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SOME AOQ AND AFI VALUES FOR THE DODGE AND
TORRY CSP-3 CONTINUOUS SAMPLING PLAN

R. H. Hull

UNION CARBIDE CORPORATION
NUCLEAR DIVISION
OAK RIDGE Y-12 PLANT

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**UNION
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OAK RIDGE Y-12 PLANT
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SOME AOQ AND AFI VALUES FOR THE DODGE AND
TORREY CSP-3 CONTINUOUS SAMPLING PLAN

R. H. Hull, Jr

This report is based on a study by the author as
partial fulfillment of requirements for the degree
of Master of Science in Statistics from The Uni-
versity of Tennessee.

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ABSTRACT

The main purposes of this study were (1) to present a mathematical proof of the AOQ formula for CSP-3, and (2) to apply this formula in deriving AOQ and AFI values for CSP-3.

Before AOQ and AFI values were generated, it was necessary to verify the CSP-3 AOQ formula. The proof revealed AOQ to be

$$p \left[\frac{q^i (1-q^{k+4} + q^4)(1-f)}{f(1-q^i)(1-q^{k+4}) + q^i (1-q^{k+4} + q^4) + 4fpq^i} \right].$$

This above formula is different from the formula given in error by Dodge and Torrey in the March, 1951 issue of Industrial Quality Control.

Because of the complexity of the AOQ formula and time consuming calculations involved, a computer program was written in Fortran IV language for the IBM 7090 computer in order to determine AOQ and AFI values. For each set of values generated, the per cent defective, p , ranged from 0.5 per cent to 50.0 per cent at increments of 0.5 per cent. The values of i used in this study ranged from 5 to 200 units, and the sampling rate, f , began with 5 per cent and terminated with 50 per cent at increments of 5 per cent. An assumption which was made throughout this study is that $i = k$. The computer program was written in such a manner that AOQ and AFI values could be generated for a

given i value at various levels of f and p with only one data card. Therefore, A0Q and AFI values other than those appearing in this study may be generated with this computer program.

In addition, curves for obtaining values of f and i for a given value of A0QL were determined. When compared to the corresponding CSP-2 values, an examination revealed that the i values for CSP-3 were reduced by about 4 units when A0QL is 2 per cent; at 3 per cent A0QL, the CSP-3 i values were about 3 units less than the CSP-2 values; and for A0QL values greater than 3 per cent, the i values for CSP-3 were about 2 units less than the CSP-2 values.

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CHAPTER I

INTRODUCTION

A continuous sampling inspection plan is one which is designed to be applied continuously as the items are completed and presented for acceptance. As each item is presented, the decision is made to inspect or not to inspect it according to: (1) previous inspection results, and (2) a random selection procedure that gives the proper probability of selecting each item.¹ One of the basic and most important advantages of continuous sampling plans over lot-by-lot acceptance plans is that in applying the continuous plan, it is not necessary to accumulate a lot before making a decision. This advantage is especially vital when producing costly items because: (1) defective items will be spotted sooner after they occur than if the items were accumulated for lot-by-lot acceptance and, therefore, (2) the production or fabrication group can be kept currently informed as to the status of production items.

¹ Inspection and Quality Control Handbook (interim) H-106, Multi-Level Continuous Sampling Procedures and Tables for Inspection by Attributes, A Report Prepared by the Department of the Navy (Washington: Office of the Assistant Secretary of Defense, 1958), p. 1.

A frequently used continuous sampling plan is designated as CSP-3, which was originated by Harold F. Dodge and Mary N. Torrey.² Before further discussion of CSP-3, it would be advantageous to examine briefly the original plans upon which CSP-3 is based. Dodge's initial continuous sampling plan is referred to as CSP-1.³ At the beginning of inspection, 100 per cent of the product is examined. When i consecutive units are free of defects, 100 per cent inspection is discontinued and a fraction, f , of product is inspected. While sampling, if a defective unit is found, reversion to 100 per cent inspection is made. In an effort to satisfy complaints that immediate return to 100 per cent inspection after only one defect was too severe a restriction, Dodge and Torrey devised CSP-2.⁴ The only additional stipulation under CSP-2 is that sampling inspection will be discontinued and a return to 100 per cent inspection will occur when two defective items are found within a sample of k units. It is assumed that $k = i$ in almost all instances although this is not a requirement. For purposes of providing greater protection against

²Harold F. Dodge and Mary N. Torrey, "Additional Continuous Sampling Inspection Plans," Industrial Quality Control, 7:7-12, March, 1951.

³Harold F. Dodge, "A Sampling Inspection Plan for Continuous Production," The Annals of Mathematical Statistics, 14:264-79, September, 1943.

⁴Dodge and Torrey, loc. cit.

unexpected surges of defective items, an additional restriction was added to CSP-2. This new plan is referred to as CSP-3. When applying CSP-3 under sampling inspection, after a defective item has been found, the next four items are inspected. If a defect is found within the four items, 100 per cent inspection is invoked. A more complete discussion and diagram of the operation of CSP-3 appears in Chapter III.

I. THE PROBLEM

Statement of the Problem

A frequently encountered quality which is used to describe a given sampling plan is called the Average Outgoing Quality, or AOQ. The curve of AOQ is a graphic device which depicts the relationship between incoming and final outgoing quality. Final outgoing quality includes those items accepted on the basis of the sampling plan and excludes other defective items which were rejected on the basis of the sampling plan. In other words, if the fraction defective of incoming items is small, most of the production will be accepted and therefore, the outgoing quality will have a low fraction defective. However, if the other extreme exists (a high fraction defective of incoming items), 100 per cent inspection would be invoked resulting in a low fraction defective of outgoing quality. In summary, an AOQ value is usually expressed

as per cent defective which, in the long run, will not be exceeded, regardless of the quality submitted to the inspector.⁵

Another important graphic device, which has proved to be helpful in estimating inspection costs, is the average fraction inspected, or AFI curve. The average fraction of total items inspected is a direct function of the incoming quality. As the fraction defective of incoming production increases, the average fraction of total items inspected will also increase.

The purposes of this study are: (1) to present a mathematical proof of the AOQ formula for CSP-3, (2) to apply this formula in deriving AOQ curves for CSP-3, (3) to generate AFI curves for CSP-3, and (4) to offer suggestions for possible areas of further study.

Importance of the Study

In the article discussing CSP-3 in Industrial Quality Control, Dodge and Torrey stated that AOQ values for CSP-2 may be used to approximate the CSP-3 AOQ values.⁶ In some instances, however, it would be advantageous to use exact AOQ values for CSP-3 instead of CSP-2 approximations. One such instance exists at the Union Carbide Corporation-Nuclear Division,

⁵Dodge, op. cit., p. 264.

⁶Dodge and Torrey, op. cit., p. 10.

Y-12 Plant, located at Oak Ridge, Tennessee. A continuous inspection sampling plan which is based upon CSP-3 is in use at the Y-12 Plant. Since very little information about CSP-3 is available, especially A0Q curves, it is most desirable for management and the administrators of the sampling plan to have more exact A0Q values for CSP-3 in lieu of CSP-2 approximations. The information contained in this study can supply the Y-12 Plant with these useful A0Q values.

The Average Outgoing Quality Limit (AOQL) describes the worst quality of material that a given sampling plan is capable of producing. Mathematically, the AOQL is the maximum A0Q value for any given plan. Therefore, with the use of the A0Q curves derived in this study, AOQL values for CSP-3 may be determined approximately.

Another use for the A0Q curves presented in this study may be for purposes of determining the average fraction of total units inspected. With the use of the formula:

$$AFI = 1 - \frac{A0Q}{p},$$

where:

AFI = average fraction of total units inspected, and

p = fraction defective of units produced,

average fraction inspected curves for CSP-3 may easily be determined.⁷

II. METHOD OF PROCEDURE

The AOQ and AFI values for CSP-3 were derived with the use of the formula presented in Chapter III. An assumption which was made throughout this study is that $i = k$. Therefore, with the exception of the general proof of the AOQ formula appearing in Chapter III, i will be used to refer to both i and k for CSP-3. Because of the complexity and time-consuming calculations involved, a computer program was written for purposes of determining the AOQ and AFI values. For each curve generated, the per cent defective, p , ranged from 0.5 to 50.0 per cent in increments of 0.5 per cent. A large number of AOQ and AFI values were then derived for various levels of f and i .

III. ORGANIZATION OF THE THESIS

Chapter I includes an introduction, a statement of the problem, its importance, and the method of procedure.

Chapter II presents a review of the literature concerning continuous sampling procedures.

⁷Ibid., p. 11.

Chapter III contains a full discussion and diagram for CSP-3 and gives mathematical proof of the formula for determining A0Q values.

Chapter IV describes the manner in which the A0Q and AFI curves were generated and contains a summary and discussion of the results.

Chapter V is a summary of the preceding chapters and, in addition, presents conclusions and suggestions for areas of future study.

CHAPTER II

HISTORY OF CONTINUOUS SAMPLING INSPECTION

Since the introduction of continuous sampling inspection plans in 1943 by Dodge, several modifications of the original plan in addition to other types of continuous inspection plans have been devised.

I. DODGE-TYPE PLANS

Although previously mentioned, because of its importance and contribution to other plans, the procedures for Dodge's first plan, CSP-1, shall be discussed further. CSP-1 is a simple and easy-to-administer plan whereby i consecutive units must be found free of defects before beginning the sampling of a fraction, $1/k$, of units produced. If a defective unit is found while sampling, 100 per cent inspection is initiated immediately, completing the cycle.

Using the original Dodge plan as a basis, several other continuous sampling plans were proposed. These plans include CSP-2,¹ CSP-3,² CSP-4,³

¹H. F. Dodge and M. N. Torrey, "Additional Continuous Sampling Inspection Plans," Industrial Quality Control, 7:7-12, March, 1951.

²Ibid., pp. 9-12.

³C. Derman, M. V. Johns, Jr., and G. J. Lieberman, "Continuous Sampling Procedures Without Control," The Annals of Mathematical Statistics, 30: 1175-1191, December, 1959.

CSP-5,⁴ H-106,⁵ MLP,⁶ MLP-r x 1,⁷ MLP-T,⁸ and MLP-r x s.⁹

Single-Level Plans

In 1951, Dodge and Torrey expanded CSP-1 into two additional continuous sampling plans, CSP-2 and CSP-3. Under these three continuous sampling plans, Dodge and Torrey assumed that the process was in a state of statistical control. The process is defined as being in a state of statistical control if for every item produced the probability that it is defective is a positive constant $p \leq 1$ where p is independent of the condition or defectiveness of all the other items produced. In the original sampling plans, Dodge and Torrey guaranteed an AOQL with the assumption that the process was

⁴ Ibid.

⁵ Inspection and Quality Control Handbook (interim) H-106, Multi-Level Continuous Sampling Procedures and Tables for Inspection by Attributes, a Report Prepared by the Department of the Navy (Washington: Office of the Assistant Secretary of Defense, 1958) pp. 1-16.

⁶ Gerald J. Lieberman and Herbert Solomon, "Multi-Level Continuous Sampling Plans," The Annals of Mathematical Statistics, 26:686-704, December, 1955.

⁷ C. Derman, S. Littauer, and H. Solomon, "Tightened Multi-Level Continuous Sampling Plans," The Annals of Mathematical Statistics, 28:395-404, March, 1957.

⁸ Ibid.

⁹ Ibid.

in a state of statistical control. In 1953 Lieberman showed that this procedure, without the assumption of statistical control, guaranteed an AOQL, although different from that specified by Dodge.¹⁰

The plans CSP-4 and CSP-5 were devised in an effort to assure an AOQL without assuming the process to be in statistical control. Under the procedures for CSP-4 and CSP-5, changes from the original Dodge plan were made in the rule of action when a defective item was found while sampling was in effect. Following are the steps outlining the procedures for CSP-4:

1. Begin by inspecting 100 per cent of the units consecutively as produced until i successive units are found free of defects.
2. After examining i successive defect-free units, discontinue 100 per cent inspection, and inspect only a fraction $1/k$ of the units, choosing the unit to be inspected at random from a segment of size k .
3. If, while sampling, a defect is found, revert immediately to 100 per cent inspection, eliminating from the production process the remaining $k-1$ items of the segment, and returning to 100 per cent inspection with the next item following the eliminated

¹⁰ Gerald J. Lieberman, "A Note on Dodge's Continuous Inspection Plan," The Annals of Mathematical Statistics, 24:480-84, September, 1953.

segment. This completes the cycle. As in Dodge's original plan, all defective units are corrected or replaced with good units.

The second continuous sampling plan, CSP-5, which was derived without the assumption of the existence of a state of statistical control is the same as CSP-4 except for Step 3. Under Step 3, the procedure for CSP-5 is as follows: If, while sampling, a defective unit is found, screen the remaining $k-1$ items in the segment. After screening, begin 100 per cent inspection with the next item produced. Continue 100 per cent inspection until i successive defect-free units are found. These i units do not include the $k-1$ screened units. It is significant to note that for a given k and i , the AOQL values for CSP-4 and CSP-5 are always slightly higher than Dodge's CSP-1 AOQL values.

Multi-Level Plans

In an effort to satisfy complaints that the original Dodge plans required too abrupt a change between 100 per cent inspection and sampling inspection, Lieberman and Solomon devised a multi-level continuous sampling plan, referred to as MLP. In addition to allowing a smoother transition between 100 per cent inspection and sampling inspection, the authors contended that MLP required 100 per cent inspection only when the quality was very poor and required a minimum amount of inspection when quality was good. The MLP inspection scheme, which is an extension of CSP-1, consists of a number of

sampling levels subject to the provision that transitions can only occur between adjacent levels. These sampling levels or rates decrease in a geometric progression as the product quality improves. Following are the procedures for MLP:

1. Begin by inspecting 100 per cent of the units consecutively as produced until i successive units are found free of defects.
2. After examining i successive defect-free units, discontinue 100 per cent inspection and inspect only a fraction, f , of the units. If the next i units are free of defects, proceed to the next level. If a defect occurs in the above i units, revert immediately to 100 per cent inspection.
3. If, while sampling at rate f , i units are found to be free of defects, discontinue sampling at rate f and proceed at a sampling rate of f^2 . If the next i units are free of defects, proceed to the next level. If a defect occurs in the above i units, revert immediately to sampling at rate f .
4. If, while sampling at rate f^2 , i units are found to be free of defects, discontinue sampling at rate f^2 and proceed at a sampling rate of f^3 . If the next i units are free of defects, proceed to the next level. If a defect occurs in the above i units, revert immediately to sampling at rate f^2 .

The above procedure may continue until a sampling rate of f^k is reached. As in CSP-1, all known defective items should either be corrected or replaced with good items. It is significant to observe that for the special case where $k = 1$, MLP reduces to the original Dodge plan, CSP-1.

Under MLP, after finding a defect while sampling at rate f^k , a reversion to sampling rate f^{k-1} is made. In an apparent effort to increase the penalty for finding a defective unit, three tightened multi-level continuous sampling plans, based upon MLP, were originated. These plans are referred to as MLP-r x 1, MLP-r x s, and MLP-T.

When operating under the MLP-r x 1 plan, if i successive defect-free units are found while sampling at the j -th level, proceed to sample at the $(j + 1)$ -th level. If a defect is found before i successive acceptable units occur, revert immediately to the $(j - r)$ -th level, if $j > r$, or to 100 per cent inspection if $j \leq r$. In the special case where $r = 1$, MLP-r x 1 reduces to the original MLP plan.

The MLP-r x s plan is basically the same as MLP-r x 1, except that when i successive units are found free of defects while sampling at the j -th level, sampling begins at level $(j + s)$. If a defect is found, the same action as required under MLP-r x 1 should be taken. In the special situation where $r = s$, MLP-r x s reduces to the original MLP plan. Since MLP-r x s is a

tightened plan, with respect to the MLP plan, only cases where $r > s$ should be considered.

The third tightened multi-level plan, MLP-T, is the same as MLP-r x 1 except upon finding a defective item a reversion to 100 per cent inspection is made immediately. Of the three tightened multi-level plans, MLP-T is the most strict in the sense that a reversion to 100 per cent inspection is accomplished sooner after finding a defect.

In 1958, the Department of Defense issued a handbook, referred to as H-106, which presented a multi-level continuous sampling scheme. The first level of this plan very closely resembles CSP-3. The only difference between Level 1 of the H-106 plan and CSP-3 is that after inspecting the four units following a sampling defect, and no defects are found within these four units, the H-106 plan requires sampling to continue until the next $i - 4$ units are inspected; whereas, under the same conditions, CSP-3 requires sampling to continue until i acceptable units are inspected. As in the MLP plans, the H-106 plan provides for a reduction of the sampling rate when the process exhibits a quality level much better than the AOQL. The H-106 plan calls for three sampling levels with the rate of change of sampling from level to level being in a geometric progression, f , f^2 , and f^3 . Figure 1 shows a flow diagram of the H-106 inspection scheme for $f = 1/2$.

FIGURE 1

PROCEDURE FOR H-106 CONTINUOUS SAMPLING INSPECTION
PLAN FOR $f = 1/2$

As in most Dodge-type plans, with the exception CSP-4 and CSP-5, the H-106 plan assumes the production process to be in a state of statistical control. In 1966, White provided several AOQL values for the H-106 plan under the assumption that the process was not in a state of statistical control.¹¹ These AOQL values were referred to as unrestricted, and designated UAOQL. Thus, the UAOQL may be defined as the long-run per cent of defective items in the outgoing product after inspection as a result of the plan's performance against the worst possible quality sequence of produced items. The author points out that in some instances the UAOQL has been found to be as much as four times greater than the corresponding AOQL calculated under the assumption of the process' being in statistical control.

II. OTHER PLANS

In 1945, Wald and Wolfowitz proposed a continuous inspection scheme referred to as SPA.¹² Unlike the Dodge-type plans, the SPA plan begins with sampling inspection. A predetermined number of units are sampled until

¹¹ Leon S. White, "The Evaluation of H-106 Continuous Sampling Plans Under the Assumption of Worst Conditions," Journal of the American Statistical Association, 61:833-841, September, 1966.

¹² A. Wald and J. Wolfowitz, "Sampling Inspection Plans for Continuous Production Which Insure a Prescribed Limit on the Outgoing Quality," The Annals of Mathematical Statistics, 16:30-49, March, 1945.

more than a fixed number of defective items are found while sampling. Whenever this fixed number of defective units is exceeded, 100 per cent inspection is required. Sampling inspection is reinstated when the cumulative proportion defective of the inspected units is equal to or less than the prescribed limit. The authors state that SPA will guarantee a given AOQL whether or not the production process is in a state of statistical control. However, when the process is under statistical control, the SPA plan requires a minimum amount of inspection as well as guaranteeing a specified AOQL.

The authors reported that although the SPA plan will guarantee the desired AOQL with inspection at a minimum when the production process is in statistical control, the plan is rather unfavorable as far as protection against accepting a short run of unusually bad production. In order to achieve better local stability, Wald and Wolfowitz proposed a slight modification of SPA, referred to as SPC.¹³ The SPC plan requires the beginning of 100 per cent inspection more quickly in situations where a number of defects occur within a short production run, regardless of the cumulative proportion defective. The authors emphasize that the use of the SPC plan does not increase the AOQL over the corresponding SPA values. However, the amount of inspection

¹³ Ibid., pp. 43-46.

will be increased, especially under very high local stability requirements.

In 1954, Girshick proposed a continuous inspection scheme similar to the plans of Wald and Wolfowitz.¹⁴ The Girshick plan begins by sampling $1/k$ units and continues at this rate until a predetermined number of defective units, m , have been observed. At this time, if the cumulative sample size, n , is less than another predetermined number, N , one begins anew. However, if the cumulative sample size is greater than or equal to N , the plan requires 100 per cent inspection of $(N - n)k$ units before beginning the cycle anew. The values of m and N are mainly dependent upon the desired AOQL. As in the plans of Wald and Wolfowitz, the big advantage of the Girshick plan is that it holds the AOQL whether or not the process is in a state of statistical control.

In summary, the basic difference between the Dodge-type plans and the Wald and Wolfowitz-type plans is the concept of sampling versus initial 100 per cent inspection. All Dodge-type plans begin with 100 per cent inspection and initiate sampling inspection when the production reaches an acceptable quality level. The Wald and Wolfowitz-type plans initially call for sampling

¹⁴M. A. Girshick, Technical Report No. 16, Applied Mathematics and Statistics Laboratory, Stanford University, July, 1954.

inspection, with 100 per cent inspection being required only when the production reaches an unacceptable level.

CHAPTER III

PROCEDURE FOR CSP-3 AND MATHEMATICAL
VERIFICATION OF AOQ

The following section of the study consists of a discussion and diagram of procedures for CSP-3. In addition, a mathematical verification of the AOQ formula for CSP-3 is presented.

I. PROCEDURE FOR CSP-3

Following is a detailed description of the procedure for CSP-3:¹

1. In the beginning, inspect 100 per cent of the units consecutively as produced until i successive units are found free of defects.
2. When i successive units are found free of defects, discontinue 100 per cent inspection and inspect only a fraction, f , of the units, selecting these units in a random manner.
3. If a defective unit is found while sampling, inspect the next four units. If a defect is found in the four units, revert to 100 per cent inspection and follow the procedure outlined in Step 1. If no defect

¹Harold F. Dodge and Mary N. Torrey, "Additional Continuous Sampling Inspection Plans," Industrial Quality Control, 7:9-10, March, 1951.

is found in the four units, continue sampling, but keep count of the number of units inspected after a defect is found.

4. If a defect is found in the next i or less sample units, revert to 100 per cent inspection and follow the procedure outlined in Step 1. If no defect is found in the next i or less sample units, continue sampling until the next defect is found. When the next defect is found, proceed as outlined in Step 3.

Figure 2 presents the above procedure in the form of a flow diagram for easy reference.

II. MATHEMATICAL VERIFICATION OF AOQ

Before generating AOQ and AFI values, it was necessary to verify, mathematically, the AOQ formula for CSP-3. The formulae to follow, with the exception of 7 and 8, were presented in earlier CSP-1 and CSP-2 works of Dodge and Torrey.² The proofs and derivations of some of these formulae, however, were incomplete. In 1957, C. C. Thigpen fully developed the basic

²Ibid., pp. 10-11; and H. F. Dodge, "A Sampling Inspection Plan for Continuous Production," The Annals of Mathematical Statistics, 14:264-79, September, 1943.

FIGURE 2

PROCEDURE FOR CSP-3

formulae for CSP-2.³ Since the basic CSP-2 formulae also are applicable to CSP-3, the proofs of these formulae were not duplicated in this study.

Following are the definitions and formulae for 100 per cent inspection:

1. The probability of a failure sequence occurring, denoted by P_1 , or a series of less than i acceptable units followed by a defective is:

$$(1 + q + q^2 + q^3 + \dots + q^{i-1})p = \frac{1}{1-q} (1-q^i)p = 1-q^i.$$

2. Since the probability of getting a failure sequence is $1-q^i$, the probability of getting a passing sequence, denoted by Q_1 , or a series of i or more acceptable units before finding a defective, is q^i . Therefore, $P_1 + Q_1 = 1$.

3. This section defines the expression for the average number of failure sequences before finding i successive defect-free units as:

$$\frac{1-q^i}{q} = \frac{P_1}{Q_1}.$$

Denote this average value by G .

³C. C. Thigpen, "Extension of the Dodge CSP-2 Continuous Sampling Plan to the Case i Not Equal to k " (unpublished Master's thesis, The University of Tennessee, Knoxville, 1957), pp. 11-17.

4. Having defined the average number of failure sequences before finding i successive defect-free units, the average number of units in a failure sequence next is defined as:

$$\frac{1}{p} - \frac{iq^i}{1-q} = h_1.$$

5. From Definitions 3 and 4, the average number of units inspected in a 100 per cent inspection is defined to be $Gh_1 + i = u$.

6. This section defines the average number of units inspected in a sequence of i or more good units followed by a defective unit. The expression will define the average number of units in a sequence of good units followed by a defective unit, given that the sequence includes i good units initially. This expression is defined to be $\frac{1}{p} + i = g_1$.

7. The probability of a failure sequence of less than four units occurring is $1-q^4$, and is denoted by $\bar{R}$.
8. From Definition 7, it follows that the probability of getting at least four good units is q^4 , and is denoted by R .

Similar definitions and expressions for sampling inspection are given as follows:

9. The probability of a sequence of less than k good units and then a defective is $1-q^k = P_2$. Combined with Q_1 and R , a complete cycle is made. Then, this cycle of Q_1RP_2 is the probability of beginning with 100 per cent inspection, inspecting i consecutive good unit, beginning sampling inspection, finding a defective unit, inspecting the next four units, finding a defective unit within these four units, and then a reversion to 100 per cent inspection. Note that all cycles are terminated either with P_2 (the probability of a failure sequence of k or less units) or with $\bar{R}$ (the probability of a failure sequence of less than four units).
10. The probability of finding k or more good sample units before finding the first defective is q^k , and is denoted by Q_2 .
11. The average number of units inspected in a failure sequence of less than k good sample units followed by a defective unit is defined to be $h_2 = \frac{1}{p} - \frac{kq^k}{1-q}$.
12. The average number of units in a sequence of k or more good units followed by a defective unit is defined to be $g_2 = \frac{1}{p} + k$.
13. The expressions defining AFI and AOQ now can be derived. From Definition 5, u is the average number of units inspected in a

given 100 per cent inspection. Similarly, d is defined to be the average number of times that a group of four consecutive units is examined. During sampling inspection, a fraction, f , of units are inspected. If the average number of units accepted during one sampling inspection is denoted by v , the average number of units inspected during one sampling inspection is fv . Therefore, the average fraction of total units inspected in the long run, AFI, is:

$$AFI = \frac{u + d + fv}{u + d + v}.$$

As mentioned before, one inspection cycle extends from the beginning of 100 per cent inspection until it is reverted to again. The expected value of the total number of units inspected for any given plan may be found by considering the number of units that would be inspected in all possible cycles.

