000 51	63	73	65	.4395 51	.5956 51	.7517 51
0.70	9	.9994 52	.2171 51	.3946 51	-.4644 46	.1000 51	.2000 51	62	72	65	.4805 51	.6424 51	.8042 51
0.80	9	.9994 52	.2428 51	.3914 51	-.4587 46	.1000 51	.2000 51	62	72	65	.5136 51	.6799 51	.8462 51
0.90	9	.9994 52	.2688 51	.3892 51	-.4545 46	.1000 51	.2000 51	61	72	65	.5408 51	.7107 51	.8805 51
1.00	9	.9994 52	.2948 51	.3875 51	-.4512 46	.1000 51	.2000 51	61	72	65	.5635 51	.7362 51	.9090 51
0.10	10	.8475 52	.1004 51	.1007 52	.0000 00	.1000 51	.2000 51	00	00	00	.7141 50	.1720 51	.2726 51
0.15	10	.8475 52	.1020 51	.6900 51	.0000 00	.1000 51	.2000 51	00	00	00	.9817 50	.2011 51	.3040 51
0.20	10	.8475 52	.1057 51	.5489 51	.0000 00	.1000 51	.2000 51	00	00	00	.1338 51	.2416 51	.3494 51
0.25	10	.8475 52	.1118 51	.4792 51	.0000 00	.1000 51	.2000 51	00	00	00	.1744 51	.2892 51	.4040 51
0.30	10	.8475 52	.1199 51	.4421 51	.0000 00	.1000 51	.2000 51	00	00	00	.2158 51	.3382 51	.4606 51
0.35	10	.8475 52	.1293 51	.4208 51	.0000 00	.1000 51	.2000 51	00	00	00	.2551 51	.3847 51	.5144 51
0.40	10	.8475 52	.1397 51	.4076 51	.0000 00	.1000 51	.2000 51	00	00	00	.2910 51	.4271 51	.5632 51
0.50	10	.8475 52	.1621 51	.3926 51	-.4608 46	.1000 51	.2000 51	62	71	65	.3520 51	.4986 51	.6452 51
0.60	10	.8475 52	.1857 51	.3846 51	-.4454 46	.1000 51	.2000 51	60	72	65	.4004 51	.5548 51	.7093 51
0.70	10	.8475 52	.2099 51	.3797 51	-.4348 46	.1000 51	.2000 51	59	72	65	.4390 51	.5994 51	.7598 51
0.80	10	.8475 52	.2345 51	.3765 51	-.4269 46	.1000 51	.2000 51	58	71	65	.4703 51	.6353 51	.8003 51
0.90	10	.8475 52	.2593 51	.3742 51	-.4209 46	.1000 51	.2000 51	58	71	64	.4961 51	.6648 51	.8335 51
1.00	10	.8475 52	.2843 51	.3724 51	-.4164 46	.1000 51	.2000 51	57	70	64	.5177 51	.6893 51	.8610 51
0.10	12	.6519 52	.1003 51	.1005 52	.0000 00	.1000 51	.2000 51	00	00	00	.6648 50	.1669 51	.2674 51
0.15	12	.6519 52	.1015 51	.6849 51	.0000 00	.1000 51	.2000 51	00	00	00	.8724 50	.1895 51	.2918 51
0.20	12	.6519 52	.1045 51	.5391 51	.0000 00	.1000 51	.2000 51	00	00	00	.1154 51	.2217 51	.3280 51
0.25	12	.6519 52	.1096 51	.4651 51	.0000 00	.1000 51	.2000 51	00	00	00	.1483 51	.2608 51	.3732 51
0.30	12	.6519 52	.1166 51	.4250 51	.0000 00	.1000 51	.2000 51	00	00	00	.1829 51	.3024 51	.4219 51
0.35	12	.6519 52	.1250 51	.4017 51	.0000 00	.1000 51	.2000 51	00	00	00	.2165 51	.3430 51	.4695 51
0.40	12	.6519 52	.1343 51	.3873 51	-.4509 46	.1000 51	.2000 51	61	72	65	.2478 51	.3807 51	.5137 51
0.50	12	.6519 52	.1548 51	.3711 51	-.4123 46	.1000 51	.2000 51	57	70	64	.3019 51	.4455 51	.5892 51
0.60	12	.6519 52	.1766 51	.3626 51	-.3824 46	.9999 50	.2000 51	55	44	64	.3454 51	.4971 51	.6490 51
0.70	12	.6519 52	.1991 51	.3574 51	-.3586 46	.1000 51	.2001 51	54	51	64	.3806 51	.5385 51	.6966 51
0.80	12	.6519 52	.2220 51	.3540 51	-.3394 46	.1000 51	.2001 51	53	52	64	.4093 51	.5720 51	.7350 51
0.90	12	.6519 52	.2451 51	.3516 51	-.3237 46	.1000 51	.2001 51	53	52	64	.4330 51	.5996 51	.7665 51
1.00	12	.6519 52	.2684 51	.3498 51	-.3108 46	.1000 51	.2001 51	52	52	63	.4529 51	.6227 51	.7928 51
0.10	15	.4975 52	.1002 51	.1004 52	.0000 00	.1000 51	.2000 51	00	00	00	.6259 50	.1629 51	.2633 51
0.15	15	.4975 52	.1012 51	.6807 51	.0000 00	.1000 51	.2000 51	00	00	00	.7853 50	.1803 51	.2821 51
0.20	15	.4975 52	.1035 51	.5308 51	.0000 00	.1000 51	.2000 51	00	00	00	.1005 51	.2055 51	.3106 51
0.25	15	.4975 52	.1077 51	.4526 51	.0000 00	.1000 51	.2000 51	00	00	00	.1268 51	.2371 51	.3474 51
0.30	15	.4975 52	.1137 51	.4094 51	.0000 00	.1000 51	.2000 51	00	00	00	.1553 51	.2720 51	.3887 51
0.35	15	.4975 52	.1210 51	.3841 51	-.4443 46	.1000 51	.2000 51	60	71	65	.1837 51	.3070 51	.4304 51
0.40	15	.4975 52	.1293 51	.3683 51	-.4035 46	.1000 51	.2000 51	56	71	64	.2106 51	.3403 51	.4701 51
0.50	15	.4975 52	.1479 51	.3507 51	-.3177 46	.1000 51	.2001 51	52	52	64	.2582 51	.3987 51	.5394 51
0.60	15	.4975 52	.1679 51	.3415 51	-.2337 46	.1000 51	.2003 51	50	53	63	.2972 51	.4461 51	.5953 51
0.70	15	.4975 52	.1887 51	.3360 51	-.1598 46	.1000 51	.2004 51	48	53	63	.3290 51	.4843 51	.6402 51
0.80	15	.4975 52	.2100 51	.3324 51	-.9792 45	.1000 51	.2004 51	46	53	63	.3552 51	.5156 51	.6767 51
0.90	15	.4975 52	.2315 51	.3298 51	-.4616 45	.1000 51	.2005 51	43	53	63	.3769 51	.5414 51	.7067 51
1.00	15	.4975 52	.2532 51	.3279 51	-.3173 44	.1000 51	.2005 51	34	52	64	.3952 51	.5631 51	.7318 51
0.10	20	.3921 52	.1001 51	.1003 52	.0000 00	.1000 51	.2000 51	00	00	00	.5993 50	.1602 51	.2605 51
0.15	20	.3921 52	.1009 51	.6778 51	.0000 00	.1000 51	.2000 51	00	00	00	.7255 50	.1739 51	.2754 51
0.20	20	.3921 52	.1028 51	.5248 51	.0000 00	.1000 51	.2000 51	00	00	00	.9014 50	.1942 51	.2983 51