Probability of Possible Cycles	Average Number Inspected in Such Cycles
$Q_1 \bar{R}$	$Q_1 \bar{R}(g_1 + 4)$
$Q_1 R P_2$	$+ Q_1 R P_2(g_1 + h_2 + 4)$
$Q_1 R Q_2 \bar{R}$	$+ Q_1 R Q_2 \bar{R}(g_1 + g_2 + 2 \cdot 4)$
$Q_1 R Q_2 R P_2$	$+ Q_1 R Q_2 R P_2(g_1 + g_2 + h_2 + 2 \cdot 4)$
$Q_1 R Q_2 R Q_2 \bar{R}$	$+ Q_1 R Q_2 R Q_2 \bar{R}(g_1 + 2g_2 + 3 \cdot 4)$

$$Q_1 R Q_2 R Q_2 R P_2$$

$$Q_1 R Q_2 R Q_2 R Q_2 \bar{R}$$

...

$$P_1 Q_1 \bar{R}$$

$$P_1 Q_1 R P_2$$

$$P_1 Q_1 R Q_2 \bar{R}$$

$$P_1 Q_1 R Q_2 R P_2$$

$$P_1 Q_1 R Q_2 R Q_2 \bar{R}$$

$$P_1 Q_1 R Q_2 R Q_2 R P_2$$

$$P_1 Q_1 R Q_2 R Q_2 R Q_2 \bar{R}$$

...

$$P_1^2 Q_1 \bar{R}$$

$$P_1^2 Q_1 R P_2$$

$$P_1^2 Q_1 R Q_2 \bar{R}$$

$$P_1^2 Q_1 R Q_2 R P_2$$

$$P_1^2 Q_1 R Q_2 R Q_2 \bar{R}$$

$$P_1^2 Q_1 R Q_2 R Q_2 R P_2$$

$$P_1^2 Q_1 R Q_2 R Q_2 R Q_2 \bar{R}$$

...

...

$$+ Q_1 R Q_2 R Q_2 R P_2 (g_1 + 2g_2 + h_2 + 3 \cdot 4)$$

$$+ Q_1 R Q_2 R Q_2 R Q_2 \bar{R} (g_1 + 3g_2 + 4 \cdot 4)$$

+ ... +

$$P_1 Q_1 \bar{R} (h_1 + g_1 + 4)$$

$$+ P_1 Q_1 R P_2 (h_1 + g_1 + h_2 + 4)$$

$$+ P_1 Q_1 R Q_2 \bar{R} (h_1 + g_1 + g_2 + 2 \cdot 4)$$

$$+ P_1 Q_1 R Q_2 R P_2 (h_1 + g_1 + g_2 + h_2 + 2 \cdot 4)$$

$$+ P_1 Q_1 R Q_2 R Q_2 \bar{R} (h_1 + g_1 + 2g_2 + 3 \cdot 4)$$

$$+ P_1 Q_1 R Q_2 R Q_2 R P_2 (h_1 + g_1 + 2g_2 + h_2 + 3 \cdot 4)$$

$$+ P_1 Q_1 R Q_2 R Q_2 R Q_2 \bar{R} (h_1 + g_1 + 3g_2 + 4 \cdot 4)$$

+ ... +

$$P_1^2 Q_1 \bar{R} (2h_1 + g_1 + 4)$$

$$+ P_1^2 Q_1 R P_2 (2h_1 + g_1 + h_2 + 4)$$

$$+ P_1^2 Q_1 R Q_2 \bar{R} (2h_1 + g_1 + g_2 + 2 \cdot 4)$$

$$+ P_1^2 Q_1 R Q_2 R P_2 (2h_1 + g_1 + g_2 + h_2 + 2 \cdot 4)$$

$$+ P_1^2 Q_1 R Q_2 R Q_2 \bar{R} (2h_1 + g_1 + 2g_2 + 3 \cdot 4)$$

$$+ P_1^2 Q_1 R Q_2 R Q_2 R P_2 (2h_1 + g_1 + 2g_2 + h_2 + 3 \cdot 4)$$

$$+ P_1^2 Q_1 R Q_2 R Q_2 R Q_2 \bar{R} (2h_1 + g_1 + 3g_2 + 4 \cdot 4)$$

+ ... +

+ ... +

Sum of all terms for g_1 :

$$\begin{aligned}
 & (Q_1 \bar{R} g_1 + Q_1 R P_2 g_1 + Q_1 R Q_2 \bar{R} g_1 + Q_1 R Q_2 R P_2 g_1 + \dots) \\
 & + (P_1 Q_1 \bar{R} g_1 + P_1 Q_1 R P_2 g_1 + P_1 Q_1 R Q_2 \bar{R} g_1 + P_1 Q_1 R Q_2 R P_2 g_1 + \dots) \\
 & + (P_1^2 Q_1 \bar{R} g_1 + P_1^2 Q_1 R P_2 g_1 + P_1^2 Q_1 R Q_2 \bar{R} g_1 + P_1^2 Q_1 R Q_2 R P_2 g_1 + \dots) \\
 & + (P_1^3 Q_1 \bar{R} g_1 + P_1^3 Q_1 R P_2 g_1 + P_1^3 Q_1 R Q_2 \bar{R} g_1 + P_1^3 Q_1 R Q_2 R P_2 g_1 + \dots) \\
 & + \dots + \\
 & = Q_1 \bar{R} g_1 (1 + P_1 + P_1^2 + P_1^3 + \dots) + Q_1 R P_2 g_1 (1 + P_1 + P_1^2 + P_1^3 + \dots) + \\
 & Q_1 R Q_2 \bar{R} g_1 (1 + P_1 + P_1^2 + P_1^3 + \dots) + \dots .
 \end{aligned}$$

Since,

$$1 + P_1 + P_1^2 + P_1^3 + \dots = \frac{1}{1-P_1} = \frac{1}{Q_1},$$

therefore,

$$\begin{aligned}
 & \frac{Q_1 \bar{R} g_1}{Q_1} + \frac{Q_1 R P_2 g_1}{Q_1} + \frac{Q_1 R Q_2 \bar{R} g_1}{Q_1} + \frac{Q_1 R Q_2 R P_2 g_1}{Q_1} + \dots \\
 & = \bar{R} g_1 + R P_2 g_1 + R Q_2 \bar{R} g_1 + R Q_2 R P_2 g_1 + \dots \\
 & = (\bar{R} + R P_2) g_1 + R Q_2 (\bar{R} + R P_2) g_1 + R^2 Q_2^2 (\bar{R} + R P_2) g_1 + \dots \\
 & = (\bar{R} + R P_2) (g_1 + R Q_2 g_1 + R^2 Q_2^2 g_1 + \dots) \\
 & = (\bar{R} + R P_2) \left(\frac{1}{1-RQ_2} \right) g_1 \\
 & = \left(\frac{\bar{R} + R P_2}{1-RQ_2} \right) g_1 = g_1.
 \end{aligned}$$

Sum of all terms for h_1 :

$$\begin{aligned}
 & (P_1 Q_1 \bar{R} h_1 + P_1 Q_1 R P_2 h_1 + P_1 Q_1 R Q_2 \bar{R} h_1 + P_1 Q_1 R Q_2 R P_2 h_1 + \dots) \\
 & + (P_1^2 Q_1 \bar{R} 2h_1 + P_1^2 Q_1 R P_2 2h_1 + P_1^2 Q_1 R Q_2 \bar{R} 2h_1 + P_1^2 Q_1 R Q_2 R P_2 2h_1 + \dots) \\
 & + \dots \\
 & = h_1 Q_1 \bar{R} (P_1 + 2P_1^2 + \dots) + h_1 Q_1 R P_2 (P_1 + 2P_1^2 + \dots) \\
 & + h_1 Q_1 R Q_2 \bar{R} (P_1 + 2P_1^2 + \dots) + \dots
 \end{aligned}$$

Since,

$$\begin{aligned}
 P_1 + 2P_1^2 + \dots &= P_1 (1 + 2P_1 + 3P_1^2 + \dots) \\
 &= \frac{P_1}{(1-P_1)^2} = \frac{P_1}{Q_1^2},
 \end{aligned}$$

therefore,

$$\begin{aligned}
 & h_1 \left(\frac{P_1 \bar{R}}{Q_1} + \frac{P_1 P_2 R}{Q_1} + \frac{P_1 Q_2 \bar{R} R}{Q_1} + \frac{P_1 P_2 R Q_2 R}{Q_1} + \dots \right) \\
 &= \frac{h_1 P_1}{Q_1} (\bar{R} + R P_2 + R Q_2 \bar{R} + R^2 P_2 Q_2 + \dots) \\
 &= \frac{h_1 P_1}{Q_1} \left(\frac{\bar{R} + R P_2}{1 - R Q_2} \right) = h_1 \left(\frac{P_1}{Q_1} \right).
 \end{aligned}$$

Sum of all terms for g_2 :

$$\begin{aligned}
 & (Q_1 R Q_2 \bar{R} g_2 + Q_1 R Q_2 R P_2 g_2 + Q_1 R Q_2 R Q_2 \bar{R} g_2 + Q_1 R Q_2 R Q_2 R P_2 g_2 + \dots) \\
 & + (P_1 Q_1 R Q_2 \bar{R} 2g_2 + P_1 Q_1 R Q_2 R P_2 2g_2 + P_1 Q_1 R Q_2 R Q_2 \bar{R} 2g_2 + P_1 Q_1 R Q_2 R Q_2 R P_2 2g_2 + \dots)
 \end{aligned}$$

$$\begin{aligned}
& + \dots) + (P_1^2 Q_1 R Q_2 R g_2 + P_1^2 Q_1 R Q_2 R P_2 g_2 + P_1^2 Q_1 R Q_2 R Q_2 \bar{R}^2 g_2 \\
& + P_1^2 Q_1 R Q_2 R Q_2 R P_2^2 g_2 + \dots) + \dots + \\
& = g_2 Q_1 R Q_2 \bar{R} (1 + P_1 + P_1^2 + \dots) + g_2 Q_1 R Q_2 R P_2 (1 + P_1 + P_1^2 \\
& + \dots) + 2g_2 Q_1 R Q_2 R Q_2 \bar{R} (1 + P_1 + P_1^2 + \dots) + \dots \\
& = g_2 R Q_2 \bar{R} + g_2 R Q_2 R P_2 + 2g_2 R Q_2 R Q_2 \bar{R} + 2g_2 R Q_2 R Q_2 R P_2 + \dots \\
& = g_2 (R Q_2 \bar{R} + R^2 Q_2 P_2 + 2R^2 Q_2^2 \bar{R} + 2R^3 Q_2^2 P_2 + \dots) \\
& = g_2 R Q_2 (\bar{R} + R P_2 + 2R Q_2 \bar{R} + 2R^2 Q_2 P_2 + \dots) \\
& = g_2 R Q_2 (\bar{R} + R P_2) + 2g_2 R^2 Q_2^2 (\bar{R} + R P_2) + \dots \\
& = (\bar{R} + R P_2) (g_2 R Q_2 + 2g_2 R^2 Q_2^2 + \dots) \\
& = (\bar{R} + R P_2) \left(\frac{R Q_2}{(1-R Q_2)^2} \right) g_2 \\
& = \frac{\bar{R} R Q_2}{(1-R Q_2)^2} g_2 + \frac{R^2 P_2 Q_2}{(1-R Q_2)^2} g_2 \\
& = g_2 \left(\frac{R Q_2 (1-R Q_2)}{(1-R Q_2)^2} \right) \\
& = g_2 \left(\frac{R Q_2}{1-R Q_2} \right).
\end{aligned}$$

Sum of all terms for h_2 :

$$(Q_1 R P_2 h_2 + Q_1 R Q_2 R P_2 h_2 + Q_1 R Q_2 R Q_2 R P_2 h_2 + \dots)$$

$$\begin{aligned}
& + (P_1 Q_1 R P_2 h_2 + P_1 Q_1 R Q_2 R P_2 h_2 + P_1 Q_1 R Q_2 R Q_2 R P_2 h_2 + \dots) \\
& + (P_1^2 Q_1 R P_2 h_2 + P_1^2 Q_1 R Q_2 R P_2 h_2 + P_1^2 Q_1 R Q_2 R Q_2 R P_2 h_2 + \dots) \\
& + \dots \\
& = h_2 Q_1 R P_2 (1 + P_1 + P_1^2 + \dots) + h_2 Q_1 R Q_2 R P_2 (1 + P_1 + P_1^2 + \dots) \\
& + \dots + h_2 Q_1 R Q_2 R Q_2 R P_2 (1 + P_1 + P_1^2 + \dots) + \dots \\
& = h_2 R P_2 + h_2 R Q_2 R P_2 + h_2 R Q_2 R Q_2 R P_2 + \dots \\
& = h_2 (R P_2 + R^2 Q_2 P_2 + R^3 Q_2^2 P_2 + \dots) \\
& = h_2 R P_2 (1 + R Q_2 + R^2 Q_2^2 + \dots) \\
& = h_2 \left(\frac{R P_2}{1 - R Q_2} \right).
\end{aligned}$$

Sum of all terms containing four consecutive inspections:

$$\begin{aligned}
& \left[4(Q_1 \bar{R}) + 4(Q_1 R P_2) + 4(2Q_1 R Q_2 \bar{R}) + 4(2Q_1 R Q_2 R P_2) + \dots \right] \\
& + \left[4(P_1 Q_1 \bar{R}) + 4(P_1 Q_1 R P_2) + 4(2P_1 Q_1 R Q_2 \bar{R}) + 4(2P_1 Q_1 R Q_2 R P_2) + \dots \right] \\
& + \left[4(P_1^2 Q_1 \bar{R}) + 4(P_1^2 Q_1 R P_2) + 4(2P_1^2 Q_1 R Q_2 \bar{R}) + 4(2P_1^2 Q_1 R Q_2 R P_2) + \dots \right] \\
& + \dots \\
& = 4Q_1 \bar{R} (1 + P_1 + P_1^2 + \dots) + 4Q_1 R P_2 (1 + P_1 + P_1^2 + \dots) \\
& + (4)(2)Q_1 R Q_2 \bar{R} (1 + P_1 + P_1^2 + \dots) + \dots \\
& = 4\bar{R} + 4R P_2 + (4)(2)R Q_2 \bar{R} + (4)(2)R^2 Q_2 P_2 + (4)(3)R^2 Q_2^2 \bar{R} \\
& + (3)(4)R^3 Q_2^2 P_2 + \dots \\
& = 4\bar{R} (1 + 2R Q_2 + 3R^2 Q_2^2 + \dots) + 4R P_2 (1 + 2R Q_2 + 3R^2 Q_2^2 + \dots) + \dots
\end{aligned}$$

$$= \frac{4\bar{R}}{(1-RQ_2)^2} + \frac{4RP_2}{(1-RQ_2)^2}$$

$$= \frac{4(1-R) + 4R(1-Q_2)}{(1-RQ_2)^2}$$

$$= \frac{4}{1-RQ_2} = d = \text{average number of times that a group of four consecutive units is examined.}$$

Therefore,

$$u + fv$$

$$= h_1 \left(\frac{P_1}{Q_1} \right) + g_1 + g_2 \left(\frac{RQ_2}{1-RQ_2} \right) + h_2 \left(\frac{RP_2}{1-RQ_2} \right)$$

$$= h_1 \left(\frac{P_1}{Q_1} \right) + g_1 + \left(\frac{R}{1-RQ_2} \right) (g_2 Q_2 + h_2 P_2)$$

$$fv = \frac{1}{p} + \frac{q^4}{1-q^{k+4}} (g_2 Q_2 + h_2 P_2)$$

$$= \frac{1}{p} \left(\frac{1}{1-q^{k+4}} \right) (1-2^{k+4} + q^4).$$

Since,

$$AFI = \frac{u + d + fv}{u + d + v},$$

and

$$AOQ = p(1-AFI),$$

then,

$$\begin{aligned} AOQ &= p \left(1 - \frac{u + fv + d}{u + v + d} \right) \\ &= p \left(\frac{v(1-f)}{u + d + v} \right). \end{aligned}$$

Thus, by substitution,

$$\begin{aligned} AOQ &= p \left[\frac{\left(\frac{1}{fp} \right) \left(\frac{1}{1-q^{k+4}} \right) (1-q^{k+4} + q^4)(1-f)}{\frac{1-q^i}{pq^i} + \left(\frac{1}{fp} \right) \left(\frac{1}{1-q^{k+4}} \right) (1-q^{k+4} + q^4) + \frac{4}{1-q^{k+4}}} \right], \\ &= p \left[\frac{q^i \left(\frac{1}{1-q^{k+4}} \right) (1-q^{k+4} + q^4)(1-f)}{f(1-q^i) + q^i \left(\frac{1}{1-q^{k+4}} \right) (1-q^{k+4} + q^4) + \frac{4fpq^i}{1-q^{k+4}}} \right], \\ &= p \left[\frac{q^i (1-q^{k+4} + q^4)(1-f)}{f(1-q^i)(1-q^{k+4}) + q^i (1-q^{k+4} + q^4) + 4fpq^i} \right]. \end{aligned}$$

This above AOQ formula is different from the formula of:

$$AOQ = p \left[\frac{(1-f)q^i(2-q^{k+4})}{f(1-q^i)(1-q^{k+4}) + q^i(2-q^{k+4}) + 4fpq^i} \right],$$

given in error by Dodge and Torrey.⁴ In the Dodge and Torrey formula, the apparent assumption was that in the part of the cycle requiring four units

⁴Dodge and Torrey, op. cit., p. 11.

to be inspected, 100 per cent inspection of i units was initiated if a defective unit was found in fewer than four units.

CHAPTER IV

DISCUSSION OF THE STUDY

This chapter will describe the techniques used for obtaining the results, a verification of their accuracy, and, finally, a summary of the results.

I. TECHNIQUES USED FOR OBTAINING THE RESULTS

A program was written for the IBM 7090 computer to generate AOQ and AFI values. This program is outlined in Appendix A. As shown in Appendix B, tables representing 100 different AOQ and AFI curves were generated for various levels of f and i .

Choice of i , f , and p

In a study of this type, realistic and practical values should be chosen for the variables under consideration. For example, the AOQ and AFI values generated when i exceeds 200 units would be of little use in most instances. Also, the general shape of both the AOQ and AFI curves for values of i greater than 200 units becomes obvious by examining AOQ and AFI curves for values of i slightly less than 200 units. Therefore, AOQ and AFI tables were generated using i values of 5, 10, 20, 30, 40, 50, 60, 80, 100, and 200 units.

Another variable for which the range was limited in this study was f , the fraction of units sampled. The sampling rates used began with 5 per cent and terminated with 50 per cent, in increments of 5 per cent. In earlier works of Dodge and Torrey concerning CSP-1 and CSP-2, the upper limit of f was established at 50 per cent.¹ In many instances a sampling rate greater than 50 per cent would be of little practical value because the cost of administering the plan would be more than the savings realized by use of the plan.

The choice of the levels of p , the per cent defective, was dependent upon the level of p at which the AOQL occurred. Initially, a program was written with p varying from 0.5 to 20.0 per cent in increments of 0.5 per cent. However, for small values of f and i , the AOQL approximations were not reached. In order to obtain these needed AOQL approximations, the program was modified with p varying from 0.5 to 50.0 per cent in increments of 0.5 per cent. By using increments of p of 0.5 per cent, AOQL values could be approximated closely enough for practical purposes.

¹Harold F. Dodge, "A Sampling Inspection Plan for Continuous Production," The Annals of Mathematical Statistics, 14:272, September, 1943; and Harold F. Dodge and Mary N. Torrey, "Additional Continuous Sampling Inspection Plans," Industrial Quality Control, 7:8, March, 1951.

The Program

The computer was programmed in Fortran IV language to generate A0Q and AFI tables for various levels of f , p , and i . The program was written in such a manner that A0Q and AFI values were generated for a given i at various levels of f and p with only one data card. By writing the program in this manner, A0Q and AFI values could be generated for any values of f , p , and i by merely changing the data cards without altering the program itself. Also, by restricting the increments of p to smaller values, closer A0QL approximations could be obtained.

In a study of this nature, it is important to establish the accuracy of the results. The only errors likely to be encountered would be programming errors. In order to verify the program, several A0Q and AFI values were determined with the use of a desk calculator. The maximum difference between the programmed values and the desk calculator values was found to be 0.000013. This close agreement between programmed and calculated values was interpreted as prima facie evidence that the A0Q and AFI values generated were accurate.

II. RESULTS OF THE STUDY

The following section of the study consists of a discussion of the results and examples of AOQ and AFI curves. Also, a chart for determining f and i values for a given AOQL is presented.

AOQ Results

When studying the AOQ results, it is important to remember that this relationship between the incoming and outgoing quality is based on two fundamental principles: (1) the AOQ values are not to be applied to an isolated finite quantity of production, but instead, should be applied to an overall average of many production runs, and (2) any defective units found are to be repaired or replaced with good units. So, the AOQ may be thought of as the long-run percentage of defective items finally accepted.

Figures 3 and 4 are graphic examples of AOQ curves. AOQ values used to derive these curves as well as other AOQ values are presented in Appendix B in tabular form. The AOQ curves displayed in Figure 3 show the effect of varying i while holding f constant at 30 per cent. The important fact concerning the AOQ curves pictured in Figure 3 is that for a constant f , the AOQL values decrease as i increases. Also, as i increases, the level of p at which the AOQL occurs decreases. For example, when $i = 5$, the AOQL is about 9 per cent and occurs at $p = 24$ per cent; however, when i is increased

FIGURE 3

AOQ CURVES, i VARYING, $f = 0.30$

FIGURE 4

AOK CURVES, f VARYING, $i = 20$

to 20, the AOQL decreases to about 3.2 per cent with p also decreasing to about 8 per cent.

Presented in Figure 4 are examples of AOQ curves with $i = 20$ and f varying. It is significant to note that the AOQL values are reduced as f increases. The level of p at which the AOQL occurs, however, changes only slightly when f varies, compared to the changes shown in Figure 3 with i varying and f constant. For example, when $f = 25$ per cent, the AOQL is about 3.6 per cent and occurs at $p = 8$ per cent, but when f is increased to 50 per cent, the AOQL is reduced to about 1.8 per cent with p decreasing to only about 7 per cent. In summary, an immediate conclusion from Figures 3 and 4 is that AOQL values are reduced as values of f and i increase.

AFI Results

Another graphic device often used in conjunction with continuous sampling is the AFI curve. These curves show the fraction of the total items inspected as a function of the incoming per cent defective. Fraction-inspected curves are often very useful to management as a guide in estimating inspection costs and scheduling inspection workloads.

Figure 5 displays a group of AFI curves with i varying and f held constant at 30 per cent. As expected, for a constant p the total fraction of units inspected increases as i increases. Figure 6 shows a group of AFI curves with f varying

FIGURE 5

AFI CURVES, i VARYING, $f = 0.30$

FIGURE 6

AFI CURVES, f VARYING, $i = 20$

and i held constant at 20 units. Obviously, for a given level of p , as f increases the total fraction of units inspected also increases.

Curves for Determining Values of f and i for a Given Value of AOQL

In order to obtain curves for determining values of f and i for a given value of AOQL for CSP-3, it was necessary to expand the computer program which was previously used for purposes of deriving AOQ values appearing in Appendix B. Since the curves in Figure 7 represent only integral AOQL values ranging from 2 to 10 per cent, it was necessary to generate a great number of AOQ curves in order to extract the AOQL values needed to plot accurately the curves shown. After an AOQL is established, the curves in Figure 7 may be used to determine the most desirable combination of f and i for a given situation. For example, an AOQL of 5 per cent may be achieved with $f = 20$ per cent and $i = 17$ units, or with $f = 3$ per cent and $i = 41$ units. Although previously discussed, the curves in Figure 7 clearly reemphasize the fact that for a constant value of f , the AOQL values are reduced as i increases.

In addition to the curves for determining values of f and i for a given value of AOQL for CSP-3, Figure 7 also shows the corresponding curves for CSP-2.² An examination of the curves shows that for a given value of

²Ibid.

FIGURE 7

CURVES FOR DETERMINING VALUES OF f AND i
FOR A GIVEN VALUE OF AOQL

AOQL and f , the values of i for CSP-3 are decreased from their corresponding CSP-2 values. For example, if $AOQL = 2$ per cent and $f = 10$ per cent, the value of i for CSP-3 is 68 units, whereas $i = 72$ units for CSP-2. Also, from Figure 7, it is shown that the difference between the i values of CSP-2 and CSP-3 at 2 per cent is about 4 units; the difference at 3 per cent AOQL is about 3 units; and for AOQL values greater than 3 per cent the difference is about 2 units.

Dodge and Torrey stated that the CSP-3 values of i for a given AOQL and f are equal to those for CSP-2 when AOQL is less than 2 per cent and are less than those for CSP-2 by no more than 2 units when AOQL is 10 per cent.³ A difference of about 2 units at 2 per cent AOQL was noted between the Dodge and Torrey study and the results of this study; otherwise, there is close agreement between the two studies. The slight differences between the two studies mentioned above could probably be attributed to the use of different AOQ formulae, as discussed in Chapter III.

In summary, these differences between CSP-2 and CSP-3 may or may not be significant depending upon the size of i , the cost of inspection, and the availability of inspection manpower.

³ Ibid., p. 10.

CHAPTER V

SUMMARY AND RECOMMENDATIONS

This study was prompted by the need to know AOQ and AFI values for CSP-3 instead of CSP-2 approximations.