0.25	20	.3921 52	.1063 51	.4433 51	.0000 00	.1000 51	.2000 51	00	00	00	.1117 51	.2203 51	.3289 51
0.30	20	.3921 52	.1114 51	.3974 51	-.4692 46	.1000 51	.2000 51	63	72	65	.1355 51	.2499 51	.3643 51
0.35	20	.3921 52	.1179 51	.3701 51	-.4092 46	.1000 51	.2000 51	57	70	64	.1598 51	.2804 51	.4012 51
0.40	20	.3921 52	.1254 51	.3531 51	-.3340 46	.1000 51	.2001 51	53	52	64	.1833 51	.3101 51	.4371 51
0.50	20	.3921 52	.1424 51	.3341 51	-.1290 46	.1000 51	.2004 51	47	53	63	.2256 51	.3632 51	.5014 51
0.60	20	.3921 52	.1609 51	.3242 51	.9592 45	.1000 51	.2007 51	44	52	55	.2609 51	.4071 51	.5542 51
0.70	20	.3921 52	.1803 51	.3184 51	.2991 46	.1001 51	.2009 51	46	52	57	.2899 51	.4430 51	.5970 51
0.80	20	.3921 52	.2001 51	.3146 51	.4713 46	.1001 51	.2010 51	46	52	55	.3140 51	.4724 51	.6320 51
0.90	20	.3921 52	.2203 51	.3119 51	.6148 46	.1001 51	.2012 51	46	51	53	.3341 51	.4968 51	.6610 51
1.00	20	.3921 52	.2406 51	.3100 51	.7339 46	.1001 51	.2013 51	46	51	65	.3511 51	.5173 51	.6852 51
0.10	25	.3627 52	.1001 51	.1003 52	.0000 00	.1000 51	.2000 51	00	00	00	.5918 50	.1594 51	.2597 51
0.15	25	.3627 52	.1008 51	.6770 51	.0000 00	.1000 51	.2000 51	00	00	00	.7088 50	.1722 51	.2735 51
0.20	25	.3627 52	.1026 51	.5231 51	.0000 00	.1000 51	.2000 51	00	00	00	.8722 50	.1910 51	.2949 51
0.25	25	.3627 52	.1059 51	.4406 51	.0000 00	.1000 51	.2000 51	00	00	00	.1073 51	.2154 51	.3235 51
0.30	25	.3627 52	.1108 51	.3937 51	-.4629 46	.1000 51	.2000 51	62	72	65	.1298 51	.2434 51	.3571 51
0.35	25	.3627 52	.1169 51	.3659 51	-.3951 46	.9999 50	.2000 51	56	51	64	.1528 51	.2726 51	.3926 51
0.40	25	.3627 52	.1242 51	.3484 51	-.3005 46	.1000 51	.2002 51	52	53	63	.1753 51	.3012 51	.4273 51
0.50	25	.3627 52	.1407 51	.3289 51	-.2624 45	.1000 51	.2005 51	41	53	63	.2159 51	.3527 51	.4901 51
0.60	25	.3627 52	.1587 51	.3189 51	.2814 46	.1001 51	.2009 51	46	52	57	.2501 51	.3955 51	.5419 51
0.70	25	.3627 52	.1776 51	.3129 51	.5603 46	.1001 51	.2011 51	46	52	54	.2783 51	.4306 51	.5841 51
0.80	25	.3627 52	.1970 51	.3090 51	.7969 46	.1001 51	.2013 51	46	51	65	.3017 51	.4594 51	.6187 51
0.90	25	.3627 52	.2167 51	.3063 51	.9932 46	.1002 51	.2015 51	46	51	62	.3213 51	.4834 51	.6473 51
1.00	25	.3627 52	.2367 51	.3043 51	.1156 47	.1002 51	.2016 51	46	51	60	.3379 51	.5036 51	.6713 51
0.10	30	.3600 52	.1001 51	.1003 52	.0000 00	.1000 51	.2000 51	00	00	00	.5911 50	.1593 51	.2596 51