I. SUMMARY

Before AOQ and AFI values were generated, it was necessary to verify the CSP-3 AOQ formula. The proof revealed AOQ to be

$$p \left[\frac{q^i (1-q)^{k+4} + q^4 (1-f)}{f(1-q)^i (1-q)^{k+4} + q^i (1-q)^{k+4} + q^4 + 4fpq^i} \right].$$

This formula is different from the formula given in error by Dodge and Torrey.¹

Because of the complexity of the AOQ formula and time-consuming calculations involved, a computer program was written in Fortran IV language for the IBM 7090 computer in order to determine AOQ and AFI values. For each set of values generated, the per cent defective, p , ranged from 0.5 to 50.0 per cent in increments of 0.5 per cent. The values of i used in this study ranged from 5 to 200 units, and the sampling rate, f , began with 5 per cent

¹Harold F. Dodge and Mary N. Torrey, "Additional Continuous Sampling Inspection Plans," Industrial Quality Control, 7:10, March, 1951.

and terminated with 50 per cent at increments of 5 per cent. An assumption which was made throughout this study is that $i = k$. The computer program was written in such a manner that AOQ and AFI values could be generated for a given i value at various levels of f and p with only one data card. Therefore, AOQ and AFI values other than those appearing in this study may be generated with this computer program.

In addition, curves for obtaining values of f and i for a given value of AOQL were determined. When compared to the corresponding CSP-2 values, an examination revealed that the i values for CSP-3 were reduced by about 4 units when AOQL is 2 per cent; at 3 per cent AOQL the CSP-3 i values were about 3 units less than the CSP-2 values; and for AOQL values greater than 3 per cent, the i values for CSP-3 were about 2 units less than the CSP-2 values. Whether or not these differences are significant depends upon the individual situations. For example, if i is small, a difference of 2 units may be significant, especially if inspection costs are high. Also, in situations where i is small, a difference of 2 units may or may not be significant depending upon the availability and flexibility of inspection manpower.

II. RECOMMENDATIONS

Although there is an abundance of literature pertaining to continuous sampling inspection plans, there are several areas which could warrant further study and investigation. Some of these unexplored areas concerning CSP-3 include the following suggestions;

1. Since the first level of the H-106 multi-level plan is very similar to CSP-3, a direct comparison of the two plans' AOQ, AFI, and curves for determining f and i would be beneficial. From a study of this nature, one could determine the values of f and i for which H-106 and CSP-3 were most similar and most different.
2. As discussed in Chapter II, the MLP inspection scheme is a multi-level extension of CSP-1. A similar extension of CSP-3 could be a beneficial investigation.
3. The CSP-3 plan states that upon finding a defective item, inspect the next four items. An investigation of the effect of inspecting n items, where $n \neq 4$, after finding the first defective item could be of some practical value. The AOQ formula for CSP-3 could be generalized for any value, n , by replacing the number 4 with n .

Some preliminary work with values other than 4 has been done by Dodge and Torrey, but these works are unpublished.²

4. In 1957, C. C. Thigpen investigated the effect of i not equal to k for CSP-2.³ A similar study for CSP-3 and a comparison of these results to the results of the CSP-2 investigation would be beneficial.

²Statement by Harold F. Dodge, personal interview.

³C. C. Thigpen, "Extension of the Dodge CSP-2 Continuous Sampling Plan to the Case i Not Equal to k " (unpublished Master's thesis, The University of Tennessee, Knoxville, 1957).

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APPENDIXES

APPENDIX A

THE COMPUTER PROGRAM

```

      DIMENSION PP(100),AA(100),AFI(100)
      ITAB#0
2  READ(5,1)PS,PE,PD,FS,FE,FD,K
1  FORMAT(6F10.3,15)
      F#FS
5  P#PS
      L#1
3  Q#1.-P
      QK#Q**K
      QP#Q**(K+4)
      QF#Q**4
      A#P*(1.-F)*QK*(1.+QF-QP)/(F*(1.-QK)*(1.-QP)+QK*(1.+QF-QP)+4.*F*P*Q
      K)
      PP(L)#P
      AA(L)#A+1.E-8
      AFI(L)#1.-(A/P)
      L#L+1
      P#P+PD
      IF(P-PE)3,4,4
4  ITAB#ITAB+1
100 FORMAT(1H1/      1H0,42X,5HTABLE,75X,14/1H0,34X,28HAOQ AND AFI VALUE
      IS FOR CSP-3/1H ,40X,1H#,F6.3,8H AND      #,14/1H0,19X,1HP,8X,3HAOQ,8X
      2,3HAFI,12X,1HP,8X,3HAOQ,8X,3HAFI/ 1H )
200 FORMAT(1H1/      1H0,42X,5HTABLE,75X,14/1H0,34X,28HAOQ AND AFI VALUE
      IS FOR CSP-3/1H ,40X,1H#,F6.3,8H AND      #,13/1H0,19X,1HP,8X,3HAOQ,8X
      2,3HAFI,12X,1HP,8X,3HAOQ,8X,3HAFI/ 1H )
      IF(K.GE.100) WRITE (6,100) ITAB,F,K
      IF(K.LT.100) WRITE (6,200) ITAB,F,K
      DO2CL#1,50
      WRITE(6,101)PP(L),AA(L),AFI(L),PP(L+50),AA(L+50),AFI(L+50)
101 FORMAT(17X,F6.3,F11.6,F11.6,F13.3,F11.6,F11.6)
20  CONTINUE
      WRITE(6,102)
102 FORMAT(1H9,15X)
      F#F+FD
      IF(F-FE)5,2,2
      END

```

APPENDIX B

AOQ AND AFI VALUES FOR CSP-3

TABLE I

AOQ AND AFI VALUES FOR CSP-3

 $f = 0.050$ AND $i = 5$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004745	0.050978	0.255	0.207532	0.186150
C.C10	0.009480	0.052013	0.260	0.210238	0.191393
C.C15	0.014203	0.053101	0.265	0.212853	0.196781
C.C20	0.018915	0.054243	0.270	0.215375	0.202316
C.C25	0.023614	0.055437	0.275	0.217800	0.208001
C.C30	0.028299	0.056684	0.280	0.220125	0.213838
C.C35	0.032971	0.057984	0.285	0.222348	0.219831
C.C40	0.037627	0.059336	0.290	0.224465	0.225982
C.C45	0.042267	0.060741	0.295	0.226474	0.232293
C.C50	0.046890	0.062199	0.300	0.228370	0.238767
C.C55	0.051496	0.063711	0.305	0.230151	0.245407
C.C60	0.056083	0.065278	0.310	0.231814	0.252214
C.C65	0.060651	0.066901	0.315	0.233355	0.259191
C.C70	0.065199	0.068580	0.320	0.234771	0.266339
C.C75	0.069726	0.070317	0.325	0.236060	0.273661
C.C80	0.074231	0.072113	0.330	0.237218	0.281158
C.C85	0.078713	0.073968	0.335	0.238242	0.288831
C.C90	0.083170	0.075886	0.340	0.239128	0.296681
C.C95	0.087603	0.077866	0.345	0.239875	0.304709
C.100	0.092009	0.079910	0.350	0.240479	0.312916
C.105	0.096388	0.082020	0.355	0.240938	0.321303
C.110	0.100738	0.084197	0.360	0.241248	0.329867
C.115	0.105059	0.086444	0.365	0.241407	0.338611
C.120	0.109349	0.088761	0.370	0.241413	0.347532
C.125	0.113606	0.091152	0.375	0.241264	0.356629
C.130	0.117830	0.093616	0.380	0.240957	0.365902
C.135	0.122019	0.096158	0.385	0.240491	0.375347
C.140	0.126171	0.098778	0.390	0.239865	0.384963
C.145	0.130286	0.101478	0.395	0.239075	0.394746
C.150	0.134361	0.104261	0.400	0.238123	0.404693
C.155	0.138395	0.107129	0.405	0.237006	0.414800
C.160	0.142386	0.110085	0.410	0.235725	0.425062
C.165	0.146334	0.113129	0.415	0.234278	0.435475
C.170	0.150235	0.116266	0.420	0.232666	0.446032
C.175	0.154088	0.119496	0.425	0.230890	0.456729
C.180	0.157892	0.122824	0.430	0.228951	0.467557
C.185	0.161644	0.126250	0.435	0.226849	0.478509
C.190	0.165342	0.129779	0.440	0.224586	0.489578
C.195	0.168985	0.133411	0.445	0.222164	0.500755
C.200	0.172570	0.137151	0.450	0.219586	0.512031
C.205	0.176095	0.141001	0.455	0.216854	0.523397
C.210	0.179558	0.144963	0.460	0.213973	0.534842
C.215	0.182956	0.149040	0.465	0.210945	0.546356
C.220	0.186288	0.153235	0.470	0.207774	0.557927
C.225	0.189551	0.157551	0.475	0.204467	0.569544
C.230	0.192742	0.161991	0.480	0.201027	0.581194
C.235	0.195859	0.166558	0.485	0.197460	0.592866
C.240	0.198899	0.171254	0.490	0.193772	0.604547
C.245	0.201860	0.176083	0.495	0.189970	0.616223
C.250	0.204738	0.181047	0.500	0.186060	0.627881

TABLE II
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.100$ AND $i = 5$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.004491	0.101852	0.255	0.171964	0.325631
0.010	0.008962	0.103805	0.260	0.173369	0.333195
0.015	0.013412	0.105856	0.265	0.174664	0.340892
0.020	0.017840	0.108003	0.270	0.175845	0.348721
0.025	0.022244	0.110244	0.275	0.176913	0.356680
0.030	0.026623	0.112577	0.280	0.177865	0.364768
0.035	0.030975	0.115001	0.285	0.178700	0.372984
0.040	0.035299	0.117517	0.290	0.179416	0.381325
0.045	0.039594	0.120123	0.295	0.180012	0.389790
0.050	0.043859	0.122821	0.300	0.180487	0.398376
0.055	0.048091	0.125610	0.305	0.180840	0.407081
0.060	0.052291	0.128490	0.310	0.181071	0.415901
0.065	0.056455	0.131463	0.315	0.181178	0.424833
0.070	0.060583	0.134529	0.320	0.181160	0.433874
0.075	0.064673	0.137689	0.325	0.181018	0.443021
0.080	0.068724	0.140945	0.330	0.180752	0.452268
0.085	0.072735	0.144296	0.335	0.180360	0.461612
0.090	0.076703	0.147745	0.340	0.179844	0.471048
0.095	0.080627	0.151293	0.345	0.179203	0.480571
0.100	0.084506	0.154941	0.350	0.178439	0.490175
0.105	0.088337	0.158691	0.355	0.177551	0.499855
0.110	0.092120	0.162543	0.360	0.176542	0.509606
0.115	0.095852	0.166500	0.365	0.175411	0.519421
0.120	0.099532	0.170564	0.370	0.174161	0.529293
0.125	0.103158	0.174734	0.375	0.172794	0.539217
0.130	0.106728	0.179014	0.380	0.171310	0.549184
0.135	0.110240	0.183404	0.385	0.169712	0.559188
0.140	0.113693	0.187907	0.390	0.168003	0.569222
0.145	0.117084	0.192524	0.395	0.166185	0.579277
0.150	0.120412	0.197256	0.400	0.164261	0.589347
0.155	0.123674	0.202105	0.405	0.162234	0.599422
0.160	0.126868	0.207072	0.410	0.160107	0.609494
0.165	0.129994	0.212160	0.415	0.157884	0.619557
0.170	0.133047	0.217369	0.420	0.155568	0.629600
0.175	0.136027	0.222701	0.425	0.153164	0.639615
0.180	0.138932	0.228158	0.430	0.150674	0.649595
0.185	0.141758	0.233740	0.435	0.148105	0.659529
0.190	0.144505	0.239449	0.440	0.145459	0.669411
0.195	0.147169	0.245286	0.445	0.142743	0.679230
0.200	0.149749	0.251253	0.450	0.139960	0.688979
0.205	0.152243	0.257350	0.455	0.137115	0.698649
0.210	0.154649	0.263578	0.460	0.134214	0.708231
0.215	0.156963	0.269938	0.465	0.131261	0.717718
0.220	0.159185	0.276431	0.470	0.128262	0.727101
0.225	0.161312	0.283057	0.475	0.125223	0.736373
0.230	0.163342	0.289817	0.480	0.122147	0.745526
0.235	0.165273	0.296712	0.485	0.119042	0.754552
0.240	0.167102	0.303740	0.490	0.115912	0.763445
0.245	0.168829	0.310903	0.495	0.112762	0.772197
0.250	0.170450	0.318200	0.500	0.109599	0.780803

TABLE III
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.150$ AND $i = 5$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.004237	0.152621	0.255	0.144320	0.434040
0.010	0.008446	0.155379	0.260	0.144958	0.442470
0.015	0.012626	0.158269	0.265	0.145489	0.450984
0.020	0.016774	0.161287	0.270	0.145914	0.459578
0.025	0.020889	0.164430	0.275	0.146232	0.468248
0.030	0.024969	0.167693	0.280	0.146443	0.476990
0.035	0.029012	0.171076	0.285	0.146547	0.485800
0.040	0.033017	0.174576	0.290	0.146544	0.494674
0.045	0.036981	0.178193	0.295	0.146436	0.503607
0.050	0.040904	0.181925	0.300	0.146222	0.512594
0.055	0.044783	0.185771	0.305	0.145903	0.521630
0.060	0.048616	0.189732	0.310	0.145480	0.530711
0.065	0.052403	0.193807	0.315	0.144953	0.539830
0.070	0.056140	0.197996	0.320	0.144325	0.548983
0.075	0.059828	0.202298	0.325	0.143597	0.558163
0.080	0.063463	0.206715	0.330	0.142769	0.567366
0.085	0.067044	0.211246	0.335	0.141844	0.576585
0.090	0.070570	0.215892	0.340	0.140823	0.585813
0.095	0.074038	0.220652	0.345	0.139709	0.595046
0.100	0.077447	0.225528	0.350	0.138503	0.604277
0.105	0.080795	0.230520	0.355	0.137208	0.613499
0.110	0.084081	0.235628	0.360	0.135826	0.622707
0.115	0.087302	0.240852	0.365	0.134359	0.631893
0.120	0.090457	0.246194	0.370	0.132811	0.641052
0.125	0.093543	0.251653	0.375	0.131184	0.650176
0.130	0.096560	0.257229	0.380	0.129481	0.659260
0.135	0.099505	0.262924	0.385	0.127706	0.668297
0.140	0.102377	0.268736	0.390	0.125861	0.677280
0.145	0.105173	0.274667	0.395	0.123949	0.686204
0.150	0.107893	0.280716	0.400	0.121976	0.695061
0.155	0.110533	0.286884	0.405	0.119942	0.703846
0.160	0.113093	0.293169	0.410	0.117854	0.712552
0.165	0.115570	0.299573	0.415	0.115713	0.721174
0.170	0.117964	0.306095	0.420	0.113524	0.729704
0.175	0.120272	0.312734	0.425	0.111291	0.738139
0.180	0.122492	0.319490	0.430	0.109017	0.746472
0.185	0.124623	0.326361	0.435	0.106707	0.754697
0.190	0.126664	0.333349	0.440	0.104364	0.762809
0.195	0.128612	0.340450	0.445	0.101992	0.770804
0.200	0.130467	0.347665	0.450	0.099595	0.778677
0.205	0.132227	0.354992	0.455	0.097178	0.786423
0.210	0.133890	0.362430	0.460	0.094743	0.794037
0.215	0.135455	0.369977	0.465	0.092295	0.801516
0.220	0.136921	0.377632	0.470	0.089838	0.808855
0.225	0.138287	0.385392	0.475	0.087375	0.816052
0.230	0.139551	0.393255	0.480	0.084910	0.823103
0.235	0.140713	0.401220	0.485	0.082447	0.830005
0.240	0.141772	0.409284	0.490	0.079990	0.836756
0.245	0.142726	0.417443	0.495	0.077541	0.843352
0.250	0.143576	0.425696	0.500	0.075104	0.849792

TABLE IV
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.200$ AND $i = 5$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003984	0.203286	0.255	0.122217	0.520718
C.C10	0.007933	0.206736	0.260	0.122393	0.529257
C.C15	0.011845	0.210344	0.265	0.122475	0.537830
C.C20	0.015718	0.214102	0.270	0.122463	0.546432
C.C25	0.019550	0.218006	0.275	0.122359	0.555057
C.C30	0.023339	0.222050	0.280	0.122163	0.563702
C.C35	0.027082	0.226231	0.295	0.121877	0.572362
C.C40	0.030778	0.230546	0.290	0.121501	0.581030
C.C45	0.034425	0.234992	0.295	0.121038	0.589702
C.C50	0.038022	0.239567	0.300	0.120488	0.598374
C.C55	0.041565	0.244269	0.305	0.119853	0.607039
C.C60	0.045054	0.249095	0.310	0.119135	0.615693
C.C65	0.048487	0.254045	0.315	0.118336	0.624330
C.C70	0.051862	0.259117	0.320	0.117458	0.632944
C.C75	0.055177	0.264310	0.325	0.116502	0.641532
C.C80	0.058430	0.269623	0.330	0.115471	0.650086
C.C85	0.061620	0.275055	0.335	0.114368	0.658603
C.C90	0.064746	0.280605	0.340	0.113194	0.667076
C.C95	0.067804	0.286271	0.345	0.111952	0.675501
C.100	0.070795	0.292054	0.350	0.110645	0.683872
C.105	0.073715	0.297952	0.355	0.109274	0.692185
C.110	0.076564	0.303964	0.360	0.107844	0.700433
C.115	0.079340	0.310089	0.365	0.106357	0.708612
C.120	0.082041	0.316326	0.370	0.104814	0.716718
C.125	0.084666	0.322674	0.375	0.103221	0.724745
C.130	0.087213	0.329132	0.380	0.101578	0.732688
C.135	0.089681	0.335699	0.385	0.099890	0.740544
C.140	0.092068	0.342373	0.390	0.098160	0.748308
C.145	0.094373	0.349153	0.395	0.096390	0.755975
C.150	0.096594	0.356037	0.400	0.094583	0.763542
C.155	0.098731	0.363025	0.405	0.092744	0.771003
C.160	0.100782	0.370113	0.410	0.090874	0.778357
C.165	0.102745	0.377300	0.415	0.088977	0.785599
C.170	0.104621	0.384585	0.420	0.087055	0.792725
C.175	0.106406	0.391964	0.425	0.085114	0.799733
C.180	0.108101	0.399437	0.430	0.083154	0.806619
C.185	0.109705	0.407000	0.435	0.081179	0.813381
C.190	0.111216	0.414651	0.440	0.079193	0.820015
C.195	0.112635	0.422387	0.445	0.077198	0.826521
C.200	0.113959	0.430206	0.450	0.075198	0.832894
C.205	0.115189	0.438104	0.455	0.073194	0.839134
C.210	0.116323	0.446079	0.460	0.071190	0.845239
C.215	0.117363	0.454128	0.465	0.069189	0.851207
C.220	0.118306	0.462246	0.470	0.067193	0.857037
C.225	0.119153	0.470430	0.475	0.065204	0.862728
C.230	0.119904	0.478678	0.480	0.063226	0.868278
C.235	0.120559	0.486984	0.485	0.061261	0.873688
C.240	0.121117	0.495345	0.490	0.059311	0.878957
C.245	0.121579	0.503757	0.495	0.057378	0.884084
C.250	0.121946	0.512216	0.500	0.055465	0.889070

TABLE V
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.250$ AND $i = 5$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003731	0.253846	0.255	0.104141	0.591604
C.C10	0.007421	0.257877	0.260	0.104039	0.599851
C.C15	0.011069	0.262083	0.265	0.103856	0.608090
C.C20	0.014671	0.266453	0.270	0.103594	0.616317
C.C25	0.018225	0.270902	0.275	0.103255	0.624527
C.C30	0.021730	0.275663	0.280	0.102840	0.632715
C.C35	0.025183	0.280490	0.285	0.102350	0.640878
C.C40	0.028582	0.285458	0.290	0.101787	0.649009
C.C45	0.031925	0.290563	0.295	0.101154	0.657104
C.C50	0.035210	0.295801	0.300	0.100452	0.665160
C.C55	0.038436	0.301169	0.305	0.099683	0.673172
C.C60	0.041600	0.306664	0.310	0.098849	0.681134
C.C65	0.044702	0.312282	0.315	0.097952	0.689043
C.C70	0.047739	0.318021	0.320	0.096994	0.696894
C.C75	0.050709	0.323879	0.325	0.095978	0.704683
C.C80	0.053612	0.329852	0.330	0.094906	0.712407
C.C85	0.056445	0.335939	0.335	0.093780	0.720060
C.C90	0.059208	0.342138	0.340	0.092603	0.727638
C.C95	0.061898	0.348445	0.345	0.091377	0.735139
C.100	0.064514	0.354859	0.350	0.090105	0.742558
C.105	0.067055	0.361378	0.355	0.088788	0.749892
C.110	0.069520	0.367999	0.360	0.087431	0.757136
C.115	0.071907	0.374719	0.365	0.086035	0.764288
C.120	0.074215	0.381538	0.370	0.084602	0.771345
C.125	0.076444	0.388451	0.375	0.083136	0.778303
C.130	0.078591	0.395457	0.380	0.081640	0.785159
C.135	0.080655	0.402553	0.385	0.080114	0.791911
C.140	0.082637	0.409736	0.390	0.078563	0.798555
C.145	0.084534	0.417005	0.395	0.076989	0.805091
C.150	0.086347	0.424354	0.400	0.075394	0.811514
C.155	0.088074	0.431783	0.405	0.073782	0.817823
C.160	0.089714	0.439288	0.410	0.072153	0.824016
C.165	0.091267	0.446866	0.415	0.070512	0.830092
C.170	0.092733	0.454513	0.420	0.068860	0.836048
C.175	0.094110	0.462227	0.425	0.067200	0.841883
C.180	0.095399	0.470004	0.430	0.065534	0.847596
C.185	0.096600	0.477840	0.435	0.063864	0.853186
C.190	0.097711	0.485731	0.440	0.062193	0.858651
C.195	0.098733	0.493675	0.445	0.060524	0.863992
C.200	0.099666	0.501668	0.450	0.058857	0.869207
C.205	0.100511	0.509705	0.455	0.057196	0.874295
C.210	0.101266	0.517782	0.460	0.055541	0.879258
C.215	0.101932	0.525896	0.465	0.053896	0.884094
C.220	0.102511	0.534041	0.470	0.052262	0.888804
C.225	0.103002	0.542215	0.475	0.050641	0.893387
C.230	0.103405	0.550413	0.480	0.049034	0.897845
C.235	0.103722	0.558630	0.485	0.047444	0.902177
C.240	0.103953	0.566863	0.490	0.045871	0.906385
C.245	0.104099	0.575105	0.495	0.044318	0.910469
C.250	0.104162	0.583354	0.500	0.042785	0.914430

TABLE VI
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.300$ AND $i = 5$

P	AOQ	AFI	P	AOQ	AFI
C.005	0.003478	0.304303	0.255	0.089083	0.650654
C.010	0.006912	0.308804	0.260	0.088817	0.658397
C.015	0.010298	0.313499	0.265	0.088483	0.666102
C.020	0.013633	0.318347	0.270	0.088084	0.673764
C.025	0.016916	0.323370	0.275	0.087620	0.681380
C.030	0.020144	0.328547	0.280	0.087095	0.688946
C.035	0.023314	0.333873	0.285	0.086509	0.696458
C.040	0.026426	0.339341	0.290	0.085865	0.703913
C.045	0.029477	0.344945	0.295	0.085165	0.711305
C.050	0.032466	0.350679	0.300	0.084410	0.718633
C.055	0.035390	0.356538	0.305	0.083603	0.725892
C.060	0.038249	0.362519	0.310	0.082745	0.733079
C.065	0.041040	0.368616	0.315	0.081840	0.740191
C.070	0.043762	0.374826	0.320	0.080888	0.747225
C.075	0.046414	0.381146	0.325	0.079893	0.754177
C.080	0.048994	0.387570	0.330	0.078855	0.761045
C.085	0.051502	0.394096	0.335	0.077779	0.767825
C.090	0.053935	0.400720	0.340	0.076665	0.774516
C.095	0.056293	0.407438	0.345	0.075516	0.781114
C.100	0.058575	0.414248	0.350	0.074334	0.787617
C.105	0.060780	0.421145	0.355	0.073122	0.794023
C.110	0.062906	0.428127	0.360	0.071881	0.800330
C.115	0.064953	0.435190	0.365	0.070615	0.806535
C.120	0.066920	0.442330	0.370	0.069324	0.812637
C.125	0.068807	0.449544	0.375	0.068012	0.818634
C.130	0.070612	0.456829	0.380	0.066681	0.824524
C.135	0.072336	0.464180	0.385	0.065332	0.830306
C.140	0.073977	0.471595	0.390	0.063968	0.835978
C.145	0.075535	0.479070	0.395	0.062592	0.841540
C.150	0.077010	0.486601	0.400	0.061204	0.846991
C.155	0.078401	0.494184	0.405	0.059807	0.852329
C.160	0.079709	0.501816	0.410	0.058403	0.857553
C.165	0.080934	0.509492	0.415	0.056995	0.862664
C.170	0.082074	0.517209	0.420	0.055583	0.867660
C.175	0.083132	0.524963	0.425	0.054170	0.872542
C.180	0.084105	0.532749	0.430	0.052757	0.877308
C.185	0.084996	0.540564	0.435	0.051347	0.881960
C.190	0.085803	0.548404	0.440	0.049941	0.886497
C.195	0.086528	0.556264	0.445	0.048541	0.890919
C.200	0.087172	0.564141	0.450	0.047148	0.895227
C.205	0.087734	0.572030	0.455	0.045764	0.899420
C.210	0.088215	0.579927	0.460	0.044390	0.903500
C.215	0.088617	0.587827	0.465	0.043028	0.907467
C.220	0.088940	0.595727	0.470	0.041678	0.911323
C.225	0.089185	0.603622	0.475	0.040343	0.915067
C.230	0.089353	0.611508	0.480	0.039024	0.918700
C.235	0.089446	0.619381	0.485	0.037721	0.922225
C.240	0.089463	0.627236	0.490	0.036436	0.925641
C.245	0.089408	0.635069	0.495	0.035169	0.928951
C.250	0.089281	0.642877	0.500	0.033922	0.932155

TABLE VII
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.350$ AND $i = 5$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003227	0.354657	0.255	0.076346	0.700603
0.010	0.006405	0.359518	0.260	0.075988	0.707737
0.015	0.009532	0.364566	0.265	0.075575	0.714811
0.020	0.012604	0.369790	0.270	0.075108	0.721822
0.025	0.015621	0.375177	0.275	0.074589	0.728768
0.030	0.018578	0.380718	0.280	0.074019	0.735645
0.035	0.021476	0.386403	0.285	0.073401	0.742451
0.040	0.024311	0.392224	0.290	0.072737	0.749183
0.045	0.027082	0.398174	0.295	0.072028	0.755837
0.050	0.029788	0.404247	0.300	0.071276	0.762412
0.055	0.032426	0.410436	0.305	0.070484	0.768905
0.060	0.034996	0.416735	0.310	0.069653	0.775313
0.065	0.037496	0.423139	0.315	0.068785	0.781635
0.070	0.039925	0.429643	0.320	0.067882	0.787868
0.075	0.042282	0.436241	0.325	0.066946	0.794011
0.080	0.044566	0.442930	0.330	0.065980	0.800061
0.085	0.046775	0.449703	0.335	0.064985	0.806016
0.090	0.048910	0.456557	0.340	0.063962	0.811876
0.095	0.050969	0.463488	0.345	0.062915	0.817638
0.100	0.052951	0.470491	0.350	0.061844	0.823302
0.105	0.054856	0.477561	0.355	0.060753	0.828865
0.110	0.056684	0.484695	0.360	0.059642	0.834328
0.115	0.058433	0.491888	0.365	0.058514	0.839688
0.120	0.060104	0.499137	0.370	0.057370	0.844945
0.125	0.061696	0.506436	0.375	0.056213	0.850099
0.130	0.063208	0.513782	0.380	0.055044	0.855148
0.135	0.064642	0.521171	0.385	0.053865	0.860092
0.140	0.065996	0.528598	0.390	0.052677	0.864931
0.145	0.067271	0.536060	0.395	0.051483	0.869664
0.150	0.068467	0.543552	0.400	0.050283	0.874292
0.155	0.069584	0.551070	0.405	0.049081	0.878813
0.160	0.070622	0.558610	0.410	0.047876	0.883229
0.165	0.071582	0.566167	0.415	0.046671	0.887540
0.170	0.072464	0.573739	0.420	0.045467	0.891744
0.175	0.073269	0.581319	0.425	0.044266	0.895844
0.180	0.073997	0.588906	0.430	0.043069	0.899840
0.185	0.074649	0.596493	0.435	0.041877	0.903731
0.190	0.075225	0.604077	0.440	0.040692	0.907519
0.195	0.075727	0.611655	0.445	0.039514	0.911204
0.200	0.076156	0.619221	0.450	0.038346	0.914787
0.205	0.076512	0.626773	0.455	0.037188	0.918269
0.210	0.076796	0.634305	0.460	0.036041	0.921651
0.215	0.077010	0.641814	0.465	0.034906	0.924934
0.220	0.077155	0.649297	0.470	0.033784	0.928119
0.225	0.077232	0.656749	0.475	0.032676	0.931208
0.230	0.077242	0.664166	0.480	0.031584	0.934200
0.235	0.077187	0.671544	0.485	0.030507	0.937099
0.240	0.077069	0.678881	0.490	0.029447	0.939905
0.245	0.076888	0.686172	0.495	0.028404	0.942619
0.250	0.076646	0.693414	0.500	0.027379	0.945243

TABLE VIII
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.400$ AND $i = 5$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002975	0.404908	0.255	0.065431	0.743406
C.C10	0.005900	0.410020	0.260	0.065030	0.749884
C.C15	0.008770	0.415318	0.265	0.064583	0.756289
C.C20	0.011584	0.420787	0.270	0.064093	0.762619
C.C25	0.014340	0.426414	0.275	0.063560	0.768873
C.C30	0.017034	0.432188	0.280	0.062987	0.775047
C.C35	0.019667	0.438098	0.285	0.062375	0.781140
C.C40	0.022235	0.444134	0.290	0.061726	0.787150
C.C45	0.024737	0.450289	0.295	0.061043	0.793075
C.C50	0.027172	0.456554	0.300	0.060326	0.798914
C.C55	0.029539	0.462921	0.305	0.059577	0.804665
C.C60	0.031837	0.469385	0.310	0.058799	0.810327
C.C65	0.034064	0.475937	0.315	0.057992	0.815897
C.C70	0.036220	0.482574	0.320	0.057160	0.821376
C.C75	0.038303	0.489288	0.325	0.056302	0.826762
C.C80	0.040314	0.496073	0.330	0.055422	0.832053
C.C85	0.042251	0.502926	0.335	0.054521	0.837250
C.C90	0.044114	0.509840	0.340	0.053601	0.842350
C.C95	0.045903	0.516810	0.345	0.052663	0.847355
C.100	0.047617	0.523832	0.350	0.051708	0.852262
C.105	0.049255	0.530900	0.355	0.050739	0.857072
C.110	0.050819	0.538010	0.360	0.049758	0.861784
C.115	0.052307	0.545158	0.365	0.048765	0.866398
C.120	0.053719	0.552338	0.370	0.047762	0.870914
C.125	0.055057	0.559546	0.375	0.046750	0.875332
C.130	0.056319	0.566778	0.380	0.045732	0.879652
C.135	0.057506	0.574029	0.385	0.044709	0.883873
C.140	0.058619	0.581295	0.390	0.043681	0.887996
C.145	0.059657	0.588572	0.395	0.042651	0.892022
C.150	0.060622	0.595855	0.400	0.041620	0.895951
C.155	0.061513	0.603141	0.405	0.040588	0.899783
C.160	0.062332	0.610424	0.410	0.039557	0.903519
C.165	0.063079	0.617702	0.415	0.038529	0.907159
C.170	0.063755	0.624970	0.420	0.037504	0.910704
C.175	0.064361	0.632223	0.425	0.036484	0.914155
C.180	0.064897	0.639459	0.430	0.035470	0.917512
C.185	0.065365	0.646673	0.435	0.034462	0.920777
C.190	0.065766	0.653862	0.440	0.033462	0.923951
C.195	0.066101	0.661021	0.445	0.032470	0.927034
C.200	0.066370	0.668148	0.450	0.031488	0.930027
C.205	0.066576	0.675238	0.455	0.030516	0.932932
C.210	0.066720	0.682288	0.460	0.029555	0.935750
C.215	0.066802	0.689294	0.465	0.028606	0.938482
C.220	0.066824	0.696254	0.470	0.027670	0.941129
C.225	0.066788	0.703164	0.475	0.026746	0.943692
C.230	0.066695	0.710021	0.480	0.025837	0.946173
C.235	0.066547	0.716822	0.485	0.024942	0.948573
C.240	0.066345	0.723564	0.490	0.024062	0.950894
C.245	0.066090	0.730244	0.495	0.023197	0.953137
C.250	0.065785	0.736858	0.500	0.022349	0.955302

TABLE IX

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.450$ AND $i = 5$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002725	0.455056	0.255	0.055974	0.780493
0.010	0.005397	0.460311	0.260	0.055561	0.786303
0.015	0.008014	0.465746	0.265	0.055111	0.792035
0.020	0.010573	0.471344	0.270	0.054625	0.797685
0.025	0.013073	0.477091	0.275	0.054105	0.803253
0.030	0.015511	0.482973	0.280	0.053554	0.808737
0.035	0.017886	0.488979	0.285	0.052971	0.814137
0.040	0.020196	0.495099	0.290	0.052359	0.819450
0.045	0.022440	0.501323	0.295	0.051720	0.824677
0.050	0.024618	0.507642	0.300	0.051055	0.829815
0.055	0.026727	0.514048	0.305	0.050366	0.834865
0.060	0.028768	0.520533	0.310	0.049654	0.839825
0.065	0.030739	0.527091	0.315	0.048921	0.844696
0.070	0.032640	0.533714	0.320	0.048168	0.849475
0.075	0.034470	0.540396	0.325	0.047397	0.854164
0.080	0.036229	0.547132	0.330	0.046609	0.858762
0.085	0.037917	0.553914	0.335	0.045805	0.863268
0.090	0.039534	0.560738	0.340	0.044988	0.867682
0.095	0.041078	0.567599	0.345	0.044159	0.872004
0.100	0.042551	0.574490	0.350	0.043318	0.876235
0.105	0.043952	0.581407	0.355	0.042467	0.880374
0.110	0.045282	0.588345	0.360	0.041608	0.884421
0.115	0.046541	0.595300	0.365	0.040742	0.888378
0.120	0.047728	0.602266	0.370	0.039870	0.892243
0.125	0.048845	0.609239	0.375	0.038993	0.896018
0.130	0.049892	0.616214	0.380	0.038113	0.899703
0.135	0.050870	0.623188	0.385	0.037230	0.903298
0.140	0.051778	0.630156	0.390	0.036346	0.906805
0.145	0.052618	0.637114	0.395	0.035462	0.910223
0.150	0.053391	0.644057	0.400	0.034579	0.913554
0.155	0.054098	0.650983	0.405	0.033697	0.916798
0.160	0.054738	0.657887	0.410	0.032818	0.919955
0.165	0.055314	0.664765	0.415	0.031943	0.923028
0.170	0.055826	0.671613	0.420	0.031073	0.926017
0.175	0.056275	0.678429	0.425	0.030208	0.928922
0.180	0.056663	0.685208	0.430	0.029350	0.931745
0.185	0.056990	0.691948	0.435	0.028498	0.934487
0.190	0.057258	0.698645	0.440	0.027654	0.937149
0.195	0.057467	0.705295	0.445	0.026819	0.939732
0.200	0.057621	0.711897	0.450	0.025993	0.942237
0.205	0.057719	0.718446	0.455	0.025177	0.944665
0.210	0.057763	0.724940	0.460	0.024372	0.947018
0.215	0.057754	0.731376	0.465	0.023577	0.949296
0.220	0.057695	0.737752	0.470	0.022794	0.951502
0.225	0.057585	0.744065	0.475	0.022023	0.953636
0.230	0.057428	0.750313	0.480	0.021264	0.955699
0.235	0.057224	0.756493	0.485	0.020518	0.957694
0.240	0.056975	0.762603	0.490	0.019786	0.959620
0.245	0.056683	0.768641	0.495	0.019067	0.961481
0.250	0.056349	0.774605	0.500	0.018362	0.963276

TABLE X
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.500$ AND $i = 5$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002474	0.505102	0.255	0.047701	0.812938
C.C10	0.004896	0.510394	0.260	0.047297	0.818089
C.C15	0.007262	0.515855	0.265	0.046863	0.823160
C.C20	0.009571	0.521467	0.270	0.046400	0.828148
C.C25	0.011820	0.527215	0.275	0.045910	0.833053
C.C30	0.014007	0.533085	0.280	0.045395	0.837874
C.C35	0.016133	0.539065	0.285	0.044856	0.842611
C.C40	0.018194	0.545143	0.290	0.044294	0.847263
C.C45	0.020191	0.551309	0.295	0.043710	0.851830
C.C50	0.022122	0.557554	0.300	0.043106	0.856312
C.C55	0.023987	0.563868	0.305	0.042484	0.860707
C.C60	0.025785	0.570245	0.310	0.041845	0.865017
C.C65	0.027516	0.576675	0.315	0.041189	0.869241
C.C70	0.029179	0.583153	0.320	0.040519	0.873378
C.C75	0.030775	0.589672	0.325	0.039835	0.877430
C.C80	0.032302	0.596225	0.330	0.039139	0.881396
C.C85	0.033762	0.602806	0.335	0.038433	0.885276
C.C90	0.035153	0.609409	0.340	0.037716	0.889071
C.C95	0.036477	0.616030	0.345	0.036991	0.892781
C.100	0.037734	0.622663	0.350	0.036258	0.896406
C.105	0.038923	0.629302	0.355	0.035518	0.899948
C.110	0.040046	0.635943	0.360	0.034774	0.903406
C.115	0.041103	0.642582	0.365	0.034025	0.906781
C.120	0.042094	0.649214	0.370	0.033273	0.910073
C.125	0.043021	0.655834	0.375	0.032518	0.913285
C.130	0.043883	0.662439	0.380	0.031762	0.916415
C.135	0.044682	0.669024	0.385	0.031006	0.919465
C.140	0.045418	0.675585	0.390	0.030250	0.922435
C.145	0.046093	0.682120	0.395	0.029496	0.925327
C.150	0.046707	0.688623	0.400	0.028743	0.928142
C.155	0.047261	0.695092	0.405	0.027994	0.930880
C.160	0.047756	0.701523	0.410	0.027248	0.933542
C.165	0.048194	0.707913	0.415	0.026506	0.936129
C.170	0.048576	0.714259	0.420	0.025770	0.938643
C.175	0.048902	0.720558	0.425	0.025039	0.941084
C.180	0.049175	0.726807	0.430	0.024315	0.943453
C.185	0.049394	0.733003	0.435	0.023598	0.945752
C.190	0.049563	0.739144	0.440	0.022888	0.947982
C.195	0.049681	0.745226	0.445	0.022186	0.950143
C.200	0.049750	0.751249	0.450	0.021493	0.952238
C.205	0.049772	0.757208	0.455	0.020809	0.954266
C.210	0.049748	0.763103	0.460	0.020135	0.956229
C.215	0.049680	0.768931	0.465	0.019470	0.958129
C.220	0.049568	0.774691	0.470	0.018816	0.959967
C.225	0.049415	0.780379	0.475	0.018172	0.961743
C.230	0.049221	0.785995	0.480	0.017539	0.963460
C.235	0.048989	0.791537	0.485	0.016918	0.965118
C.240	0.048719	0.797004	0.490	0.016308	0.966718
C.245	0.048414	0.802394	0.495	0.015710	0.968262
C.250	0.048074	0.807705	0.500	0.015125	0.969751

TABLE XI
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.050$ and $i = 10$

P	AOQ	AFI	P	AOQ	AFI
C.005	0.004745	0.051063	0.255	0.140489	0.449063
C.010	0.009477	0.052338	0.260	0.138715	0.466479
C.015	0.014193	0.053808	0.265	0.136712	0.484108
C.020	0.018891	0.055461	0.270	0.134486	0.501905
C.025	0.023568	0.057292	0.275	0.132047	0.519829
C.030	0.028221	0.059297	0.280	0.129407	0.537832
C.035	0.032848	0.061475	0.285	0.126578	0.555866
C.040	0.037447	0.063826	0.290	0.123574	0.573884
C.045	0.042014	0.066354	0.295	0.120408	0.591836
C.050	0.046547	0.069061	0.300	0.117098	0.609673
C.055	0.051043	0.071954	0.305	0.113659	0.627347
C.060	0.055498	0.075037	0.310	0.110109	0.644811
C.065	0.059909	0.078319	0.315	0.106464	0.662019
C.070	0.064274	0.081805	0.320	0.102743	0.678927
C.075	0.068587	0.085505	0.325	0.098964	0.695496
C.080	0.072846	0.089427	0.330	0.095143	0.711688
C.085	0.077046	0.093582	0.335	0.091299	0.727466
C.090	0.081182	0.097979	0.340	0.087447	0.742802
C.095	0.085250	0.102629	0.345	0.083605	0.757667
C.100	0.089246	0.107544	0.350	0.079787	0.772038
C.105	0.093163	0.112735	0.355	0.076007	0.785896
C.110	0.096996	0.118214	0.360	0.072279	0.799225
C.115	0.100741	0.123994	0.365	0.068615	0.812014
C.120	0.104389	0.130088	0.370	0.065026	0.824254
C.125	0.107936	0.136508	0.375	0.061522	0.835942
C.130	0.111375	0.143269	0.380	0.058111	0.847077
C.135	0.114698	0.150382	0.385	0.054800	0.857662
C.140	0.117899	0.157862	0.390	0.051597	0.867701
C.145	0.120970	0.165722	0.395	0.048505	0.877203
C.150	0.123904	0.173975	0.400	0.045529	0.886177
C.155	0.126692	0.182632	0.405	0.042672	0.894637
C.160	0.129327	0.191707	0.410	0.039936	0.902596
C.165	0.131800	0.201211	0.415	0.037321	0.910071
C.170	0.134104	0.211154	0.420	0.034828	0.917077
C.175	0.136230	0.221545	0.425	0.032456	0.923632
C.180	0.138169	0.232392	0.430	0.030205	0.929756
C.185	0.139915	0.243703	0.435	0.028072	0.935467
C.190	0.141458	0.255482	0.440	0.026055	0.940785
C.195	0.142792	0.267733	0.445	0.024151	0.945728
C.200	0.143909	0.280456	0.450	0.022357	0.950317
C.205	0.144802	0.293649	0.455	0.020671	0.954570
C.210	0.145465	0.307309	0.460	0.019087	0.958507
C.215	0.145893	0.321428	0.465	0.017602	0.962145
C.220	0.146080	0.335998	0.470	0.016213	0.965504
C.225	0.146024	0.351004	0.475	0.014915	0.968600
C.230	0.145721	0.366431	0.480	0.013704	0.971450
C.235	0.145169	0.382259	0.485	0.012576	0.974070
C.240	0.144369	0.398464	0.490	0.011527	0.976476
C.245	0.143320	0.415021	0.495	0.010552	0.978683
C.250	0.142025	0.431898	0.500	0.009648	0.980705

TABLE XII
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.100$ AND $i = 10$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004490	0.102012	0.255	0.093724	0.632454
C.C10	0.008956	0.104419	0.260	0.091362	0.648609
C.C15	0.013392	0.107186	0.265	0.088895	0.664547
C.C20	0.017794	0.110209	0.270	0.086337	0.680232
C.C25	0.022157	0.113712	0.275	0.083702	0.695629
C.C30	0.026477	0.117445	0.280	0.081001	0.710709
C.C35	0.030748	0.121482	0.285	0.078249	0.725442
C.C40	0.034967	0.125821	0.290	0.075458	0.739800
C.C45	0.039129	0.130462	0.295	0.072640	0.753761
C.C50	0.043230	0.135406	0.300	0.069809	0.767304
C.C55	0.047264	0.140657	0.305	0.066974	0.780411
C.C60	0.051227	0.146221	0.310	0.064149	0.793068
C.C65	0.055113	0.152103	0.315	0.061342	0.805263
C.C70	0.058918	0.158310	0.320	0.058564	0.816986
C.C75	0.062636	0.164849	0.325	0.055824	0.828233
C.C80	0.066262	0.171727	0.330	0.053130	0.839000
C.C85	0.069789	0.178954	0.335	0.050489	0.849287
C.C90	0.073212	0.186537	0.340	0.047908	0.859095
C.C95	0.076524	0.194484	0.345	0.045392	0.868430
C.100	0.079720	0.202804	0.350	0.042946	0.877296
C.105	0.082792	0.211503	0.355	0.040576	0.885702
C.110	0.085735	0.220589	0.360	0.038283	0.893659
C.115	0.088542	0.230069	0.365	0.036071	0.901176
C.120	0.091206	0.239947	0.370	0.033941	0.908267
C.125	0.093721	0.250230	0.375	0.031896	0.914944
C.130	0.096080	0.260921	0.380	0.029935	0.921223
C.135	0.098277	0.272021	0.385	0.028060	0.927117
C.140	0.100305	0.283532	0.390	0.026270	0.932642
C.145	0.102159	0.295454	0.395	0.024564	0.937814
C.150	0.103832	0.307784	0.400	0.022941	0.942648
C.155	0.105320	0.320517	0.405	0.021400	0.947161
C.160	0.106617	0.333646	0.410	0.019939	0.951368
C.165	0.107718	0.347164	0.415	0.018557	0.955285
C.170	0.108620	0.361059	0.420	0.017250	0.958928
C.175	0.109319	0.375317	0.425	0.016018	0.962311
C.180	0.109814	0.389923	0.430	0.014857	0.965449
C.185	0.110101	0.404857	0.435	0.013765	0.968357
C.190	0.110181	0.420099	0.440	0.012739	0.971048
C.195	0.110053	0.435624	0.445	0.011776	0.973536
C.200	0.109719	0.451407	0.450	0.010875	0.975834
C.205	0.109179	0.467418	0.455	0.010031	0.977954
C.210	0.108438	0.483627	0.460	0.009243	0.979907
C.215	0.107500	0.500000	0.465	0.008507	0.981704
C.220	0.106369	0.516503	0.470	0.007822	0.983358
C.225	0.105053	0.533098	0.475	0.007184	0.984876
C.230	0.103558	0.549749	0.480	0.006590	0.986270
C.235	0.101892	0.566416	0.485	0.006039	0.987548
C.240	0.100066	0.583060	0.490	0.005528	0.988718
C.245	0.098088	0.599640	0.495	0.005055	0.989788
C.250	0.095971	0.616118	0.500	0.004617	0.990766

TABLE XIII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.150$ and $i = 10$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004236	0.152848	0.255	0.068311	0.732115
C.C10	0.008438	0.156245	0.260	0.066131	0.745652
C.C15	0.012598	0.160140	0.265	0.063911	0.758825
C.C20	0.016710	0.164493	0.270	0.061664	0.771616
C.C25	0.020768	0.169278	0.275	0.059397	0.784011
C.C30	0.024766	0.174477	0.280	0.057121	0.795996
C.C35	0.028697	0.180075	0.285	0.054845	0.807561
C.C40	0.032557	0.186063	0.290	0.052577	0.818698
C.C45	0.036340	0.192436	0.295	0.050326	0.829402
C.C50	0.040040	0.199191	0.300	0.048099	0.839670
C.C55	0.043652	0.206326	0.305	0.045902	0.849501
C.C60	0.047170	0.213841	0.310	0.043743	0.858895
C.C65	0.050587	0.221736	0.315	0.041625	0.867857
C.C70	0.053899	0.230013	0.320	0.039555	0.876391
C.C75	0.057099	0.238674	0.325	0.037537	0.884503
C.C80	0.060182	0.247720	0.330	0.035573	0.892202
C.C85	0.063142	0.257152	0.335	0.033669	0.899497
C.C90	0.065973	0.266971	0.340	0.031825	0.906398
C.C95	0.068668	0.277177	0.345	0.030044	0.912916
C.100	0.071223	0.287770	0.350	0.028328	0.919064
C.105	0.073631	0.298748	0.355	0.026677	0.924854
C.110	0.075888	0.310108	0.360	0.025092	0.930299
C.115	0.077988	0.321846	0.365	0.023574	0.935414
C.120	0.079925	0.333956	0.370	0.022122	0.940211
C.125	0.081696	0.346432	0.375	0.020736	0.944704
C.130	0.083296	0.359263	0.380	0.019415	0.948909
C.135	0.084721	0.372439	0.385	0.018158	0.952837
C.140	0.085967	0.385947	0.390	0.016963	0.956504
C.145	0.087033	0.399772	0.395	0.015831	0.959923
C.150	0.087915	0.413897	0.400	0.014758	0.963106
C.155	0.088613	0.428304	0.405	0.013743	0.966067
C.160	0.089125	0.442970	0.410	0.012784	0.968818
C.165	0.089451	0.457874	0.415	0.011881	0.971372
C.170	0.089592	0.472989	0.420	0.011029	0.973740
C.175	0.089549	0.488290	0.425	0.010228	0.975934
C.180	0.089326	0.503747	0.430	0.009476	0.977964
C.185	0.088924	0.519329	0.435	0.008769	0.979840
C.190	0.088349	0.535006	0.440	0.008108	0.981574
C.195	0.087605	0.550745	0.445	0.007488	0.983173
C.200	0.086698	0.566512	0.450	0.006909	0.984647
C.205	0.085634	0.582273	0.455	0.006368	0.986005
C.210	0.084422	0.597992	0.460	0.005863	0.987254
C.215	0.083068	0.613636	0.465	0.005393	0.988402
C.220	0.081583	0.629170	0.470	0.004955	0.989456
C.225	0.079974	0.644560	0.475	0.004549	0.990424
C.230	0.078252	0.659772	0.480	0.004171	0.991311
C.235	0.076428	0.674776	0.485	0.003820	0.992123
C.240	0.074510	0.689540	0.490	0.003495	0.992866
C.245	0.072511	0.704036	0.495	0.003195	0.993546
C.250	0.070441	0.718236	0.500	0.002917	0.994166