0.15	30	.3600 52	.1008 51	.6769 51	.0000 00	.1000 51	.2000 51	00	00	00	.7072 50	.1720 51	.2733 51
0.20	30	.3600 52	.1026 51	.5230 51	.0000 00	.1000 51	.2000 51	00	00	00	.8695 50	.1907 51	.2945 51
0.25	30	.3600 52	.1059 51	.4404 51	.0000 00	.1000 51	.2000 51	00	00	00	.1069 51	.2150 51	.3230 51
0.30	30	.3600 52	.1107 51	.3934 51	-.4623 46	.1000 51	.2000 51	62	72	65	.1292 51	.2428 51	.3565 51
0.35	30	.3600 52	.1169 51	.3655 51	-.3936 46	.9999 50	.2000 51	56	51	64	.1522 51	.2719 51	.3917 51
0.40	30	.3600 52	.1241 51	.3480 51	-.2968 46	.1000 51	.2002 51	52	53	63	.1745 51	.3003 51	.4264 51
0.50	30	.3600 52	.1405 51	.3284 51	-.1448 45	.1000 51	.2005 51	39	52	64	.2150 51	.3517 51	.4890 51
0.60	30	.3600 52	.1585 51	.3183 51	.3022 46	.1001 51	.2009 51	46	52	57	.2490 51	.3944 51	.5407 51
0.70	30	.3600 52	.1774 51	.3124 51	.5901 46	.1001 51	.2011 51	46	51	53	.2772 51	.4294 51	.5829 51
0.80	30	.3600 52	.1967 51	.3085 51	.8340 46	.1001 51	.2014 51	46	51	64	.3006 51	.4582 51	.6174 51
0.90	30	.3600 52	.2164 51	.3058 51	.1036 47	.1002 51	.2015 51	46	51	61	.3201 51	.4821 51	.6460 51
1.00	30	.3600 52	.2363 51	.3038 51	.1204 47	.1002 51	.2017 51	46	51	60	.3367 51	.5023 51	.6700 51

MU	G	EP	P	-ZETA	NU1	NU2	NU3	T1	T2	T3	E 1 12	E 2 12	E 3 12
0.10	8	.1297 53	.1006 51	.1011 52	.0000 00	.1000 51	.2000 51	00	00	00	.8269 50	.1836 51	.2845 51
0.15	8	.1297 53	.1030 51	.7012 51	.0000 00	.1000 51	.2000 51	00	00	00	.1229 51	.2271 51	.3314 51
0.20	8	.1297 53	.1081 51	.5693 51	.0000 00	.1000 51	.2000 51	00	00	00	.1745 51	.2853 51	.3961 51
0.25	8	.1297 53	.1161 51	.5069 51	.0000 00	.1000 51	.2000 51	00	00	00	.2306 51	.3496 51	.4687 51
0.30	8	.1297 53	.1261 51	.4745 51	.0000 00	.1000 51	.2000 51	00	00	00	.2850 51	.4124 51	.5397 51
0.35	8	.1297 53	.1374 51	.4560 51	.0000 00	.1000 51	.2000 51	00	00	00	.3349 51	.4697 51	.6045 51
0.40	8	.1297 53	.1495 51	.4444 51	.0000 00	.1000 51	.2000 51	00	00	00	.3793 51	.5205 51	.6617 51
0.50	8	.1297 53	.1752 51	.4311 51	.0000 00	.1000 51	.2000 51	00	00	00	.4528 51	.6041 51	.7553 51
0.60	8	.1297 53	.2019 51	.4239 51	.0000 00	.1000 51	.2000 51	00	00	00	.5098 51	.6684 51	.8270 51
0.70	8	.1297 53	.2292 51	.4194 51	.0000 00	.1000 51	.2000 51	00	00	00	.5548 51	.7188 51	.8829 51
0.80	8	.1297 53	.2568 51	.4164 51	.0000 00	.1000 51	.2000 51	00	00	00	.5909 51	.7591 51	.9274 51