TABLE XIV

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.200$ AND $i = 10$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003982	0.203570	0.255	0.052343	0.794732
0.010	0.007922	0.207818	0.260	0.050455	0.805943
0.015	0.011810	0.212674	0.265	0.048558	0.816761
0.020	0.015638	0.219085	0.270	0.046662	0.827179
0.025	0.019400	0.224011	0.275	0.044771	0.837195
0.030	0.023087	0.230424	0.280	0.042895	0.846805
0.035	0.026694	0.237301	0.285	0.041037	0.856011
0.040	0.030215	0.244624	0.290	0.039204	0.864814
0.045	0.033643	0.252382	0.295	0.037401	0.873217
0.050	0.036972	0.260562	0.300	0.035633	0.881225
0.055	0.040196	0.269156	0.305	0.033902	0.888845
0.060	0.043311	0.278157	0.310	0.032214	0.896084
0.065	0.046309	0.287559	0.315	0.030571	0.902951
0.070	0.049185	0.297354	0.320	0.028975	0.909454
0.075	0.051935	0.307538	0.325	0.027428	0.915606
0.080	0.054552	0.318103	0.330	0.025933	0.921416
0.085	0.057031	0.329043	0.335	0.024490	0.926895
0.090	0.059369	0.340349	0.340	0.023101	0.932057
0.095	0.061559	0.352013	0.345	0.021765	0.936913
0.100	0.063597	0.364026	0.350	0.020484	0.941475
0.105	0.065481	0.376376	0.355	0.019256	0.945757
0.110	0.067204	0.389050	0.360	0.018083	0.949770
0.115	0.068766	0.402035	0.365	0.016963	0.953527
0.120	0.070162	0.415315	0.370	0.015895	0.957040
0.125	0.071391	0.428872	0.375	0.014879	0.960323
0.130	0.072451	0.442688	0.380	0.013914	0.963385
0.135	0.073340	0.456743	0.385	0.012997	0.966240
0.140	0.074058	0.471013	0.390	0.012129	0.968899
0.145	0.074606	0.485477	0.395	0.011308	0.971373
0.150	0.074984	0.500107	0.400	0.010531	0.973671
0.155	0.075194	0.514878	0.405	0.009799	0.975806
0.160	0.075238	0.529762	0.410	0.009108	0.977786
0.165	0.075119	0.544731	0.415	0.008457	0.979621
0.170	0.074842	0.559753	0.420	0.007846	0.981320
0.175	0.074410	0.574799	0.425	0.007271	0.982891
0.180	0.073829	0.589837	0.430	0.006732	0.984344
0.185	0.073105	0.604837	0.435	0.006227	0.985685
0.190	0.072244	0.619768	0.440	0.005754	0.986922
0.195	0.071254	0.634597	0.445	0.005312	0.988063
0.200	0.070141	0.649295	0.450	0.004899	0.989113
0.205	0.068915	0.663832	0.455	0.004514	0.990080
0.210	0.067583	0.678178	0.460	0.004154	0.990969
0.215	0.066154	0.692308	0.465	0.003820	0.991785
0.220	0.064638	0.705193	0.470	0.003509	0.992534
0.225	0.063043	0.717810	0.475	0.003220	0.993221
0.230	0.061379	0.733135	0.480	0.002952	0.993851
0.235	0.059655	0.746148	0.485	0.002703	0.994427
0.240	0.057881	0.758830	0.490	0.002473	0.994954
0.245	0.056065	0.771164	0.495	0.002259	0.995435
0.250	0.054216	0.783136	0.500	0.002062	0.995875

TABLE XV
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.250$ AND $i = 10$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003729	0.254178	0.255	0.041381	0.837721
C.C10	0.007409	0.259139	0.260	0.039771	0.847036
C.C15	0.011028	0.264794	0.265	0.038167	0.855973
C.C20	0.014579	0.271074	0.270	0.036577	0.864531
C.C25	0.018052	0.277928	0.275	0.035003	0.872715
C.C30	0.021440	0.285317	0.280	0.033452	0.880528
C.C35	0.024738	0.293208	0.285	0.031927	0.887976
C.C40	0.027937	0.301575	0.290	0.030432	0.895064
C.C45	0.031032	0.310396	0.295	0.028969	0.901800
C.C50	0.034017	0.319652	0.300	0.027542	0.908193
C.C55	0.036887	0.329328	0.305	0.026154	0.914251
C.C60	0.039636	0.339407	0.310	0.024805	0.919984
C.C65	0.042258	0.349875	0.315	0.023498	0.925403
C.C70	0.044750	0.360719	0.320	0.022234	0.930518
C.C75	0.047106	0.371924	0.325	0.021014	0.935340
C.C80	0.049322	0.383476	0.330	0.019839	0.939881
C.C85	0.051394	0.395360	0.335	0.018709	0.944151
C.C90	0.053320	0.407561	0.340	0.017625	0.948162
C.C95	0.055094	0.420062	0.345	0.016585	0.951927
C.100	0.056715	0.432846	0.350	0.015591	0.955455
C.105	0.058181	0.445893	0.355	0.014641	0.958758
C.110	0.059490	0.459185	0.360	0.013735	0.961848
C.115	0.060640	0.472699	0.365	0.012872	0.964735
C.120	0.061630	0.486414	0.370	0.012051	0.967430
C.125	0.062462	0.500307	0.375	0.011271	0.969944
C.130	0.063134	0.514352	0.380	0.010532	0.972285
C.135	0.063649	0.528524	0.385	0.009831	0.974465
C.140	0.064008	0.542796	0.390	0.009168	0.976492
C.145	0.064214	0.557142	0.395	0.008542	0.978375
C.150	0.064270	0.571534	0.400	0.007951	0.980123
C.155	0.064179	0.585942	0.405	0.007394	0.981744
C.160	0.063946	0.600338	0.410	0.006869	0.983246
C.165	0.063576	0.614693	0.415	0.006376	0.984637
C.170	0.063073	0.628979	0.420	0.005912	0.985924
C.175	0.062446	0.643168	0.425	0.005477	0.987113
C.180	0.061699	0.657230	0.430	0.005069	0.988212
C.185	0.060839	0.671140	0.435	0.004687	0.989225
C.190	0.059875	0.684870	0.440	0.004330	0.990160
C.195	0.058813	0.698396	0.445	0.003996	0.991020
C.200	0.057661	0.711694	0.450	0.003684	0.991813
C.205	0.056428	0.724740	0.455	0.003394	0.992542
C.210	0.055122	0.737516	0.460	0.003123	0.993211
C.215	0.053750	0.750000	0.465	0.002871	0.993826
C.220	0.052321	0.762176	0.470	0.002637	0.994390
C.225	0.050844	0.774028	0.475	0.002419	0.994907
C.230	0.049325	0.785544	0.480	0.002217	0.995381
C.235	0.047773	0.796710	0.485	0.002030	0.995814
C.240	0.046196	0.807517	0.490	0.001857	0.996211
C.245	0.044600	0.817959	0.495	0.001697	0.996573
C.250	0.042993	0.828028	0.500	0.001548	0.996903

TABLE XVI
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.300$ AND $i = 10$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003477	0.304675	0.255	0.033389	0.869061
C.C10	0.006899	0.310211	0.260	0.032021	0.876842
C.C15	0.010252	0.316504	0.265	0.030667	0.884275
C.C20	0.013531	0.323471	0.270	0.029331	0.891365
C.C25	0.016724	0.331049	0.275	0.028017	0.898119
C.C30	0.019824	0.339186	0.280	0.026728	0.904543
C.C35	0.022826	0.347842	0.285	0.025466	0.910646
C.C40	0.025721	0.356980	0.290	0.024234	0.916434
C.C45	0.028504	0.366571	0.295	0.023034	0.921918
C.C50	0.031171	0.376588	0.300	0.021868	0.927107
C.C55	0.033715	0.387006	0.305	0.020737	0.932011
C.C60	0.036132	0.397804	0.310	0.019642	0.936639
C.C65	0.038418	0.408958	0.315	0.018584	0.941002
C.C70	0.040569	0.420449	0.320	0.017565	0.945111
C.C75	0.042581	0.432254	0.325	0.016583	0.948976
C.C80	0.044452	0.444355	0.330	0.015640	0.952607
C.C85	0.046178	0.456728	0.335	0.014735	0.956016
C.C90	0.047758	0.469353	0.340	0.013868	0.959212
C.C95	0.049190	0.482207	0.345	0.013039	0.962206
C.100	0.050473	0.495266	0.350	0.012247	0.965007
C.105	0.051607	0.508508	0.355	0.011493	0.967626
C.110	0.052590	0.521908	0.360	0.010774	0.970073
C.115	0.053424	0.535441	0.365	0.010090	0.972355
C.120	0.054110	0.549081	0.370	0.009441	0.974483
C.125	0.054650	0.562802	0.375	0.008825	0.976466
C.130	0.055045	0.576577	0.380	0.008242	0.978311
C.135	0.055299	0.590379	0.385	0.007690	0.980026
C.140	0.055415	0.604182	0.390	0.007168	0.981620
C.145	0.055396	0.617957	0.395	0.006676	0.983099
C.150	0.055248	0.631679	0.400	0.006211	0.984471
C.155	0.054976	0.645319	0.405	0.005774	0.985743
C.160	0.054584	0.658853	0.410	0.005363	0.986921
C.165	0.054078	0.672254	0.415	0.004976	0.988010
C.170	0.053465	0.685498	0.420	0.004613	0.989018
C.175	0.052752	0.698561	0.425	0.004272	0.989948
C.180	0.051944	0.711420	0.430	0.003953	0.990807
C.185	0.051050	0.724054	0.435	0.003654	0.991599
C.190	0.050076	0.736442	0.440	0.003375	0.992330
C.195	0.049029	0.748567	0.445	0.003114	0.993002
C.200	0.047918	0.760412	0.450	0.002871	0.993621
C.205	0.046748	0.771960	0.455	0.002644	0.994189
C.210	0.045528	0.783199	0.460	0.002433	0.994712
C.215	0.044265	0.794117	0.465	0.002236	0.995192
C.220	0.042965	0.804704	0.470	0.002053	0.995631
C.225	0.041636	0.814952	0.475	0.001884	0.996035
C.230	0.040284	0.824854	0.480	0.001726	0.996404
C.235	0.038915	0.834404	0.485	0.001580	0.996742
C.240	0.037536	0.843602	0.490	0.001445	0.997050
C.245	0.036151	0.852443	0.495	0.001321	0.997332
C.250	0.034768	0.860929	0.500	0.001205	0.997590

TABLE XVII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.350$ AND $i = 10$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003225	0.355059	0.255	0.027305	0.892922
0.010	0.006390	0.361035	0.260	0.026143	0.899449
0.015	0.009483	0.367809	0.265	0.024999	0.905664
0.020	0.012494	0.375285	0.270	0.023875	0.911575
0.025	0.015415	0.383389	0.275	0.022773	0.917189
0.030	0.018238	0.392059	0.280	0.021696	0.922515
0.035	0.020956	0.401245	0.285	0.020645	0.927560
0.040	0.023564	0.410902	0.290	0.019623	0.932334
0.045	0.026055	0.420994	0.295	0.018630	0.936847
0.050	0.028426	0.431485	0.300	0.017668	0.941107
0.055	0.030671	0.442344	0.305	0.016737	0.945125
0.060	0.032787	0.453543	0.310	0.015838	0.948909
0.065	0.034772	0.465053	0.315	0.014972	0.952470
0.070	0.036621	0.476848	0.320	0.014138	0.955818
0.075	0.038332	0.488902	0.325	0.013337	0.958962
0.080	0.039905	0.501188	0.330	0.012569	0.961911
0.085	0.041337	0.513681	0.335	0.011834	0.964675
0.090	0.042628	0.526355	0.340	0.011130	0.967264
0.095	0.043778	0.539183	0.345	0.010459	0.969685
0.100	0.044786	0.552141	0.350	0.009818	0.971948
0.105	0.045654	0.565201	0.355	0.009208	0.974062
0.110	0.046383	0.578337	0.360	0.008628	0.976034
0.115	0.046975	0.591522	0.365	0.008077	0.977872
0.120	0.047432	0.604731	0.370	0.007554	0.979585
0.125	0.047758	0.617937	0.375	0.007058	0.981178
0.130	0.047955	0.631113	0.380	0.006589	0.982660
0.135	0.048028	0.644235	0.385	0.006146	0.984037
0.140	0.047981	0.657276	0.390	0.005727	0.985316
0.145	0.047819	0.670212	0.395	0.005332	0.986502
0.150	0.047547	0.683020	0.400	0.004960	0.987601
0.155	0.047170	0.695675	0.405	0.004609	0.988619
0.160	0.046695	0.708156	0.410	0.004280	0.989562
0.165	0.046127	0.720442	0.415	0.003970	0.990434
0.170	0.045473	0.732514	0.420	0.003680	0.991239
0.175	0.044738	0.744352	0.425	0.003407	0.991983
0.180	0.043931	0.755940	0.430	0.003152	0.992669
0.185	0.043056	0.767262	0.435	0.002913	0.993302
0.190	0.042122	0.778305	0.440	0.002690	0.993885
0.195	0.041134	0.789056	0.445	0.002482	0.994422
0.200	0.040099	0.799504	0.450	0.002288	0.994916
0.205	0.039024	0.809640	0.455	0.002107	0.995370
0.210	0.037914	0.819456	0.460	0.001938	0.995787
0.215	0.036776	0.828947	0.465	0.001781	0.996169
0.220	0.035616	0.838108	0.470	0.001636	0.996520
0.225	0.034439	0.846936	0.475	0.001500	0.996841
0.230	0.033251	0.855430	0.480	0.001375	0.997136
0.235	0.032056	0.863589	0.485	0.001259	0.997405
0.240	0.030860	0.871415	0.490	0.001151	0.997651
0.245	0.029667	0.878910	0.495	0.001052	0.997876
0.250	0.028481	0.886078	0.500	0.000960	0.998081

TABLE XVIII
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.400$ AND $i = 10$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002973	0.405331	0.255	0.022518	0.911696
0.010	0.005884	0.411614	0.260	0.021532	0.917184
0.015	0.008719	0.418714	0.265	0.020565	0.922398
0.020	0.011469	0.426527	0.270	0.019617	0.927344
0.025	0.014126	0.434967	0.275	0.018691	0.932032
0.030	0.016681	0.443964	0.280	0.017789	0.936469
0.035	0.019129	0.453458	0.285	0.016911	0.940664
0.040	0.021464	0.463400	0.290	0.016058	0.944627
0.045	0.023682	0.473744	0.295	0.015232	0.948365
0.050	0.025778	0.484449	0.300	0.014434	0.951888
0.055	0.027749	0.495480	0.305	0.013663	0.955205
0.060	0.029592	0.506801	0.310	0.012919	0.958325
0.065	0.031305	0.518381	0.315	0.012204	0.961256
0.070	0.032887	0.530188	0.320	0.011517	0.964009
0.075	0.034336	0.542193	0.325	0.010858	0.966590
0.080	0.035651	0.554366	0.330	0.010227	0.969009
0.085	0.036832	0.566678	0.335	0.009623	0.971273
0.090	0.037881	0.579102	0.340	0.009047	0.973392
0.095	0.038797	0.591611	0.345	0.008497	0.975371
0.100	0.039582	0.604176	0.350	0.007973	0.977220
0.105	0.040239	0.616772	0.355	0.007475	0.978945
0.110	0.040769	0.629372	0.360	0.007001	0.980553
0.115	0.041176	0.641950	0.365	0.006551	0.982051
0.120	0.041462	0.654480	0.370	0.006125	0.983446
0.125	0.041633	0.666939	0.375	0.005722	0.984743
0.130	0.041691	0.679303	0.380	0.005340	0.985948
0.135	0.041641	0.691548	0.385	0.004979	0.987067
0.140	0.041489	0.703653	0.390	0.004639	0.988106
0.145	0.041239	0.715596	0.395	0.004318	0.989069
0.150	0.040896	0.727358	0.400	0.004015	0.989962
0.155	0.040467	0.738920	0.405	0.003731	0.990788
0.160	0.039958	0.750264	0.410	0.003464	0.991552
0.165	0.039373	0.761375	0.415	0.003212	0.992259
0.170	0.038720	0.772237	0.420	0.002977	0.992912
0.175	0.038003	0.782839	0.425	0.002756	0.993515
0.180	0.037230	0.793167	0.430	0.002550	0.994071
0.185	0.036406	0.803212	0.435	0.002356	0.994583
0.190	0.035537	0.812965	0.440	0.002176	0.995055
0.195	0.034628	0.822418	0.445	0.002007	0.995490
0.200	0.033687	0.831567	0.450	0.001850	0.995890
0.205	0.032717	0.840405	0.455	0.001703	0.996257
0.210	0.031724	0.848931	0.460	0.001567	0.996594
0.215	0.030714	0.857143	0.465	0.001440	0.996904
0.220	0.029691	0.865040	0.470	0.001322	0.997187
0.225	0.028660	0.872622	0.475	0.001213	0.997447
0.230	0.027625	0.879893	0.480	0.001111	0.997685
0.235	0.026589	0.886854	0.485	0.001017	0.997903
0.240	0.025558	0.893510	0.490	0.000930	0.998102
0.245	0.024533	0.899865	0.495	0.000850	0.998283
0.250	0.023519	0.905925	0.500	0.000775	0.998449

TABLE XIX
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.450$ AND $i = 10$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002723	0.455491	0.255	0.018653	0.926852
C.C10	0.005381	0.461948	0.260	0.017818	0.931469
C.C15	0.007962	0.469224	0.265	0.017001	0.935847
C.C20	0.010456	0.477206	0.270	0.016202	0.939992
C.C25	0.012855	0.485799	0.275	0.015424	0.943913
C.C30	0.015152	0.494926	0.280	0.014667	0.947618
C.C35	0.017342	0.504522	0.285	0.013932	0.951115
C.C40	0.019419	0.514529	0.290	0.013220	0.954413
C.C45	0.021380	0.524898	0.295	0.012531	0.957521
C.C50	0.023221	0.535583	0.300	0.011866	0.960445
C.C55	0.024940	0.546543	0.305	0.011226	0.963195
C.C60	0.026536	0.557742	0.310	0.010609	0.965778
C.C65	0.028006	0.569142	0.315	0.010016	0.968203
C.C70	0.029350	0.580711	0.320	0.009447	0.970477
C.C75	0.030569	0.592417	0.325	0.008903	0.972607
C.C80	0.031662	0.604230	0.330	0.008381	0.974602
C.C85	0.032630	0.616118	0.335	0.007883	0.976468
C.C90	0.033475	0.628056	0.340	0.007408	0.978212
C.C95	0.034199	0.640014	0.345	0.006955	0.979840
C.100	0.034803	0.651966	0.350	0.006524	0.981360
C.105	0.035292	0.663887	0.355	0.006114	0.982777
C.110	0.035667	0.675752	0.360	0.005725	0.984097
C.115	0.035933	0.687537	0.365	0.005356	0.985326
C.120	0.036094	0.699220	0.370	0.005006	0.986470
C.125	0.036153	0.710779	0.375	0.004675	0.987533
C.130	0.036115	0.722193	0.380	0.004362	0.988520
C.135	0.035985	0.733443	0.385	0.004067	0.989437
C.140	0.035768	0.744511	0.390	0.003788	0.990287
C.145	0.035470	0.755380	0.395	0.003525	0.991075
C.150	0.035095	0.766034	0.400	0.003278	0.991805
C.155	0.034649	0.776460	0.405	0.003045	0.992481
C.160	0.034137	0.786644	0.410	0.002827	0.993106
C.165	0.033565	0.796575	0.415	0.002621	0.993684
C.170	0.032939	0.806243	0.420	0.002429	0.994217
C.175	0.032263	0.815640	0.425	0.002249	0.994709
C.180	0.031544	0.824757	0.430	0.002080	0.995164
C.185	0.030786	0.833590	0.435	0.001922	0.995582
C.190	0.029995	0.842133	0.440	0.001774	0.995967
C.195	0.029175	0.850384	0.445	0.001637	0.996322
C.200	0.028332	0.858339	0.450	0.001508	0.996648
C.205	0.027470	0.865999	0.455	0.001389	0.996948
C.210	0.026594	0.873364	0.460	0.001277	0.997223
C.215	0.025707	0.880435	0.465	0.001174	0.997475
C.220	0.024813	0.887213	0.470	0.001078	0.997707
C.225	0.023917	0.893703	0.475	0.000988	0.997919
C.230	0.023021	0.899909	0.480	0.000906	0.998113
C.235	0.022129	0.905834	0.485	0.000829	0.998291
C.240	0.021244	0.911485	0.490	0.000758	0.998453
C.245	0.020368	0.916867	0.495	0.000693	0.998601
C.250	0.019503	0.921987	0.500	0.000632	0.998736

TABLE XX

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.500$ AND $i = 10$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002472	0.505540	0.255	0.015467	0.939345
0.010	0.004880	0.512039	0.260	0.014762	0.943222
0.015	0.007210	0.519343	0.265	0.014074	0.946891
0.020	0.009453	0.527330	0.270	0.013403	0.950361
0.025	0.011602	0.535901	0.275	0.012750	0.953638
0.030	0.013651	0.544972	0.280	0.012116	0.956730
0.035	0.015593	0.554473	0.285	0.011501	0.959645
0.040	0.017426	0.564342	0.290	0.010907	0.962390
0.045	0.019146	0.574526	0.295	0.010333	0.964974
0.050	0.020751	0.584978	0.300	0.009779	0.967402
0.055	0.022239	0.595653	0.305	0.009246	0.969684
0.060	0.023609	0.606512	0.310	0.008734	0.971825
0.065	0.024861	0.617517	0.315	0.008243	0.973833
0.070	0.025996	0.628635	0.320	0.007771	0.975714
0.075	0.027013	0.639833	0.325	0.007320	0.977476
0.080	0.027914	0.651080	0.330	0.006889	0.979123
0.085	0.028700	0.662348	0.335	0.006478	0.980664
0.090	0.029375	0.673609	0.340	0.006085	0.982102
0.095	0.029940	0.684838	0.345	0.005712	0.983445
0.100	0.030399	0.696009	0.350	0.005356	0.984697
0.105	0.030755	0.707099	0.355	0.005018	0.985864
0.110	0.031011	0.718086	0.360	0.004698	0.986951
0.115	0.031171	0.728950	0.365	0.004394	0.987962
0.120	0.031240	0.739670	0.370	0.004106	0.988903
0.125	0.031221	0.750230	0.375	0.003834	0.989776
0.130	0.031121	0.760612	0.380	0.003577	0.990588
0.135	0.030942	0.770800	0.385	0.003334	0.991341
0.140	0.030691	0.780780	0.390	0.003105	0.992039
0.145	0.030372	0.790540	0.395	0.002889	0.992686
0.150	0.029990	0.800069	0.400	0.002686	0.993285
0.155	0.029550	0.809355	0.405	0.002495	0.993840
0.160	0.029057	0.818391	0.410	0.002316	0.994352
0.165	0.028517	0.827169	0.415	0.002147	0.994826
0.170	0.027934	0.835683	0.420	0.001989	0.995264
0.175	0.027313	0.843928	0.425	0.001841	0.995667
0.180	0.026658	0.851901	0.430	0.001703	0.996039
0.185	0.025974	0.859598	0.435	0.001574	0.996382
0.190	0.025266	0.867019	0.440	0.001453	0.996698
0.195	0.024538	0.874163	0.445	0.001340	0.996989
0.200	0.023794	0.881032	0.450	0.001235	0.997256
0.205	0.023037	0.887625	0.455	0.001137	0.997501
0.210	0.022271	0.893947	0.460	0.001046	0.997727
0.215	0.021500	0.900000	0.465	0.000961	0.997934
0.220	0.020727	0.905788	0.470	0.000882	0.998123
0.225	0.019954	0.911316	0.475	0.000809	0.998297
0.230	0.019184	0.916589	0.480	0.000741	0.998456
0.235	0.018421	0.921613	0.485	0.000679	0.998601
0.240	0.017665	0.926394	0.490	0.000620	0.998734
0.245	0.016920	0.930938	0.495	0.000567	0.998855
0.250	0.016187	0.935253	0.500	0.000517	0.998966

TABLE XXI
AOQ AND AFI VALUES FOR CSP-3
f = 0.050 AND i = 20

P	AOQ	AFI	P	AOQ	AFI
0.005	0.004743	0.051386	0.255	0.016394	0.935711
0.010	0.009465	0.053533	0.260	0.014647	0.943666
0.015	0.014155	0.056340	0.265	0.013057	0.950730
0.020	0.018805	0.059761	0.270	0.011614	0.956984
0.025	0.023405	0.063784	0.275	0.010310	0.962507
0.030	0.027948	0.068416	0.280	0.009135	0.967374
0.035	0.032421	0.073681	0.285	0.008079	0.971653
0.040	0.036815	0.079614	0.290	0.007132	0.975407
0.045	0.041118	0.086258	0.295	0.006285	0.978694
0.050	0.045317	0.093664	0.300	0.005530	0.981566
0.055	0.049396	0.101889	0.305	0.004858	0.984073
0.060	0.053340	0.110995	0.310	0.004260	0.986257
0.065	0.057132	0.121048	0.315	0.003731	0.988156
0.070	0.060752	0.132116	0.320	0.003262	0.989806
0.075	0.064180	0.144269	0.325	0.002848	0.991236
0.080	0.067394	0.157577	0.330	0.002483	0.992475
0.085	0.070371	0.172105	0.335	0.002162	0.993547
0.090	0.073088	0.187916	0.340	0.001879	0.994473
0.095	0.075519	0.205064	0.345	0.001631	0.995271
0.100	0.077641	0.223594	0.350	0.001414	0.995959
0.105	0.079429	0.243534	0.355	0.001224	0.996551
0.110	0.080861	0.264898	0.360	0.001058	0.997060
0.115	0.081917	0.287678	0.365	0.000914	0.997497
0.120	0.082579	0.311842	0.370	0.000788	0.997871
0.125	0.082834	0.337331	0.375	0.000678	0.998192
0.130	0.082672	0.364058	0.380	0.000583	0.998466
0.135	0.082093	0.391906	0.385	0.000500	0.998701
0.140	0.081098	0.420730	0.390	0.000429	0.998901
0.145	0.079699	0.450354	0.395	0.000367	0.999071
0.150	0.077913	0.480580	0.400	0.000314	0.999216
0.155	0.075766	0.511190	0.405	0.000268	0.999339
0.160	0.073288	0.541949	0.410	0.000228	0.999444
0.165	0.070518	0.572618	0.415	0.000194	0.999533
0.170	0.067498	0.602955	0.420	0.000165	0.999608
0.175	0.064273	0.632728	0.425	0.000140	0.999671
0.180	0.060891	0.661719	0.430	0.000118	0.999725
0.185	0.057400	0.689730	0.435	0.000100	0.999770
0.190	0.053848	0.716590	0.440	0.000084	0.999808
0.195	0.050279	0.742158	0.445	0.000071	0.999840
0.200	0.046735	0.766323	0.450	0.000060	0.999867
0.205	0.043253	0.789007	0.455	0.000050	0.999890
0.210	0.039865	0.810165	0.460	0.000042	0.999908
0.215	0.036598	0.829777	0.465	0.000035	0.999924
0.220	0.033473	0.847851	0.470	0.000029	0.999937
0.225	0.030506	0.864417	0.475	0.000025	0.999948
0.230	0.027709	0.879525	0.480	0.000020	0.999957
0.235	0.025089	0.893238	0.485	0.000017	0.999965
0.240	0.022649	0.905629	0.490	0.000014	0.999971
0.245	0.020389	0.916780	0.495	0.000012	0.999976
0.250	0.018305	0.926778	0.500	0.000010	0.999981