0.90	8	.1297 53	.2845 51	.4142 51	.0000 00	.1000 51	.2000 51	00	00	00	.6204 51	.7920 51	.9637 51
1.00	8	.1297 53	.3125 51	.4126 51	.0000 00	.1000 51	.2000 51	00	00	00	.6449 51	.8193 51	.9936 51
0.10	9	.1085 53	.1005 51	.1009 52	.0000 00	.1000 51	.2000 51	00	00	00	.7737 50	.1781 51	.2789 51
0.15	9	.1085 53	.1025 51	.6960 51	.0000 00	.1000 51	.2000 51	00	00	00	.1113 51	.2149 51	.3186 51
0.20	9	.1085 53	.1070 51	.5601 51	.0000 00	.1000 51	.2000 51	00	00	00	.1556 51	.2650 51	.3745 51
0.25	9	.1085 53	.1142 51	.4946 51	.0000 00	.1000 51	.2000 51	00	00	00	.2047 51	.3219 51	.4391 51
0.30	9	.1085 53	.1233 51	.4603 51	.0000 00	.1000 51	.2000 51	00	00	00	.2533 51	.3786 51	.5038 51
0.35	9	.1085 53	.1339 51	.4406 51	.0000 00	.1000 51	.2000 51	00	00	00	.2985 51	.4312 51	.5638 51
0.40	9	.1085 53	.1452 51	.4283 51	.0000 00	.1000 51	.2000 51	00	00	00	.3392 51	.4783 51	.6174 51
0.50	9	.1085 53	.1695 51	.4144 51	.0000 00	.1000 51	.2000 51	00	00	00	.4073 51	.5566 51	.7060 51
0.60	9	.1085 53	.1949 51	.4069 51	.0000 00	.1000 51	.2000 51	00	00	00	.4606 51	.6174 51	.7743 51
0.70	9	.1085 53	.2208 51	.4022 51	.0000 00	.1000 51	.2000 51	00	00	00	.5028 51	.6653 51	.8278 51
0.80	9	.1085 53	.2471 51	.3991 51	-.4721 46	.1000 51	.2000 51	63	73	65	.5368 51	.7037 51	.8707 51
0.90	9	.1085 53	.2736 51	.3969 51	-.4684 46	.1000 51	.2000 51	63	72	65	.5647 51	.7351 51	.9055 51
1.00	9	.1085 53	.3003 51	.3952 51	-.4655 46	.1000 51	.2000 51	62	72	65	.5880 51	.7612 51	.9345 51
0.10	10	.9351 52	.1004 51	.1008 52	.0000 00	.1000 51	.2000 51	00	00	00	.7361 50	.1742 51	.2749 51
0.15	10	.9351 52	.1022 51	.6922 51	.0000 00	.1000 51	.2000 51	00	00	00	.1030 51	.2062 51	.3094 51
0.20	10	.9351 52	.1062 51	.5531 51	.0000 00	.1000 51	.2000 51	00	00	00	.1419 51	.2503 51	.3588 51
0.25	10	.9351 52	.1127 51	.4851 51	.0000 00	.1000 51	.2000 51	00	00	00	.1858 51	.3015 51	.4172 51
0.30	10	.9351 52	.1212 51	.4491 51	.0000 00	.1000 51	.2000 51	00	00	00	.2299 51	.3534 51	.4770 51
0.35	10	.9351 52	.1311 51	.4285 51	.0000 00	.1000 51	.2000 51	00	00	00	.2715 51	.4023 51	.5332 51
0.40	10	.9351 52	.1418 51	.4157 51	.0000 00	.1000 51	.2000 51	00	00	00	.3092 51	.4466 51	.5839 51
0.50	10	.9351 52	.1650 51	.4011 51	.0000 00	.1000 51	.2000 51	00	00	00	.3730 51	.5207 51	.6684 51