TABLE XXII
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.100$ AND $i = 20$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004487	0.102622	0.255	0.008037	0.968481
C.C10	0.008933	0.106669	0.260	0.007150	0.972500
C.C15	0.013321	0.111933	0.265	0.006349	0.976040
C.C20	0.017634	0.118307	0.270	0.005629	0.979152
C.C25	0.021856	0.125744	0.275	0.004982	0.981883
C.C30	0.025973	0.134230	0.280	0.004403	0.984276
C.C35	0.029968	0.143779	0.285	0.003885	0.986369
C.C40	0.033823	0.154415	0.290	0.003423	0.988198
C.C45	0.037522	0.166174	0.295	0.003011	0.989793
C.C50	0.041045	0.179097	0.300	0.002645	0.991183
C.C55	0.044373	0.193225	0.305	0.002320	0.992392
C.C60	0.047484	0.208598	0.310	0.002033	0.993443
C.C65	0.050359	0.225250	0.315	0.001778	0.994355
C.C70	0.052975	0.243210	0.320	0.001554	0.995145
C.C75	0.055313	0.262491	0.325	0.001355	0.995830
C.C80	0.057352	0.283096	0.330	0.001181	0.996422
C.C85	0.059074	0.305007	0.335	0.001027	0.996933
C.C90	0.060463	0.328187	0.340	0.000893	0.997374
C.C95	0.061505	0.352579	0.345	0.000775	0.997754
C.100	0.062190	0.378098	0.350	0.000671	0.998082
C.105	0.062513	0.404636	0.355	0.000581	0.998363
C.110	0.062473	0.432061	0.360	0.000502	0.998605
C.115	0.062075	0.460216	0.365	0.000433	0.998813
C.120	0.061329	0.488925	0.370	0.000373	0.998991
C.125	0.060251	0.517993	0.375	0.000321	0.999143
C.130	0.058862	0.547214	0.380	0.000276	0.999273
C.135	0.057189	0.576374	0.385	0.000237	0.999384
C.140	0.055263	0.605261	0.390	0.000203	0.999479
C.145	0.053119	0.633665	0.395	0.000174	0.999560
C.150	0.050791	0.661390	0.400	0.000149	0.999628
C.155	0.048320	0.689257	0.405	0.000127	0.999687
C.160	0.045743	0.7174105	0.410	0.000108	0.999736
C.165	0.043098	0.738803	0.415	0.000092	0.999779
C.170	0.040419	0.762242	0.420	0.000078	0.999814
C.175	0.037740	0.784342	0.425	0.000066	0.999844
C.180	0.035091	0.805053	0.430	0.000056	0.999870
C.185	0.032496	0.824346	0.435	0.000047	0.999891
C.190	0.029979	0.842218	0.440	0.000040	0.999909
C.195	0.027556	0.858687	0.445	0.000034	0.999924
C.200	0.025242	0.873788	0.450	0.000028	0.999937
C.205	0.023048	0.887571	0.455	0.000024	0.999948
C.210	0.020980	0.900096	0.460	0.000020	0.999957
C.215	0.019042	0.911433	0.465	0.000017	0.999964
C.220	0.017236	0.921656	0.470	0.000014	0.999970
C.225	0.015561	0.930842	0.475	0.000012	0.999975
C.230	0.014014	0.939070	0.480	0.000010	0.999980
C.235	0.012592	0.946418	0.485	0.000008	0.999983
C.240	0.011289	0.952961	0.490	0.000007	0.999986
C.245	0.010100	0.958774	0.495	0.000006	0.999989
C.250	0.009019	0.963926	0.500	0.000005	0.999991

TABLE XXIII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.150$ AND $i = 20$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.004231	0.153709	0.255	0.005120	0.979920
0.010	0.008406	0.159413	0.260	0.004548	0.982507
0.015	0.012498	0.166794	0.265	0.004034	0.984779
0.020	0.016487	0.175674	0.270	0.003572	0.986771
0.025	0.020351	0.185956	0.275	0.003158	0.988516
0.030	0.024072	0.197588	0.280	0.002788	0.990042
0.035	0.027631	0.210547	0.285	0.002458	0.991374
0.040	0.031007	0.224825	0.290	0.002164	0.992536
0.045	0.034181	0.240422	0.295	0.001903	0.993549
0.050	0.037133	0.257337	0.300	0.001671	0.994430
0.055	0.039844	0.275565	0.305	0.001465	0.995196
0.060	0.042294	0.295093	0.310	0.001283	0.995861
0.065	0.044467	0.315895	0.315	0.001122	0.996438
0.070	0.046345	0.337929	0.320	0.000980	0.996938
0.075	0.047915	0.361136	0.325	0.000855	0.997370
0.080	0.049165	0.385437	0.330	0.000745	0.997744
0.085	0.050088	0.410731	0.335	0.000648	0.998067
0.090	0.050679	0.436896	0.340	0.000563	0.998345
0.095	0.050940	0.463789	0.345	0.000488	0.998585
0.100	0.050875	0.491249	0.350	0.000423	0.998791
0.105	0.050494	0.519100	0.355	0.000366	0.998969
0.110	0.049813	0.547153	0.360	0.000316	0.999121
0.115	0.048851	0.575212	0.365	0.000273	0.999252
0.120	0.047630	0.603080	0.370	0.000235	0.999364
0.125	0.046180	0.630561	0.375	0.000202	0.999460
0.130	0.044529	0.657471	0.380	0.000174	0.999542
0.135	0.042709	0.683636	0.385	0.000149	0.999612
0.140	0.040754	0.708902	0.390	0.000128	0.999672
0.145	0.038695	0.733137	0.395	0.000110	0.999723
0.150	0.036566	0.756230	0.400	0.000094	0.999766
0.155	0.034395	0.778096	0.405	0.000080	0.999803
0.160	0.032212	0.798674	0.410	0.000068	0.999834
0.165	0.030042	0.817929	0.415	0.000058	0.999861
0.170	0.027906	0.835845	0.420	0.000049	0.999883
0.175	0.025825	0.852429	0.425	0.000042	0.999902
0.180	0.023813	0.867703	0.430	0.000035	0.999918
0.185	0.021884	0.881707	0.435	0.000030	0.999931
0.190	0.020047	0.894490	0.440	0.000025	0.999943
0.195	0.018308	0.906111	0.445	0.000021	0.999952
0.200	0.016673	0.916637	0.450	0.000018	0.999960
0.205	0.015142	0.926136	0.455	0.000015	0.999967
0.210	0.013717	0.934681	0.460	0.000013	0.999973
0.215	0.012396	0.942344	0.465	0.000011	0.999977
0.220	0.011176	0.949198	0.470	0.000009	0.999981
0.225	0.010055	0.955311	0.475	0.000007	0.999985
0.230	0.009027	0.960751	0.480	0.000006	0.999987
0.235	0.008089	0.965580	0.485	0.000005	0.999990
0.240	0.007234	0.969858	0.490	0.000004	0.999991
0.245	0.006458	0.973641	0.495	0.000003	0.999993
0.250	0.005755	0.976979	0.500	0.000003	0.999994

TABLE XXIV

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.200$ AND $i = 20$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003977	0.204648	0.255	0.003636	0.985742
0.010	0.007882	0.211769	0.260	0.003227	0.987588
0.015	0.011686	0.220937	0.265	0.002860	0.989207
0.020	0.015362	0.231897	0.270	0.002531	0.990626
0.025	0.018888	0.244494	0.275	0.002237	0.991866
0.030	0.022241	0.258624	0.280	0.001974	0.992950
0.035	0.025402	0.274218	0.285	0.001740	0.993896
0.040	0.028351	0.291222	0.290	0.001531	0.994720
0.045	0.031069	0.309585	0.295	0.001346	0.995438
0.050	0.033537	0.329256	0.300	0.001181	0.996062
0.055	0.035740	0.350177	0.305	0.001036	0.996604
0.060	0.037664	0.372275	0.310	0.000907	0.997075
0.065	0.039295	0.395465	0.315	0.000793	0.997483
0.070	0.040625	0.419645	0.320	0.000692	0.997836
0.075	0.041648	0.444695	0.325	0.000604	0.998142
0.080	0.042362	0.470478	0.330	0.000526	0.998406
0.085	0.042769	0.496841	0.335	0.000457	0.998635
0.090	0.042875	0.523616	0.340	0.000397	0.998831
0.095	0.042690	0.550628	0.345	0.000345	0.999001
0.100	0.042231	0.577690	0.350	0.000299	0.999147
0.105	0.041515	0.604618	0.355	0.000258	0.999272
0.110	0.040565	0.631226	0.360	0.000223	0.999380
0.115	0.039406	0.657339	0.365	0.000193	0.999472
0.120	0.038065	0.682790	0.370	0.000166	0.999551
0.125	0.036571	0.707429	0.375	0.000143	0.999619
0.130	0.034953	0.731127	0.380	0.000123	0.999677
0.135	0.033241	0.753773	0.385	0.000105	0.999726
0.140	0.031461	0.775279	0.390	0.000090	0.999768
0.145	0.029641	0.795581	0.395	0.000077	0.999804
0.150	0.027804	0.814637	0.400	0.000066	0.999835
0.155	0.025974	0.832425	0.405	0.000056	0.999861
0.160	0.024169	0.848943	0.410	0.000048	0.999883
0.165	0.022406	0.864207	0.415	0.000041	0.999902
0.170	0.020698	0.878248	0.420	0.000035	0.999917
0.175	0.019057	0.891106	0.425	0.000029	0.999931
0.180	0.017490	0.902833	0.430	0.000025	0.999942
0.185	0.016005	0.913489	0.435	0.000021	0.999952
0.190	0.014604	0.923137	0.440	0.000018	0.999960
0.195	0.013291	0.931843	0.445	0.000015	0.999966
0.200	0.012065	0.939676	0.450	0.000013	0.999972
0.205	0.010926	0.946703	0.455	0.000011	0.999977
0.210	0.009872	0.952989	0.460	0.000009	0.999981
0.215	0.008901	0.958600	0.465	0.000007	0.999984
0.220	0.008009	0.963596	0.470	0.000006	0.999987
0.225	0.007192	0.968035	0.475	0.000005	0.999989
0.230	0.006447	0.971971	0.480	0.000004	0.999991
0.235	0.005768	0.975455	0.485	0.000004	0.999993
0.240	0.005152	0.978533	0.490	0.000003	0.999994
0.245	0.004594	0.981248	0.495	0.000002	0.999995
0.250	0.004090	0.983639	0.500	0.000002	0.999996

TABLE XXV

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.250$ AND $i = 20$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003723	0.255439	0.255	0.002737	0.989268
0.010	0.007363	0.263742	0.260	0.002428	0.990662
0.015	0.010884	0.274376	0.265	0.002151	0.991884
0.020	0.014260	0.287011	0.270	0.001903	0.992953
0.025	0.017464	0.301426	0.275	0.001681	0.993887
0.030	0.020476	0.317464	0.280	0.001483	0.994703
0.035	0.023275	0.335003	0.285	0.001307	0.995415
0.040	0.025842	0.353938	0.290	0.001150	0.996035
0.045	0.028162	0.374168	0.295	0.001011	0.996574
0.050	0.030220	0.395592	0.300	0.000887	0.997044
0.055	0.032005	0.418099	0.305	0.000777	0.997451
0.060	0.033506	0.441571	0.310	0.000681	0.997805
0.065	0.034718	0.465874	0.315	0.000595	0.998111
0.070	0.035640	0.490864	0.320	0.000520	0.998376
0.075	0.036271	0.516382	0.325	0.000453	0.998606
0.080	0.036619	0.542263	0.330	0.000395	0.998804
0.085	0.036692	0.568331	0.335	0.000343	0.998976
0.090	0.036503	0.594408	0.340	0.000298	0.999123
0.095	0.036070	0.620316	0.345	0.000259	0.999250
0.100	0.035412	0.645881	0.350	0.000224	0.999360
0.105	0.034552	0.670937	0.355	0.000194	0.999454
0.110	0.033514	0.695331	0.360	0.000168	0.999535
0.115	0.032324	0.718926	0.365	0.000145	0.999604
0.120	0.031008	0.741600	0.370	0.000125	0.999663
0.125	0.029593	0.763256	0.375	0.000107	0.999714
0.130	0.028104	0.783814	0.380	0.000092	0.999758
0.135	0.026566	0.803216	0.385	0.000079	0.999795
0.140	0.025000	0.821427	0.390	0.000068	0.999826
0.145	0.023428	0.838429	0.395	0.000058	0.999853
0.150	0.021867	0.854222	0.400	0.000050	0.999876
0.155	0.020332	0.868823	0.405	0.000042	0.999896
0.160	0.018838	0.882261	0.410	0.000036	0.999912
0.165	0.017395	0.894577	0.415	0.000031	0.999926
0.170	0.016011	0.905819	0.420	0.000026	0.999938
0.175	0.014692	0.916044	0.425	0.000022	0.999948
0.180	0.013444	0.925311	0.430	0.000019	0.999957
0.185	0.012269	0.933683	0.435	0.000016	0.999964
0.190	0.011168	0.941223	0.440	0.000013	0.999970
0.195	0.010141	0.947996	0.445	0.000011	0.999975
0.200	0.009187	0.954064	0.450	0.000009	0.999979
0.205	0.008305	0.959487	0.455	0.000008	0.999983
0.210	0.007492	0.964323	0.460	0.000007	0.999986
0.215	0.006746	0.968625	0.465	0.000006	0.999988
0.220	0.006062	0.972446	0.470	0.000005	0.999990
0.225	0.005438	0.975833	0.475	0.000004	0.999992
0.230	0.004869	0.978830	0.480	0.000003	0.999993
0.235	0.004353	0.981478	0.485	0.000003	0.999994
0.240	0.003885	0.983813	0.490	0.000002	0.999995
0.245	0.003462	0.985870	0.495	0.000002	0.999996
0.250	0.003080	0.987679	0.500	0.000002	0.999997

TABLE XXVI

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.300$ AND $i = 20$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003470	0.306083	0.255	0.002134	0.991633
0.010	0.006847	0.315334	0.260	0.001892	0.992722
0.015	0.010093	0.327125	0.265	0.001676	0.993676
0.020	0.013179	0.341047	0.270	0.001482	0.994510
0.025	0.016080	0.356818	0.275	0.001309	0.995239
0.030	0.018773	0.374225	0.280	0.001155	0.995875
0.035	0.021242	0.393093	0.285	0.001017	0.996430
0.040	0.023469	0.413271	0.290	0.000895	0.996913
0.045	0.025443	0.434611	0.295	0.000787	0.997334
0.050	0.027152	0.456968	0.300	0.000690	0.997699
0.055	0.028589	0.480194	0.305	0.000605	0.998016
0.060	0.029752	0.504132	0.310	0.000530	0.998292
0.065	0.030640	0.528619	0.315	0.000463	0.998530
0.070	0.031256	0.553486	0.320	0.000404	0.998737
0.075	0.031608	0.578561	0.325	0.000352	0.998915
0.080	0.031707	0.603668	0.330	0.000307	0.999070
0.085	0.031566	0.628633	0.335	0.000267	0.999203
0.090	0.031204	0.653290	0.340	0.000232	0.999318
0.095	0.030640	0.677478	0.345	0.000201	0.999417
0.100	0.029895	0.701049	0.350	0.000174	0.999502
0.105	0.028994	0.723870	0.355	0.000151	0.999575
0.110	0.027959	0.745827	0.360	0.000130	0.999638
0.115	0.026815	0.766822	0.365	0.000112	0.999692
0.120	0.025587	0.786779	0.370	0.000097	0.999738
0.125	0.024295	0.805641	0.375	0.000083	0.999778
0.130	0.022962	0.823370	0.380	0.000072	0.999811
0.135	0.021607	0.839947	0.385	0.000062	0.999840
0.140	0.020248	0.855371	0.390	0.000053	0.999865
0.145	0.018900	0.869654	0.395	0.000045	0.999886
0.150	0.017577	0.882821	0.400	0.000039	0.999904
0.155	0.016289	0.894910	0.405	0.000033	0.999919
0.160	0.015046	0.905965	0.410	0.000028	0.999932
0.165	0.013854	0.916037	0.415	0.000024	0.999943
0.170	0.012719	0.925182	0.420	0.000020	0.999952
0.175	0.011645	0.933459	0.425	0.000017	0.999960
0.180	0.010633	0.940928	0.430	0.000015	0.999966
0.185	0.009685	0.947648	0.435	0.000012	0.999972
0.190	0.008801	0.953680	0.440	0.000010	0.999976
0.195	0.007979	0.959080	0.445	0.000009	0.999980
0.200	0.007219	0.963904	0.450	0.000007	0.999984
0.205	0.006518	0.968204	0.455	0.000006	0.999986
0.210	0.005874	0.972029	0.460	0.000005	0.999989
0.215	0.005283	0.975426	0.465	0.000004	0.999991
0.220	0.004744	0.978437	0.470	0.000004	0.999992
0.225	0.004252	0.981102	0.475	0.000003	0.999994
0.230	0.003805	0.983457	0.480	0.000003	0.999995
0.235	0.003399	0.985534	0.485	0.000002	0.999996
0.240	0.003033	0.987365	0.490	0.000002	0.999996
0.245	0.002701	0.988975	0.495	0.000001	0.999997
0.250	0.002402	0.990391	0.500	0.000001	0.999998

TABLE XXVII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.350$ AND $i = 20$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003217	0.356580	0.255	0.001701	0.993329
0.010	0.006334	0.366552	0.260	0.001508	0.994199
0.015	0.009312	0.379197	0.265	0.001336	0.994960
0.020	0.012119	0.394037	0.270	0.001181	0.995626
0.025	0.014732	0.410731	0.275	0.001043	0.996207
0.030	0.017130	0.429014	0.280	0.000920	0.996714
0.035	0.019297	0.448664	0.285	0.000810	0.997157
0.040	0.021221	0.469487	0.290	0.000713	0.997542
0.045	0.022892	0.491300	0.295	0.000626	0.997877
0.050	0.024304	0.513923	0.300	0.000550	0.998168
0.055	0.025455	0.537179	0.305	0.000482	0.998421
0.060	0.026346	0.560893	0.310	0.000422	0.998640
0.065	0.026983	0.584885	0.315	0.000369	0.998830
0.070	0.027371	0.608979	0.320	0.000322	0.998994
0.075	0.027525	0.633004	0.325	0.000281	0.999137
0.080	0.027457	0.656792	0.330	0.000244	0.999259
0.085	0.027184	0.680184	0.335	0.000213	0.999366
0.090	0.026727	0.703035	0.340	0.000185	0.999457
0.095	0.026105	0.725212	0.345	0.000160	0.999536
0.100	0.025340	0.746599	0.350	0.000139	0.999604
0.105	0.024455	0.767099	0.355	0.000120	0.999662
0.110	0.023471	0.786631	0.360	0.000104	0.999712
0.115	0.022409	0.805136	0.365	0.000090	0.999755
0.120	0.021291	0.822573	0.370	0.000077	0.999792
0.125	0.020135	0.838916	0.375	0.000066	0.999823
0.130	0.018959	0.854160	0.380	0.000057	0.999850
0.135	0.017778	0.868309	0.385	0.000049	0.999873
0.140	0.016606	0.881386	0.390	0.000042	0.999892
0.145	0.015454	0.893420	0.395	0.000036	0.999909
0.150	0.014332	0.904450	0.400	0.000031	0.999923
0.155	0.013249	0.914524	0.405	0.000026	0.999935
0.160	0.012209	0.923691	0.410	0.000022	0.999946
0.165	0.011219	0.932007	0.415	0.000019	0.999954
0.170	0.010280	0.939528	0.420	0.000016	0.999962
0.175	0.009396	0.946310	0.425	0.000014	0.999968
0.180	0.008566	0.952410	0.430	0.000012	0.999973
0.185	0.007792	0.957882	0.435	0.000010	0.999978
0.190	0.007072	0.962781	0.440	0.000008	0.999981
0.195	0.006404	0.967157	0.445	0.000007	0.999984
0.200	0.005789	0.971057	0.450	0.000006	0.999987
0.205	0.005222	0.974527	0.455	0.000005	0.999989
0.210	0.004702	0.977610	0.460	0.000004	0.999991
0.215	0.004226	0.980343	0.465	0.000003	0.999993
0.220	0.003792	0.982762	0.470	0.000003	0.999994
0.225	0.003397	0.984900	0.475	0.000002	0.999995
0.230	0.003039	0.986789	0.480	0.000002	0.999996
0.235	0.002714	0.988452	0.485	0.000002	0.999997
0.240	0.002420	0.989917	0.490	0.000001	0.999997
0.245	0.002155	0.991205	0.495	0.000001	0.999998
0.250	0.001916	0.992337	0.500	0.000001	0.999998

TABLE XXVIII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.400$ AND $i = 20$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002965	0.406932	0.255	0.001376	0.994605
0.010	0.005826	0.417398	0.260	0.001220	0.995309
0.015	0.008541	0.430605	0.265	0.001080	0.995925
0.020	0.011080	0.446012	0.270	0.000955	0.996464
0.025	0.013419	0.463224	0.275	0.000843	0.996934
0.030	0.015542	0.481932	0.280	0.000744	0.997344
0.035	0.017434	0.501876	0.285	0.000655	0.997702
0.040	0.019087	0.522827	0.290	0.000576	0.998013
0.045	0.020494	0.544574	0.295	0.000506	0.998284
0.050	0.021654	0.566916	0.300	0.000444	0.998520
0.055	0.022569	0.589662	0.305	0.000389	0.998724
0.060	0.023243	0.612625	0.310	0.000341	0.998901
0.065	0.023684	0.635627	0.315	0.000298	0.999055
0.070	0.023905	0.658496	0.320	0.000260	0.999188
0.075	0.023920	0.681071	0.325	0.000227	0.999303
0.080	0.023744	0.703204	0.330	0.000197	0.999402
0.085	0.023396	0.724759	0.335	0.000172	0.999488
0.090	0.022895	0.745616	0.340	0.000149	0.999561
0.095	0.022261	0.765673	0.345	0.000129	0.999625
0.100	0.021515	0.784845	0.350	0.000112	0.999680
0.105	0.020678	0.803067	0.355	0.000097	0.999727
0.110	0.019768	0.820290	0.360	0.000084	0.999767
0.115	0.018805	0.836483	0.365	0.000072	0.999802
0.120	0.017804	0.851631	0.370	0.000062	0.999832
0.125	0.016783	0.865735	0.375	0.000054	0.999857
0.130	0.015755	0.878807	0.380	0.000046	0.999879
0.135	0.014732	0.890871	0.385	0.000040	0.999897
0.140	0.013726	0.901960	0.390	0.000034	0.999913
0.145	0.012743	0.912115	0.395	0.000029	0.999927
0.150	0.011793	0.921381	0.400	0.000025	0.999938
0.155	0.010880	0.929809	0.405	0.000021	0.999948
0.160	0.010008	0.937448	0.410	0.000018	0.999956
0.165	0.009181	0.944355	0.415	0.000015	0.999963
0.170	0.008401	0.950582	0.420	0.000013	0.999969
0.175	0.007668	0.956182	0.425	0.000011	0.999974
0.180	0.006983	0.961207	0.430	0.000009	0.999978
0.185	0.006345	0.965704	0.435	0.000008	0.999982
0.190	0.005753	0.969722	0.440	0.000007	0.999985
0.195	0.005206	0.973304	0.445	0.000006	0.999987
0.200	0.004702	0.976492	0.450	0.000005	0.999989
0.205	0.004238	0.979325	0.455	0.000004	0.999991
0.210	0.003814	0.981837	0.460	0.000003	0.999993
0.215	0.003427	0.984063	0.465	0.000003	0.999994
0.220	0.003073	0.986031	0.470	0.000002	0.999995
0.225	0.002752	0.987769	0.475	0.000002	0.999996
0.230	0.002461	0.989302	0.480	0.000002	0.999997
0.235	0.002197	0.990652	0.485	0.000001	0.999997
0.240	0.001958	0.991840	0.490	0.000001	0.999998
0.245	0.001743	0.992885	0.495	0.000001	0.999998
0.250	0.001550	0.993801	0.500	0.000001	0.999998