0.60	10	.9351 52	.1893 51	.3933 51	-.4621 46	.1000 51	.2000 51	62	72	65	.4233 51	.5787 51	.7341 51
0.70	10	.9351 52	.2142 51	.3885 51	-.4532 46	.1000 51	.2000 51	61	72	65	.4633 51	.6246 51	.7858 51
0.80	10	.9351 52	.2394 51	.3853 51	-.4469 46	.1000 51	.2000 51	60	72	65	.4957 51	.6615 51	.8272 51
0.90	10	.9351 52	.2649 51	.3830 51	-.4421 46	.1000 51	.2000 51	60	71	65	.5223 51	.6917 51	.8611 51
1.00	10	.9351 52	.2905 51	.3813 51	-.4384 46	.1000 51	.2000 51	59	71	65	.5446 51	.7168 51	.8891 51
0.10	12	.7450 52	.1003 51	.1006 52	.0000 00	.1000 51	.2000 51	00	00	00	.6883 50	.1693 51	.2699 51
0.15	12	.7450 52	.1017 51	.6873 51	.0000 00	.1000 51	.2000 51	00	00	00	.9245 50	.1950 51	.2976 51
0.20	12	.7450 52	.1051 51	.5439 51	.0000 00	.1000 51	.2000 51	00	00	00	.1242 51	.2313 51	.3383 51
0.25	12	.7450 52	.1107 51	.4720 51	.0000 00	.1000 51	.2000 51	00	00	00	.1609 51	.2745 51	.3881 51
0.30	12	.7450 52	.1182 51	.4334 51	.0000 00	.1000 51	.2000 51	00	00	00	.1988 51	.3198 51	.4407 51
0.35	12	.7450 52	.1271 51	.4112 51	.0000 00	.1000 51	.2000 51	00	00	00	.2352 51	.3633 51	.4914 51
0.40	12	.7450 52	.1370 51	.3974 51	-.4693 46	.1000 51	.2000 51	63	73	65	.2688 51	.4034 51	.5380 51
0.50	12	.7450 52	.1584 51	.3818 51	-.4399 46	.1000 51	.2000 51	59	71	65	.3263 51	.4715 51	.6167 51
0.60	12	.7450 52	.1811 51	.3736 51	-.4193 46	.1000 51	.2000 51	58	71	64	.3723 51	.5254 51	.6786 51
0.70	12	.7450 52	.2045 51	.3686 51	-.4043 46	.1000 51	.2000 51	57	70	64	.4092 51	.5684 51	.7276 51
0.80	12	.7450 52	.2282 51	.3652 51	-.3928 46	.9999 50	.2000 51	56	50	64	.4392 51	.6031 51	.7671 51
0.90	12	.7450 52	.2522 51	.3629 51	-.3838 46	.9999 50	.2000 51	55	46	64	.4640 51	.6316 51	.7994 51
1.00	12	.7450 52	.2764 51	.3611 51	-.3761 46	.1000 51	.2001 51	55	46	64	.4847 51	.6554 51	.8263 51
0.10	15	.6045 52	.1002 51	.1005 52	.0000 00	.1000 51	.2000 51	00	00	00	.6529 50	.1657 51	.2661 51
0.15	15	.6045 52	.1014 51	.6836 51	.0000 00	.1000 51	.2000 51	00	00	00	.8458 50	.1867 51	.2888 51
0.20	15	.6045 52	.1042 51	.5366 51	.0000 00	.1000 51	.2000 51	00	00	00	.1108 51	.2168 51	.3227 51
0.25	15	.6045 52	.1090 51	.4614 51	.0000 00	.1000 51	.2000 51	00	00	00	.1418 51	.2536 51	.3655 51
0.30	15	.6045 52	.1157 51	.4204 51	.0000 00	.1000 51	.2000 51	00	00	00	.1746 51	.2933 51	.4120 51