TABLE XXIX

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.450$ AND $i = 20$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002714	0.457138	0.255	0.001122	0.995600
C.C10	0.005321	0.467877	0.260	0.000995	0.996175
C.C15	0.007780	0.481361	0.265	0.000881	0.996677
C.C20	0.010060	0.496999	0.270	0.000778	0.997117
C.C25	0.012141	0.514352	0.275	0.000687	0.997501
C.C30	0.014008	0.533074	0.280	0.000606	0.997835
C.C35	0.015649	0.552876	0.285	0.000534	0.998127
C.C40	0.017060	0.573505	0.290	0.000470	0.998381
C.C45	0.018237	0.594732	0.295	0.000413	0.998602
C.C50	0.019183	0.616348	0.300	0.000362	0.998793
C.C55	0.019902	0.638154	0.305	0.000317	0.998960
C.C60	0.020402	0.659968	0.310	0.000278	0.999104
C.C65	0.020695	0.681620	0.315	0.000243	0.999230
C.C70	0.020793	0.702952	0.320	0.000212	0.999338
C.C75	0.020713	0.723821	0.325	0.000185	0.999432
C.C80	0.020472	0.744102	0.330	0.000161	0.999513
C.C85	0.020087	0.763684	0.335	0.000140	0.999582
C.C90	0.019577	0.782477	0.340	0.000122	0.999643
C.C95	0.018961	0.800406	0.345	0.000105	0.999694
C.100	0.018259	0.817414	0.350	0.000091	0.999739
C.105	0.017486	0.833463	0.355	0.000079	0.999777
C.110	0.016662	0.848528	0.360	0.000068	0.999810
C.115	0.015801	0.862603	0.365	0.000059	0.999839
C.120	0.014917	0.875691	0.370	0.000051	0.999863
C.125	0.014024	0.887809	0.375	0.000044	0.999883
C.130	0.013132	0.898983	0.380	0.000038	0.999901
C.135	0.012252	0.909246	0.385	0.000032	0.999916
C.140	0.011391	0.918638	0.390	0.000028	0.999929
C.145	0.010555	0.927205	0.395	0.000024	0.999940
C.150	0.009751	0.934993	0.400	0.000020	0.999950
C.155	0.008982	0.942053	0.405	0.000017	0.999957
C.160	0.008250	0.948435	0.410	0.000015	0.999964
C.165	0.007559	0.954188	0.415	0.000012	0.999970
C.170	0.006908	0.959362	0.420	0.000011	0.999975
C.175	0.006299	0.964005	0.425	0.000009	0.999979
C.180	0.005731	0.968162	0.430	0.000008	0.999982
C.185	0.005203	0.971877	0.435	0.000006	0.999985
C.190	0.004714	0.975190	0.440	0.000005	0.999988
C.195	0.004263	0.978140	0.445	0.000005	0.999990
C.200	0.003848	0.980762	0.450	0.000004	0.999991
C.205	0.003467	0.983089	0.455	0.000003	0.999993
C.210	0.003118	0.985151	0.460	0.000003	0.999994
C.215	0.002800	0.986975	0.465	0.000002	0.999995
C.220	0.002511	0.988588	0.470	0.000002	0.999996
C.225	0.002248	0.990011	0.475	0.000002	0.999997
C.230	0.002009	0.991266	0.480	0.000001	0.999997
C.235	0.001793	0.992370	0.485	0.000001	0.999998
C.240	0.001598	0.993341	0.490	0.000001	0.999998
C.245	0.001422	0.994195	0.495	0.000001	0.999998
C.250	0.001264	0.994943	0.500	0.000001	0.999999

TABLE XXX

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.500$ AND $i = 20$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002464	0.507200	0.255	0.000919	0.996397
0.010	0.004820	0.517992	0.260	0.000814	0.996868
0.015	0.007028	0.531478	0.265	0.000721	0.997280
0.020	0.009059	0.547027	0.270	0.000637	0.997640
0.025	0.010896	0.564168	0.275	0.000563	0.997954
0.030	0.012524	0.582529	0.280	0.000496	0.998228
0.035	0.013937	0.601800	0.285	0.000437	0.998467
0.040	0.015131	0.621716	0.290	0.000384	0.998675
0.045	0.016108	0.642041	0.295	0.000338	0.998856
0.050	0.016872	0.662565	0.300	0.000296	0.999013
0.055	0.017430	0.683095	0.305	0.000260	0.999149
0.060	0.017792	0.703459	0.310	0.000227	0.999267
0.065	0.017972	0.723502	0.315	0.000199	0.999370
0.070	0.017984	0.743085	0.320	0.000173	0.999458
0.075	0.017843	0.762089	0.325	0.000151	0.999535
0.080	0.017567	0.780412	0.330	0.000132	0.999601
0.085	0.017173	0.797970	0.335	0.000114	0.999658
0.090	0.016677	0.814698	0.340	0.000099	0.999708
0.095	0.016098	0.830546	0.345	0.000086	0.999750
0.100	0.015452	0.845482	0.350	0.000075	0.999787
0.105	0.014754	0.859487	0.355	0.000065	0.999818
0.110	0.014019	0.872559	0.360	0.000056	0.999845
0.115	0.013259	0.884704	0.365	0.000048	0.999868
0.120	0.012487	0.895941	0.370	0.000042	0.999888
0.125	0.011713	0.906296	0.375	0.000036	0.999905
0.130	0.010946	0.915803	0.380	0.000031	0.999919
0.135	0.010192	0.924501	0.385	0.000026	0.999932
0.140	0.009460	0.932432	0.390	0.000023	0.999942
0.145	0.008752	0.939642	0.395	0.000019	0.999951
0.150	0.008074	0.946177	0.400	0.000017	0.999959
0.155	0.007427	0.952084	0.405	0.000014	0.999965
0.160	0.006814	0.957411	0.410	0.000012	0.999971
0.165	0.006237	0.962202	0.415	0.000010	0.999975
0.170	0.005694	0.966503	0.420	0.000009	0.999979
0.175	0.005188	0.970355	0.425	0.000007	0.999983
0.180	0.004716	0.973799	0.430	0.000006	0.999986
0.185	0.004279	0.976872	0.435	0.000005	0.999988
0.190	0.003874	0.979609	0.440	0.000004	0.999990
0.195	0.003502	0.982043	0.445	0.000004	0.999992
0.200	0.003159	0.984204	0.450	0.000003	0.999993
0.205	0.002845	0.986121	0.455	0.000003	0.999994
0.210	0.002558	0.987818	0.460	0.000002	0.999995
0.215	0.002297	0.989318	0.465	0.000002	0.999996
0.220	0.002058	0.990643	0.470	0.000002	0.999997
0.225	0.001842	0.991812	0.475	0.000001	0.999997
0.230	0.001646	0.992842	0.480	0.000001	0.999998
0.235	0.001469	0.993749	0.485	0.000001	0.999998
0.240	0.001309	0.994545	0.490	0.000001	0.999998
0.245	0.001165	0.995245	0.495	0.000001	0.999999
0.250	0.001035	0.995859	0.500	0.000001	0.999999

TABLE XXXI

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.050$ AND $i = 30$

P	AOQ	AFI	P	AOQ	AFI
C.005	0.004741	0.051894	0.255	0.000922	0.996382
C.010	0.009446	0.055360	0.260	0.000764	0.997061
C.015	0.014098	0.060164	0.265	0.000632	0.997615
C.020	0.018675	0.066251	0.270	0.000522	0.998068
C.025	0.023159	0.073658	0.275	0.000430	0.998436
C.030	0.027526	0.082480	0.280	0.000354	0.998737
C.035	0.031750	0.092848	0.285	0.000291	0.998981
C.040	0.035803	0.104923	0.290	0.000238	0.999179
C.045	0.039650	0.118884	0.295	0.000195	0.999339
C.050	0.043254	0.134924	0.300	0.000159	0.999469
C.055	0.046572	0.153238	0.305	0.000130	0.999574
C.060	0.049559	0.174016	0.310	0.000106	0.999659
C.065	0.052167	0.197425	0.315	0.000086	0.999727
C.070	0.054348	0.223595	0.320	0.000070	0.999782
C.075	0.056055	0.252601	0.325	0.000056	0.999826
C.080	0.057244	0.284446	0.330	0.000046	0.999862
C.085	0.057882	0.319038	0.335	0.000037	0.999890
C.090	0.057944	0.356181	0.340	0.000030	0.999913
C.095	0.057422	0.395563	0.345	0.000024	0.999931
C.100	0.056324	0.436756	0.350	0.000019	0.999945
C.105	0.054681	0.479232	0.355	0.000015	0.999957
C.110	0.052538	0.522382	0.360	0.000012	0.999966
C.115	0.049962	0.566549	0.365	0.000010	0.999973
C.120	0.047032	0.608067	0.370	0.000008	0.999979
C.125	0.043837	0.649305	0.375	0.000006	0.999984
C.130	0.040469	0.688699	0.380	0.000005	0.999987
C.135	0.037019	0.725783	0.385	0.000004	0.999990
C.140	0.033571	0.760207	0.390	0.000003	0.999992
C.145	0.030197	0.791745	0.395	0.000002	0.999994
C.150	0.026957	0.820286	0.400	0.000002	0.999995
C.155	0.023897	0.845827	0.405	0.000001	0.999996
C.160	0.021048	0.868449	0.410	0.000001	0.999997
C.165	0.018430	0.888302	0.415	0.000001	0.999998
C.170	0.016052	0.905579	0.420	0.000001	0.999998
C.175	0.013912	0.920505	0.425	0.000001	0.999999
C.180	0.012004	0.933314	0.430	0.000000	0.999999
C.185	0.010315	0.944242	0.435	0.000000	0.999999
C.190	0.008832	0.953518	0.440	0.000000	0.999999
C.195	0.007536	0.961356	0.445	0.000000	1.000000
C.200	0.006410	0.967951	0.450	0.000000	1.000000
C.205	0.005436	0.973481	0.455	0.000000	1.000000
C.210	0.004599	0.978102	0.460	0.000000	1.000000
C.215	0.003880	0.981954	0.465	0.000000	1.000000
C.220	0.003266	0.985155	0.470	0.000000	1.000000
C.225	0.002743	0.987810	0.475	0.000000	1.000000
C.230	0.002299	0.990006	0.480	0.000000	1.000000
C.235	0.001922	0.991820	0.485	0.000000	1.000000
C.240	0.001605	0.993314	0.490	0.000000	1.000000
C.245	0.001337	0.994544	0.495	0.000000	1.000000
C.250	0.001111	0.995554	0.500	0.000000	1.000000

TABLE XXXII

AOQ AND AFI VALUES FOR CSP-3

 $f = 0.100$ AND $i = 30$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.004482	0.103582	0.255	0.000438	0.998283
0.010	0.008899	0.110099	0.260	0.000363	0.998605
0.015	0.013214	0.119054	0.265	0.000300	0.998869
0.020	0.017395	0.130273	0.270	0.000247	0.999084
0.025	0.021407	0.143737	0.275	0.000204	0.999259
0.030	0.025215	0.159507	0.280	0.000168	0.999401
0.035	0.028781	0.177682	0.285	0.000138	0.999517
0.040	0.032065	0.198376	0.290	0.000113	0.999611
0.045	0.035024	0.221692	0.295	0.000092	0.999687
0.050	0.037615	0.247704	0.300	0.000075	0.999749
0.055	0.039796	0.276436	0.305	0.000062	0.999798
0.060	0.041529	0.307845	0.310	0.000050	0.999838
0.065	0.042783	0.341807	0.315	0.000041	0.999871
0.070	0.043533	0.378099	0.320	0.000033	0.999897
0.075	0.043770	0.416399	0.325	0.000027	0.999918
0.080	0.043497	0.456287	0.330	0.000022	0.999935
0.085	0.042733	0.497255	0.335	0.000017	0.999948
0.090	0.041514	0.538732	0.340	0.000014	0.999959
0.095	0.039890	0.580110	0.345	0.000011	0.999967
0.100	0.037922	0.620784	0.350	0.000009	0.999974
0.105	0.035681	0.660180	0.355	0.000007	0.999980
0.110	0.033243	0.697791	0.360	0.000006	0.999984
0.115	0.030682	0.733201	0.365	0.000005	0.999987
0.120	0.028068	0.766098	0.370	0.000004	0.999990
0.125	0.025465	0.795279	0.375	0.000003	0.999992
0.130	0.022926	0.823648	0.380	0.000002	0.999994
0.135	0.020493	0.848199	0.385	0.000002	0.999995
0.140	0.018199	0.870008	0.390	0.000001	0.999996
0.145	0.016065	0.889209	0.395	0.000001	0.999997
0.150	0.014103	0.905979	0.400	0.000001	0.999998
0.155	0.012319	0.920521	0.405	0.000001	0.999998
0.160	0.010712	0.933051	0.410	0.000001	0.999999
0.165	0.009275	0.943785	0.415	0.000000	0.999999
0.170	0.008001	0.952935	0.420	0.000000	0.999999
0.175	0.006878	0.960700	0.425	0.000000	0.999999
0.180	0.005893	0.967263	0.430	0.000000	1.000000
0.185	0.005034	0.972790	0.435	0.000000	1.000000
0.190	0.004288	0.977430	0.440	0.000000	1.000000
0.195	0.003644	0.981315	0.445	0.000000	1.000000
0.200	0.003088	0.984558	0.450	0.000000	1.000000
0.205	0.002612	0.987260	0.455	0.000000	1.000000
0.210	0.002204	0.989507	0.460	0.000000	1.000000
0.215	0.001855	0.991370	0.465	0.000000	1.000000
0.220	0.001559	0.992913	0.470	0.000000	1.000000
0.225	0.001308	0.994188	0.475	0.000000	1.000000
0.230	0.001095	0.995241	0.480	0.000000	1.000000
0.235	0.000915	0.996108	0.485	0.000000	1.000000
0.240	0.000763	0.996822	0.490	0.000000	1.000000
0.245	0.000635	0.997408	0.495	0.000000	1.000000
0.250	0.000528	0.997889	0.500	0.000000	1.000000

TABLE XXXIII
 AOQ AND AFI VALUES FOR CSP-3
 $f = 0.150$ AND $i = 30$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004225	0.155064	0.255	0.000276	0.998918
C.C10	0.008358	0.164227	0.260	0.000228	0.999122
C.C15	0.012349	0.175710	0.265	0.000189	0.999287
C.C20	0.016156	0.192178	0.270	0.000156	0.999423
C.C25	0.019738	0.210491	0.275	0.000128	0.999533
C.C30	0.023052	0.231603	0.280	0.000106	0.999623
C.C35	0.026058	0.255497	0.285	0.000087	0.999696
C.C40	0.028714	0.282145	0.290	0.000071	0.999755
C.C45	0.030983	0.311480	0.295	0.000058	0.999803
C.C50	0.032831	0.343379	0.300	0.000048	0.999842
C.C55	0.034230	0.377637	0.305	0.000039	0.999873
C.C60	0.035162	0.413957	0.310	0.000032	0.999898
C.C65	0.035621	0.451991	0.315	0.000026	0.999919
C.C70	0.035612	0.491250	0.320	0.000021	0.999935
C.C75	0.035158	0.531222	0.325	0.000017	0.999948
C.C80	0.034293	0.571341	0.330	0.000014	0.999959
C.C85	0.033062	0.611030	0.335	0.000011	0.999967
C.C90	0.031524	0.649732	0.340	0.000009	0.999974
C.C95	0.029741	0.686939	0.345	0.000007	0.999979
C.100	0.027778	0.722220	0.350	0.000006	0.999984
C.105	0.025701	0.755233	0.355	0.000005	0.999987
C.110	0.023569	0.785738	0.360	0.000004	0.999990
C.115	0.021436	0.813596	0.365	0.000003	0.999992
C.120	0.019349	0.839760	0.370	0.000002	0.999994
C.125	0.017342	0.861264	0.375	0.000002	0.999995
C.130	0.015443	0.881204	0.380	0.000001	0.999996
C.135	0.013672	0.898728	0.385	0.000001	0.999997
C.140	0.012038	0.914013	0.390	0.000001	0.999998
C.145	0.010548	0.927258	0.395	0.000001	0.999998
C.150	0.009200	0.938666	0.400	0.000001	0.999999
C.155	0.007992	0.948440	0.405	0.000000	0.999999
C.160	0.006916	0.956775	0.410	0.000000	0.999999
C.165	0.005964	0.963853	0.415	0.000000	0.999999
C.170	0.005127	0.969841	0.420	0.000000	0.999999
C.175	0.004394	0.974890	0.425	0.000000	1.000000
C.180	0.003756	0.979135	0.430	0.000000	1.000000
C.185	0.003202	0.982693	0.435	0.000000	1.000000
C.190	0.002723	0.985670	0.440	0.000000	1.000000
C.195	0.002310	0.988153	0.445	0.000000	1.000000
C.200	0.001956	0.990222	0.450	0.000000	1.000000
C.205	0.001652	0.991941	0.455	0.000000	1.000000
C.210	0.001393	0.993367	0.460	0.000000	1.000000
C.215	0.001172	0.994549	0.465	0.000000	1.000000
C.220	0.000984	0.995526	0.470	0.000000	1.000000
C.225	0.000825	0.996333	0.475	0.000000	1.000000
C.230	0.000690	0.996998	0.480	0.000000	1.000000
C.235	0.000577	0.997546	0.485	0.000000	1.000000
C.240	0.000481	0.997997	0.490	0.000000	1.000000
C.245	0.000400	0.998367	0.495	0.000000	1.000000
C.250	0.000333	0.998670	0.500	0.000000	1.000000

TABLE XXXIV
AOQ AND AFI VALUES FOR CSP-3
f = 0.200 AND i = 30

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003968	0.206343	0.255	0.000195	0.999236
C.C10	0.007822	0.217754	0.260	0.000161	0.999380
C.C15	0.011502	0.233171	0.265	0.000133	0.999497
C.C20	0.014959	0.252068	0.270	0.000110	0.999593
C.C25	0.018146	0.274152	0.275	0.000091	0.999670
C.C30	0.021023	0.299229	0.280	0.000075	0.999734
C.C35	0.023550	0.327129	0.285	0.000061	0.999785
C.C40	0.025694	0.357658	0.290	0.000050	0.999827
C.C45	0.027424	0.390574	0.295	0.000041	0.999861
C.C50	0.028722	0.425566	0.300	0.000034	0.999888
C.C55	0.029576	0.462252	0.305	0.000027	0.999910
C.C60	0.029989	0.500179	0.310	0.000022	0.999928
C.C65	0.029975	0.538841	0.315	0.000018	0.999943
C.C70	0.029562	0.577692	0.320	0.000015	0.999954
C.C75	0.028787	0.616178	0.325	0.000012	0.999963
C.C80	0.027699	0.653765	0.330	0.000010	0.999971
C.C85	0.026353	0.689964	0.335	0.000008	0.999977
C.C90	0.024808	0.724355	0.340	0.000006	0.999982
C.C95	0.023123	0.756605	0.345	0.000005	0.999985
C.100	0.021353	0.786475	0.350	0.000004	0.999988
C.105	0.019549	0.813820	0.355	0.000003	0.999991
C.110	0.017756	0.838584	0.360	0.000003	0.999993
C.115	0.016009	0.860789	0.365	0.000002	0.999994
C.120	0.014338	0.880517	0.370	0.000002	0.999996
C.125	0.012762	0.897902	0.375	0.000001	0.999997
C.130	0.011296	0.913108	0.380	0.000001	0.999997
C.135	0.009947	0.926319	0.385	0.000001	0.999998
C.140	0.008719	0.937729	0.390	0.000001	0.999998
C.145	0.007608	0.947530	0.395	0.000001	0.999999
C.150	0.006613	0.955910	0.400	0.000000	0.999999
C.155	0.005728	0.963044	0.405	0.000000	0.999999
C.160	0.004945	0.969095	0.410	0.000000	0.999999
C.165	0.004255	0.974210	0.415	0.000000	1.000000
C.170	0.003651	0.978521	0.420	0.000000	1.000000
C.175	0.003125	0.982143	0.425	0.000000	1.000000
C.180	0.002668	0.985181	0.430	0.000000	1.000000
C.185	0.002272	0.987721	0.435	0.000000	1.000000
C.190	0.001930	0.989842	0.440	0.000000	1.000000
C.195	0.001636	0.991608	0.445	0.000000	1.000000
C.200	0.001384	0.993078	0.450	0.000000	1.000000
C.205	0.001169	0.994298	0.455	0.000000	1.000000
C.210	0.000985	0.995309	0.460	0.000000	1.000000
C.215	0.000829	0.996146	0.465	0.000000	1.000000
C.220	0.000696	0.996838	0.470	0.000000	1.000000
C.225	0.000583	0.997409	0.475	0.000000	1.000000
C.230	0.000488	0.997879	0.480	0.000000	1.000000
C.235	0.000407	0.998267	0.485	0.000000	1.000000
C.240	0.000340	0.998585	0.490	0.000000	1.000000
C.245	0.000283	0.998846	0.495	0.000000	1.000000
C.250	0.000235	0.999061	0.500	0.000000	1.000000

TABLE XXXV

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.250$ AND $i = 30$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003713	0.257418	0.255	0.000146	0.999427
C.C10	0.007293	0.270691	0.260	0.000121	0.999535
C.C15	0.010673	0.288474	0.265	0.000100	0.999623
C.C20	0.013799	0.310040	0.270	0.000083	0.999694
C.C25	0.016627	0.334928	0.275	0.000068	0.999753
C.C30	0.019116	0.362786	0.280	0.000056	0.999800
C.C35	0.021235	0.393287	0.285	0.000046	0.999839
C.C40	0.022957	0.426081	0.290	0.000038	0.999870
C.C45	0.024265	0.460775	0.295	0.000031	0.999896
C.C50	0.025154	0.496929	0.300	0.000025	0.999916
C.C55	0.025627	0.534047	0.305	0.000021	0.999933
C.C60	0.025704	0.571604	0.310	0.000017	0.999946
C.C65	0.025411	0.609059	0.315	0.000014	0.999957
C.C70	0.024788	0.645882	0.320	0.000011	0.999966
C.C75	0.023882	0.681579	0.325	0.000009	0.999973
C.C80	0.022743	0.715717	0.330	0.000007	0.999978
C.C85	0.021425	0.747936	0.335	0.000006	0.999983
C.C90	0.019983	0.777966	0.340	0.000005	0.999986
C.C95	0.018465	0.805626	0.345	0.000004	0.999989
C.100	0.016917	0.830825	0.350	0.000003	0.999991
C.105	0.015377	0.853548	0.355	0.000002	0.999993
C.110	0.013877	0.873847	0.360	0.000002	0.999995
C.115	0.012440	0.891827	0.365	0.000002	0.999996
C.120	0.011085	0.907629	0.370	0.000001	0.999997
C.125	0.009822	0.921421	0.375	0.000001	0.999997
C.130	0.008660	0.933384	0.380	0.000001	0.999998
C.135	0.007600	0.943702	0.385	0.000001	0.999998
C.140	0.006642	0.952558	0.390	0.000000	0.999999
C.145	0.005782	0.960125	0.395	0.000000	0.999999
C.150	0.005015	0.966564	0.400	0.000000	0.999999
C.155	0.004336	0.972025	0.405	0.000000	0.999999
C.160	0.003737	0.976641	0.410	0.000000	1.000000
C.165	0.003212	0.980532	0.415	0.000000	1.000000
C.170	0.002753	0.983804	0.420	0.000000	1.000000
C.175	0.002354	0.986548	0.425	0.000000	1.000000
C.180	0.002008	0.988844	0.430	0.000000	1.000000
C.185	0.001709	0.990762	0.435	0.000000	1.000000
C.190	0.001451	0.992362	0.440	0.000000	1.000000
C.195	0.001230	0.993693	0.445	0.000000	1.000000
C.200	0.001040	0.994799	0.450	0.000000	1.000000
C.205	0.000878	0.995717	0.455	0.000000	1.000000
C.210	0.000740	0.996478	0.460	0.000000	1.000000
C.215	0.000622	0.997107	0.465	0.000000	1.000000
C.220	0.000522	0.997626	0.470	0.000000	1.000000
C.225	0.000438	0.998055	0.475	0.000000	1.000000
C.230	0.000366	0.998409	0.480	0.000000	1.000000
C.235	0.000306	0.998699	0.485	0.000000	1.000000
C.240	0.000255	0.998938	0.490	0.000000	1.000000
C.245	0.000212	0.999135	0.495	0.000000	1.000000
C.250	0.000176	0.999295	0.500	0.000000	1.000000

TABLE XXXVI
 AOQ AND AFI VALUES FOR CSP-3
 $f = 0.300$ AND $i = 30$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003459	0.308292	0.255	0.000114	0.999554
0.010	0.006770	0.323046	0.260	0.000094	0.999638
0.015	0.009860	0.342653	0.265	0.000078	0.999706
0.020	0.012676	0.366185	0.270	0.000064	0.999762
0.025	0.015175	0.393013	0.275	0.000053	0.999808
0.030	0.017321	0.422632	0.280	0.000043	0.999845
0.035	0.019090	0.454575	0.285	0.000036	0.999875
0.040	0.020465	0.488366	0.290	0.000029	0.999899
0.045	0.021442	0.523507	0.295	0.000024	0.999919
0.050	0.022026	0.559475	0.300	0.000020	0.999935
0.055	0.022235	0.595733	0.305	0.000016	0.999948
0.060	0.022095	0.631746	0.310	0.000013	0.999958
0.065	0.021645	0.667006	0.315	0.000011	0.999966
0.070	0.020927	0.701050	0.320	0.000009	0.999973
0.075	0.019989	0.733481	0.325	0.000007	0.999979
0.080	0.018882	0.763980	0.330	0.000006	0.999983
0.085	0.017653	0.792317	0.335	0.000005	0.999986
0.090	0.016349	0.818343	0.340	0.000004	0.999989
0.095	0.015010	0.841996	0.345	0.000003	0.999992
0.100	0.013672	0.863280	0.350	0.000002	0.999993
0.105	0.012363	0.882261	0.355	0.000002	0.999995
0.110	0.011104	0.899051	0.360	0.000002	0.999996
0.115	0.009914	0.913793	0.365	0.000001	0.999997
0.120	0.008802	0.926650	0.370	0.000001	0.999997
0.125	0.007775	0.937797	0.375	0.000001	0.999998
0.130	0.006837	0.947409	0.380	0.000001	0.999998
0.135	0.005986	0.955658	0.385	0.000000	0.999999
0.140	0.005221	0.962707	0.390	0.000000	0.999999
0.145	0.004537	0.968708	0.395	0.000000	0.999999
0.150	0.003930	0.973800	0.400	0.000000	0.999999
0.155	0.003394	0.978105	0.405	0.000000	1.000000
0.160	0.002922	0.981737	0.410	0.000000	1.000000
0.165	0.002509	0.984793	0.415	0.000000	1.000000
0.170	0.002149	0.987357	0.420	0.000000	1.000000
0.175	0.001837	0.989506	0.425	0.000000	1.000000
0.180	0.001566	0.991302	0.430	0.000000	1.000000
0.185	0.001332	0.992800	0.435	0.000000	1.000000
0.190	0.001131	0.994049	0.440	0.000000	1.000000
0.195	0.000958	0.995088	0.445	0.000000	1.000000
0.200	0.000810	0.995950	0.450	0.000000	1.000000
0.205	0.000684	0.996666	0.455	0.000000	1.000000
0.210	0.000576	0.997258	0.460	0.000000	1.000000
0.215	0.000484	0.997748	0.465	0.000000	1.000000
0.220	0.000406	0.998153	0.470	0.000000	1.000000
0.225	0.000340	0.998487	0.475	0.000000	1.000000
0.230	0.000285	0.998762	0.480	0.000000	1.000000
0.235	0.000238	0.998988	0.485	0.000000	1.000000
0.240	0.000198	0.999174	0.490	0.000000	1.000000
0.245	0.000165	0.999327	0.495	0.000000	1.000000
0.250	0.000137	0.999452	0.500	0.000000	1.000000