0.35	15	.6045 52	.1238 51	.3966 51	-.4679 46	.1000 51	.2000 51	63	73	65	.2067 51	.3323 51	.4579 51
0.40	15	.6045 52	.1329 51	.3818 51	-.4399 46	.1000 51	.2000 51	59	71	65	.2367 51	.3687 51	.5008 51
0.50	15	.6045 52	.1528 51	.3653 51	-.3928 46	.9999 50	.2000 51	56	50	64	.2889 51	.4317 51	.5745 51
0.60	15	.6045 52	.1741 51	.3565 51	-.3539 46	.1000 51	.2001 51	54	51	64	.3312 51	.4821 51	.6332 51
0.70	15	.6045 52	.1961 51	.3513 51	-.3218 46	.1000 51	.2001 51	52	52	64	.3654 51	.5226 51	.6800 51
0.80	15	.6045 52	.2185 51	.3478 51	-.2955 46	.1000 51	.2002 51	52	53	63	.3933 51	.5554 51	.7179 51
0.90	15	.6045 52	.2412 51	.3453 51	-.2737 46	.1000 51	.2002 51	51	53	63	.4165 51	.5825 51	.7489 51
1.00	15	.6045 52	.2641 51	.3435 51	-.2559 46	.1000 51	.2002 51	50	53	63	.4359 51	.6052 51	.7749 51
0.10	20	.5452 52	.1002 51	.1004 52	.0000 00	.1000 51	.2000 51	00	00	00	.6379 50	.1642 51	.2646 51
0.15	20	.5452 52	.1013 51	.6820 51	.0000 00	.1000 51	.2000 51	00	00	00	.8123 50	.1831 51	.2851 51
0.20	20	.5452 52	.1038 51	.5334 51	.0000 00	.1000 51	.2000 51	00	00	00	.1051 51	.2106 51	.3160 51
0.25	20	.5452 52	.1083 51	.4566 51	.0000 00	.1000 51	.2000 51	00	00	00	.1336 51	.2446 51	.3556 51
0.30	20	.5452 52	.1146 51	.4144 51	.0000 00	.1000 51	.2000 51	00	00	00	.1640 51	.2816 51	.3993 51
0.35	20	.5452 52	.1223 51	.3898 51	-.4557 46	.1000 51	.2000 51	61	71	65	.1941 51	.3185 51	.4429 51
0.40	20	.5452 52	.1310 51	.3746 51	-.4219 46	.1000 51	.2000 51	58	71	64	.2225 51	.3533 51	.4841 51
0.50	20	.5452 52	.1502 51	.3574 51	-.3587 46	.1000 51	.2001 51	54	51	64	.2722 51	.4137 51	.5554 51
0.60	20	.5452 52	.1708 51	.3485 51	-.3010 46	.1000 51	.2002 51	52	53	63	.3127 51	.4625 51	.6126 51
0.70	20	.5452 52	.1921 51	.3431 51	-.2513 46	.1000 51	.2002 51	50	53	63	.3456 51	.5018 51	.6584 51
0.80	20	.5452 52	.2139 51	.3395 51	-.2097 46	.1000 51	.2003 51	49	53	63	.3726 51	.5338 51	.6955 51
0.90	20	.5452 52	.2360 51	.3370 51	-.1754 46	.1000 51	.2003 51	48	53	63	.3950 51	.5602 51	.7260 51
1.00	20	.5452 52	.2582 51	.3352 51	-.1468 46	.1000 51	.2004 51	47	53	63	.4138 51	.5823 51	.7515 51
0.10	25	.5806 52	.1002 51	.1005 52	.0000 00	.1000 51	.2000 51	00	00	00	.6469 50	.1651 51	.2655 51
0.15	25	.5806 52	.1014 51	.6830 51	.0000 00	.1000 51	.2000 51	00	00	00	.8323 50	.1852 51	.2873 51
0.20	25	.5806 52	.1041 51	.5353 51	.0000 00	.1000 51	.2000 51	00	00	00	.1085 51	.2143 51	.3200 51
0.25	25	.5806 52	.1088 51	.4595 51	.0000 00	.1000 51	.2000 51	00	00	00	.1385 51	.2500 51	.3615 51
0.30	25	.5806 52	.1153 51	.4180 51	.0000 00	.1000 51	.2000 51	00	00	00	.1704 51	.2886 51	.4069 51
0.35	25	.5806 52	.1232 51	.3939 51	-.4632 46	.1000 51	.2000 51	62	72	65	.2016 51	.3268 51	.4520 51
0.40	25	.5806 52	.1321 51	.3790 51	-.4330 46	.1000 51	.2000 51	59	72	65	.2310 51	.3626 51	.4942 51
0.50	25	.5806 52	.1518 51	.3622 51	-.3807 46	.9999 50	.2001 51	55	38	64	.2822 51	.4245 51	.5669 51
0.60	25	.5806 52	.1728 51	.3534 51	-.3356 46	.1000 51	.2001 51	53	52	64	.3238 51	.4743 51	.6250 51
0.70	25	.5806 52	.1945 51	.3480 51	-.2976 46	.1000 51	.2002 51	52	53	63	.3575 51	.5143 51	.6714 51
0.80	25	.5806 52	.2167 51	.3445 51	-.2660 46	.1000 51	.2002 51	51	53	63	.3851 51	.5468 51	.7090 51
0.90	25	.5806 52	.2391 51	.3421 51	-.2401 46	.1000 51	.2002 51	50	53	63	.4079 51	.5737 51	.7398 51
1.00	25	.5806 52	.2618 51	.3402 51	-.2187 46	.1000 51	.2003 51	49	53	63	.4271 51	.5961 51	.7655 51
0.10	30	.6000 52	.1002 51	.1005 52	.0000 00	.1000 51	.2000 51	00	00	00	.6517 50	.1656 51	.2660 51
0.15	30	.6000 52	.1014 51	.6835 51	.0000 00	.1000 51	.2000 51	00	00	00	.8432 50	.1864 51	.2885 51
0.20	30	.6000 52	.1042 51	.5364 51	.0000 00	.1000 51	.2000 51	00	00	00	.1104 51	.2163 51	.3222 51
0.25	30	.6000 52	.1090 51	.4610 51	.0000 00	.1000 51	.2000 51	00	00	00	.1412 51	.2530 51	.3647 51
0.30	30	.6000 52	.1156 51	.4200 51	.0000 00	.1000 51	.2000 51	00	00	00	.1738 51	.2924 51	.4110 51
0.35	30	.6000 52	.1237 51	.3961 51	-.4670 46	.1000 51	.2000 51	63	72	65	.2057 51	.3313 51	.4568 51
0.40	30	.6000 52	.1327 51	.3813 51	-.4383 46	.1000 51	.2000 51	59	71	65	.2356 51	.3676 51	.4996 51
0.50	30	.6000 52	.1526 51	.3647 51	-.3907 46	.9999 50	.2000 51	56	50	64	.2876 51	.4303 51	.5731 51
0.60	30	.6000 52	.1739 51	.3559 51	-.3506 46	.1000 51	.2001 51	54	51	64	.3298 51	.4806 51	.6317 51
0.70	30	.6000 52	.1958 51	.3507 51	-.3174 46	.1000 51	.2001 51	52	52	63	.3639 51	.5210 51	.6784 51
0.80	30	.6000 52	.2182 51	.3472 51	-.2902 46	.1000 51	.2002 51	51	53	63	.3917 51	.5538 51	.7162 51
0.90	30	.6000 52	.2408 51	.3447 51	-.2678 46	.1000 51	.2002 51	51	53	63	.4148 51	.5808 51	.7472 51
1.00	30	.6000 52	.2636 51	.3429 51	-.2493 46	.1000 51	.2002 51	50	53	63	.4342 51	.6035 51	.7731 51