TABLE XXXVII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.350$ AND $i = 30$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003205	0.358965	0.255	0.000090	0.999645
C.C10	0.006252	0.374831	0.260	0.000075	0.999712
C.C15	0.009064	0.395743	0.265	0.000062	0.999766
C.C20	0.011588	0.420588	0.270	0.000051	0.999811
C.C25	0.013785	0.448581	0.275	0.000042	0.999847
C.C30	0.015628	0.479083	0.280	0.000035	0.999876
C.C35	0.017097	0.511512	0.285	0.000028	0.999900
C.C40	0.018188	0.545304	0.290	0.000023	0.999920
C.C45	0.018905	0.579898	0.295	0.000019	0.999935
C.C50	0.019263	0.614742	0.300	0.000016	0.999948
C.C55	0.019288	0.649302	0.305	0.000013	0.999958
C.C60	0.019015	0.683082	0.310	0.000010	0.999967
C.C65	0.018483	0.715639	0.315	0.000008	0.999973
C.C70	0.017738	0.746600	0.320	0.000007	0.999979
C.C75	0.016825	0.775671	0.325	0.000006	0.999983
C.C80	0.015789	0.802641	0.330	0.000004	0.999986
C.C85	0.014672	0.827385	0.335	0.000004	0.999989
C.C90	0.013514	0.849850	0.340	0.000003	0.999991
C.C95	0.012345	0.870051	0.345	0.000002	0.999993
C.100	0.011194	0.888059	0.350	0.000002	0.999995
C.105	0.010082	0.903983	0.355	0.000002	0.999996
C.110	0.009024	0.917963	0.360	0.000001	0.999997
C.115	0.008032	0.930158	0.365	0.000001	0.999997
C.120	0.007112	0.940732	0.370	0.000001	0.999998
C.125	0.006268	0.949855	0.375	0.000001	0.999998
C.130	0.005501	0.957688	0.380	0.000000	0.999999
C.135	0.004808	0.964385	0.385	0.000000	0.999999
C.140	0.004187	0.970091	0.390	0.000000	0.999999
C.145	0.003635	0.974934	0.395	0.000000	0.999999
C.150	0.003145	0.979034	0.400	0.000000	1.000000
C.155	0.002713	0.982496	0.405	0.000000	1.000000
C.160	0.002334	0.985410	0.410	0.000000	1.000000
C.165	0.002003	0.987858	0.415	0.000000	1.000000
C.170	0.001715	0.989911	0.420	0.000000	1.000000
C.175	0.001465	0.991629	0.425	0.000000	1.000000
C.180	0.001248	0.993064	0.430	0.000000	1.000000
C.185	0.001062	0.994261	0.435	0.000000	1.000000
C.190	0.000901	0.995258	0.440	0.000000	1.000000
C.195	0.000763	0.996086	0.445	0.000000	1.000000
C.200	0.000645	0.996774	0.450	0.000000	1.000000
C.205	0.000544	0.997344	0.455	0.000000	1.000000
C.210	0.000459	0.997816	0.460	0.000000	1.000000
C.215	0.000386	0.998207	0.465	0.000000	1.000000
C.220	0.000324	0.998529	0.470	0.000000	1.000000
C.225	0.000271	0.998795	0.475	0.000000	1.000000
C.230	0.000227	0.999014	0.480	0.000000	1.000000
C.235	0.000189	0.999194	0.485	0.000000	1.000000
C.240	0.000158	0.999343	0.490	0.000000	1.000000
C.245	0.000131	0.999464	0.495	0.000000	1.000000
C.250	0.000109	0.999564	0.500	0.000000	1.000000

TABLE XXXVIII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.400$ AND $i = 30$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002953	0.409439	0.255	0.000073	0.999713
0.010	0.005739	0.426053	0.260	0.000061	0.999767
0.015	0.008283	0.447776	0.265	0.000050	0.999811
0.020	0.010533	0.473529	0.270	0.000041	0.999847
0.025	0.012455	0.501792	0.275	0.000034	0.999876
0.030	0.014027	0.532419	0.280	0.000028	0.999900
0.035	0.015241	0.564545	0.285	0.000023	0.999919
0.040	0.016098	0.597555	0.290	0.000019	0.999935
0.045	0.016611	0.630865	0.295	0.000015	0.999948
0.050	0.016803	0.663931	0.300	0.000013	0.999958
0.055	0.016706	0.696259	0.305	0.000010	0.999966
0.060	0.016355	0.727415	0.310	0.000008	0.999973
0.065	0.015793	0.757038	0.315	0.000007	0.999978
0.070	0.015061	0.784846	0.320	0.000006	0.999983
0.075	0.014202	0.810642	0.325	0.000004	0.999986
0.080	0.013256	0.834306	0.330	0.000004	0.999989
0.085	0.012258	0.855793	0.335	0.000003	0.999991
0.090	0.011239	0.875119	0.340	0.000002	0.999993
0.095	0.010227	0.892351	0.345	0.000002	0.999995
0.100	0.009240	0.907597	0.350	0.000002	0.999996
0.105	0.008296	0.920989	0.355	0.000001	0.999997
0.110	0.007406	0.932677	0.360	0.000001	0.999997
0.115	0.006576	0.942821	0.365	0.000001	0.999998
0.120	0.005811	0.951578	0.370	0.000001	0.999998
0.125	0.005112	0.959104	0.375	0.000000	0.999999
0.130	0.004479	0.965544	0.380	0.000000	0.999999
0.135	0.003910	0.971036	0.385	0.000000	0.999999
0.140	0.003402	0.975703	0.390	0.000000	0.999999
0.145	0.002950	0.979657	0.395	0.000000	1.000000
0.150	0.002550	0.982998	0.400	0.000000	1.000000
0.155	0.002199	0.985814	0.405	0.000000	1.000000
0.160	0.001891	0.988183	0.410	0.000000	1.000000
0.165	0.001622	0.990170	0.415	0.000000	1.000000
0.170	0.001388	0.991836	0.420	0.000000	1.000000
0.175	0.001185	0.993228	0.425	0.000000	1.000000
0.180	0.001010	0.994391	0.430	0.000000	1.000000
0.185	0.000858	0.995360	0.435	0.000000	1.000000
0.190	0.000728	0.996166	0.440	0.000000	1.000000
0.195	0.000617	0.996837	0.445	0.000000	1.000000
0.200	0.000521	0.997393	0.450	0.000000	1.000000
0.205	0.000440	0.997854	0.455	0.000000	1.000000
0.210	0.000371	0.998236	0.460	0.000000	1.000000
0.215	0.000311	0.998551	0.465	0.000000	1.000000
0.220	0.000261	0.998812	0.470	0.000000	1.000000
0.225	0.000219	0.999027	0.475	0.000000	1.000000
0.230	0.000183	0.999204	0.480	0.000000	1.000000
0.235	0.000153	0.999349	0.485	0.000000	1.000000
0.240	0.000127	0.999469	0.490	0.000000	1.000000
0.245	0.000106	0.999567	0.495	0.000000	1.000000
0.250	0.000088	0.999648	0.500	0.000000	1.000000

TABLE XXXIX
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.450$ AND $i = 30$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002701	0.459715	0.255	0.000060	0.999766
0.010	0.005233	0.476722	0.260	0.000049	0.999810
0.015	0.007518	0.498784	0.265	0.000041	0.999846
0.020	0.009510	0.524483	0.270	0.000034	0.999875
0.025	0.011180	0.552793	0.275	0.000028	0.999899
0.030	0.012513	0.582891	0.280	0.000023	0.999919
0.035	0.013508	0.614063	0.285	0.000019	0.999934
0.040	0.014173	0.645675	0.290	0.000015	0.999947
0.045	0.014528	0.677154	0.295	0.000013	0.999957
0.050	0.014600	0.707993	0.300	0.000010	0.999966
0.055	0.014423	0.737757	0.305	0.000008	0.999973
0.060	0.014035	0.766086	0.310	0.000007	0.999978
0.065	0.013474	0.792704	0.315	0.000006	0.999982
0.070	0.012781	0.817415	0.320	0.000004	0.999986
0.075	0.011992	0.840101	0.325	0.000004	0.999989
0.080	0.011143	0.860717	0.330	0.000003	0.999991
0.085	0.010262	0.879274	0.335	0.000002	0.999993
0.090	0.009375	0.895836	0.340	0.000002	0.999994
0.095	0.008502	0.910502	0.345	0.000002	0.999996
0.100	0.007660	0.923598	0.350	0.000001	0.999996
0.105	0.006860	0.934664	0.355	0.000001	0.999997
0.110	0.006110	0.944452	0.360	0.000001	0.999998
0.115	0.005415	0.952911	0.365	0.000001	0.999998
0.120	0.004777	0.960188	0.370	0.000001	0.999999
0.125	0.004197	0.965423	0.375	0.000000	0.999999
0.130	0.003673	0.971745	0.380	0.000000	0.999999
0.135	0.003203	0.975272	0.385	0.000000	0.999999
0.140	0.002784	0.980113	0.390	0.000000	0.999999
0.145	0.002413	0.983361	0.395	0.000000	1.000000
0.150	0.002085	0.986103	0.400	0.000000	1.000000
0.155	0.001796	0.988411	0.405	0.000000	1.000000
0.160	0.001544	0.990350	0.410	0.000000	1.000000
0.165	0.001324	0.991976	0.415	0.000000	1.000000
0.170	0.001133	0.993338	0.420	0.000000	1.000000
0.175	0.000967	0.994475	0.425	0.000000	1.000000
0.180	0.000824	0.995425	0.430	0.000000	1.000000
0.185	0.000700	0.996216	0.435	0.000000	1.000000
0.190	0.000594	0.996874	0.440	0.000000	1.000000
0.195	0.000503	0.997421	0.445	0.000000	1.000000
0.200	0.000425	0.997875	0.450	0.000000	1.000000
0.205	0.000359	0.998251	0.455	0.000000	1.000000
0.210	0.000302	0.998562	0.460	0.000000	1.000000
0.215	0.000254	0.998819	0.465	0.000000	1.000000
0.220	0.000213	0.999032	0.470	0.000000	1.000000
0.225	0.000178	0.999207	0.475	0.000000	1.000000
0.230	0.000149	0.999351	0.480	0.000000	1.000000
0.235	0.000125	0.999470	0.485	0.000000	1.000000
0.240	0.000104	0.999567	0.490	0.000000	1.000000
0.245	0.000086	0.999647	0.495	0.000000	1.000000
0.250	0.000072	0.999713	0.500	0.000000	1.000000

TABLE XL
AOQ AND AFI VALUES FOR CSP-3
f = 0.500 AND i = 30

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002451	0.509794	0.255	0.000049	0.999809
0.010	0.004732	0.526847	0.260	0.000040	0.999845
0.015	0.006768	0.548796	0.265	0.000033	0.999874
0.020	0.008518	0.574120	0.270	0.000028	0.999898
0.025	0.009957	0.601719	0.275	0.000023	0.999910
0.030	0.011078	0.630723	0.280	0.000019	0.999933
0.035	0.011886	0.660404	0.285	0.000015	0.999946
0.040	0.012395	0.690135	0.290	0.000013	0.999957
0.045	0.012628	0.719381	0.295	0.000010	0.999965
0.050	0.012616	0.747690	0.300	0.000008	0.999972
0.055	0.012392	0.774695	0.305	0.000007	0.999978
0.060	0.011993	0.800115	0.310	0.000006	0.999982
0.065	0.011456	0.823751	0.315	0.000005	0.999986
0.070	0.010816	0.845482	0.320	0.000004	0.999989
0.075	0.010106	0.865256	0.325	0.000003	0.999991
0.080	0.009354	0.883080	0.330	0.000002	0.999993
0.085	0.008584	0.899007	0.335	0.000002	0.999994
0.090	0.007818	0.913130	0.340	0.000002	0.999995
0.095	0.007072	0.925563	0.345	0.000001	0.999996
0.100	0.006356	0.936440	0.350	0.000001	0.999997
0.105	0.005680	0.945901	0.355	0.000001	0.999998
0.110	0.005050	0.954088	0.360	0.000001	0.999998
0.115	0.004469	0.961140	0.365	0.000001	0.999999
0.120	0.003937	0.967189	0.370	0.000000	0.999999
0.125	0.003455	0.972359	0.375	0.000000	0.999999
0.130	0.003021	0.976763	0.380	0.000000	0.999999
0.135	0.002632	0.980502	0.385	0.000000	0.999999
0.140	0.002286	0.983669	0.390	0.000000	1.000000
0.145	0.001980	0.986345	0.395	0.000000	1.000000
0.150	0.001710	0.988601	0.400	0.000000	1.000000
0.155	0.001473	0.990498	0.405	0.000000	1.000000
0.160	0.001266	0.992091	0.410	0.000000	1.000000
0.165	0.001085	0.993425	0.415	0.000000	1.000000
0.170	0.000928	0.994542	0.420	0.000000	1.000000
0.175	0.000792	0.995475	0.425	0.000000	1.000000
0.180	0.000674	0.996253	0.430	0.000000	1.000000
0.185	0.000573	0.996902	0.435	0.000000	1.000000
0.190	0.000486	0.997441	0.440	0.000000	1.000000
0.195	0.000412	0.997889	0.445	0.000000	1.000000
0.200	0.000348	0.998260	0.450	0.000000	1.000000
0.205	0.000294	0.998568	0.455	0.000000	1.000000
0.210	0.000247	0.998823	0.460	0.000000	1.000000
0.215	0.000208	0.999034	0.465	0.000000	1.000000
0.220	0.000174	0.999208	0.470	0.000000	1.000000
0.225	0.000146	0.999351	0.475	0.000000	1.000000
0.230	0.000122	0.999469	0.480	0.000000	1.000000
0.235	0.000102	0.999566	0.485	0.000000	1.000000
0.240	0.000085	0.999646	0.490	0.000000	1.000000
0.245	0.000071	0.999711	0.495	0.000000	1.000000
0.250	0.000059	0.999765	0.500	0.000000	1.000000

TABLE XLI
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.050$ AND $i = 40$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004737	0.052571	0.255	0.000049	0.999809
C.C10	0.009422	0.057751	0.260	0.000038	0.999855
C.C15	0.014022	0.065177	0.265	0.000029	0.999890
C.C20	0.018503	0.074866	0.270	0.000022	0.999917
C.C25	0.022825	0.087020	0.275	0.000017	0.999937
C.C30	0.026942	0.101946	0.280	0.000013	0.999953
C.C35	0.030799	0.120021	0.285	0.000010	0.999964
C.C40	0.034334	0.141656	0.290	0.000008	0.999973
C.C45	0.037473	0.167267	0.295	0.000006	0.999980
C.C50	0.040139	0.197226	0.300	0.000005	0.999985
C.C55	0.042250	0.231810	0.305	0.000003	0.999989
C.C60	0.043732	0.271137	0.310	0.000003	0.999992
C.C65	0.044519	0.315095	0.315	0.000002	0.999994
C.C70	0.044570	0.363291	0.320	0.000001	0.999995
C.C75	0.043874	0.415018	0.325	0.000001	0.999997
C.C80	0.042459	0.469264	0.330	0.000001	0.999997
C.C85	0.040394	0.524775	0.335	0.000001	0.999998
C.C90	0.037786	0.580158	0.340	0.000000	0.999999
C.C95	0.034768	0.634017	0.345	0.000000	0.999999
C.100	0.031491	0.685095	0.350	0.000000	0.999999
C.105	0.028100	0.732377	0.355	0.000000	0.999999
C.110	0.024732	0.775167	0.360	0.000000	1.000000
C.115	0.021494	0.813093	0.365	0.000000	1.000000
C.120	0.018470	0.846086	0.370	0.000000	1.000000
C.125	0.015711	0.874314	0.375	0.000000	1.000000
C.130	0.013245	0.898118	0.380	0.000000	1.000000
C.135	0.011078	0.917943	0.385	0.000000	1.000000
C.140	0.009201	0.934278	0.390	0.000000	1.000000
C.145	0.007596	0.947616	0.395	0.000000	1.000000
C.150	0.006237	0.958422	0.400	0.000000	1.000000
C.155	0.005096	0.967120	0.405	0.000000	1.000000
C.160	0.004147	0.974082	0.410	0.000000	1.000000
C.165	0.003361	0.979629	0.415	0.000000	1.000000
C.170	0.002715	0.984030	0.420	0.000000	1.000000
C.175	0.002186	0.987510	0.425	0.000000	1.000000
C.180	0.001755	0.990252	0.430	0.000000	1.000000
C.185	0.001404	0.992408	0.435	0.000000	1.000000
C.190	0.001121	0.994099	0.440	0.000000	1.000000
C.195	0.000893	0.995421	0.445	0.000000	1.000000
C.200	0.000709	0.996453	0.450	0.000000	1.000000
C.205	0.000562	0.997257	0.455	0.000000	1.000000
C.210	0.000445	0.997883	0.460	0.000000	1.000000
C.215	0.000351	0.998368	0.465	0.000000	1.000000
C.220	0.000276	0.998745	0.470	0.000000	1.000000
C.225	0.000217	0.999036	0.475	0.000000	1.000000
C.230	0.000170	0.999261	0.480	0.000000	1.000000
C.235	0.000133	0.999434	0.485	0.000000	1.000000
C.240	0.000104	0.999567	0.490	0.000000	1.000000
C.245	0.000081	0.999670	0.495	0.000000	1.000000
C.250	0.000063	0.999749	0.500	0.000000	1.000000

TABLE XLII
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.100$ AND $i = 40$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004476	0.104859	0.255	0.000023	0.999909
C.C10	0.008854	0.114568	0.260	0.000018	0.999931
C.C15	0.013075	0.123303	0.265	0.000014	0.999948
C.C20	0.017082	0.145912	0.270	0.000011	0.999961
C.C25	0.020812	0.167512	0.275	0.000008	0.999970
C.C30	0.024200	0.193322	0.280	0.000006	0.999978
C.C35	0.027175	0.223564	0.285	0.000005	0.999983
C.C40	0.029665	0.258383	0.290	0.000004	0.999987
C.C45	0.031600	0.297776	0.295	0.000003	0.999991
C.C50	0.032924	0.341524	0.300	0.000002	0.999993
C.C55	0.033597	0.389146	0.305	0.000002	0.999995
C.C60	0.033607	0.439881	0.310	0.000001	0.999996
C.C65	0.032974	0.492703	0.315	0.000001	0.999997
C.C70	0.031752	0.546393	0.320	0.000001	0.999998
C.C75	0.030027	0.599638	0.325	0.000001	0.999998
C.C80	0.027908	0.651154	0.330	0.000000	0.999999
C.C85	0.025516	0.699811	0.335	0.000000	0.999999
C.C90	0.022975	0.744718	0.340	0.000000	0.999999
C.C95	0.020398	0.785280	0.345	0.000000	1.000000
C.100	0.017880	0.821200	0.350	0.000000	1.000000
C.105	0.015493	0.852448	0.355	0.000000	1.000000
C.110	0.013287	0.879206	0.360	0.000000	1.000000
C.115	0.011292	0.901806	0.365	0.000000	1.000000
C.120	0.009520	0.920667	0.370	0.000000	1.000000
C.125	0.007969	0.936247	0.375	0.000000	1.000000
C.130	0.006629	0.949006	0.380	0.000000	1.000000
C.135	0.005484	0.959377	0.385	0.000000	1.000000
C.140	0.004515	0.967753	0.390	0.000000	1.000000
C.145	0.003700	0.974483	0.395	0.000000	1.000000
C.150	0.003020	0.979864	0.400	0.000000	1.000000
C.155	0.002457	0.984151	0.405	0.000000	1.000000
C.160	0.001991	0.987553	0.410	0.000000	1.000000
C.165	0.001609	0.990246	0.415	0.000000	1.000000
C.170	0.001297	0.992371	0.420	0.000000	1.000000
C.175	0.001042	0.994044	0.425	0.000000	1.000000
C.180	0.000835	0.995359	0.430	0.000000	1.000000
C.185	0.000668	0.996389	0.435	0.000000	1.000000
C.190	0.000533	0.997196	0.440	0.000000	1.000000
C.195	0.000424	0.997826	0.445	0.000000	1.000000
C.200	0.000337	0.998317	0.450	0.000000	1.000000
C.205	0.000267	0.998699	0.455	0.000000	1.000000
C.210	0.000211	0.998996	0.460	0.000000	1.000000
C.215	0.000166	0.999227	0.465	0.000000	1.000000
C.220	0.000131	0.999405	0.470	0.000000	1.000000
C.225	0.000103	0.999543	0.475	0.000000	1.000000
C.230	0.000081	0.999650	0.480	0.000000	1.000000
C.235	0.000063	0.999732	0.485	0.000000	1.000000
C.240	0.000049	0.999795	0.490	0.000000	1.000000
C.245	0.000038	0.999844	0.495	0.000000	1.000000
C.250	0.000030	0.999881	0.500	0.000000	1.000000

TABLE XLIII
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.150$ AND $i = 40$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.004216	0.156864	0.255	0.000015	0.999943
0.010	0.008295	0.170472	0.260	0.000011	0.999957
0.015	0.012158	0.189476	0.265	0.000009	0.999967
0.020	0.015732	0.213424	0.270	0.000007	0.999975
0.025	0.018945	0.242184	0.275	0.000005	0.999981
0.030	0.021729	0.275689	0.280	0.000004	0.999986
0.035	0.024017	0.313804	0.285	0.000003	0.999989
0.040	0.025751	0.356230	0.290	0.000002	0.999992
0.045	0.026890	0.402445	0.295	0.000002	0.999994
0.050	0.027416	0.451680	0.300	0.000001	0.999996
0.055	0.027339	0.502930	0.305	0.000001	0.999997
0.060	0.026699	0.555020	0.310	0.000001	0.999998
0.065	0.025565	0.606693	0.315	0.000001	0.999998
0.070	0.024029	0.656724	0.320	0.000000	0.999999
0.075	0.022197	0.704033	0.325	0.000000	0.999999
0.080	0.020179	0.747767	0.330	0.000000	0.999999
0.085	0.018075	0.787349	0.335	0.000000	0.999999
0.090	0.015977	0.822483	0.340	0.000000	1.000000
0.095	0.013953	0.853126	0.345	0.000000	1.000000
0.100	0.012056	0.879438	0.350	0.000000	1.000000
0.105	0.010319	0.901726	0.355	0.000000	1.000000
0.110	0.008758	0.920383	0.360	0.000000	1.000000
0.115	0.007378	0.935841	0.365	0.000000	1.000000
0.120	0.006176	0.948537	0.370	0.000000	1.000000
0.125	0.005139	0.958889	0.375	0.000000	1.000000
0.130	0.004254	0.967275	0.380	0.000000	1.000000
0.135	0.003506	0.974032	0.385	0.000000	1.000000
0.140	0.002877	0.979451	0.390	0.000000	1.000000
0.145	0.002352	0.983780	0.395	0.000000	1.000000
0.150	0.001916	0.987227	0.400	0.000000	1.000000
0.155	0.001556	0.989962	0.405	0.000000	1.000000
0.160	0.001260	0.992127	0.410	0.000000	1.000000
0.165	0.001017	0.993836	0.415	0.000000	1.000000
0.170	0.000819	0.995183	0.420	0.000000	1.000000
0.175	0.000658	0.996242	0.425	0.000000	1.000000
0.180	0.000527	0.997073	0.430	0.000000	1.000000
0.185	0.000421	0.997724	0.435	0.000000	1.000000
0.190	0.000336	0.998233	0.440	0.000000	1.000000
0.195	0.000267	0.998630	0.445	0.000000	1.000000
0.200	0.000212	0.998940	0.450	0.000000	1.000000
0.205	0.000168	0.999180	0.455	0.000000	1.000000
0.210	0.000133	0.999368	0.460	0.000000	1.000000
0.215	0.000105	0.999513	0.465	0.000000	1.000000
0.220	0.000082	0.999625	0.470	0.000000	1.000000
0.225	0.000065	0.999712	0.475	0.000000	1.000000
0.230	0.000051	0.999779	0.480	0.000000	1.000000
0.235	0.000040	0.999831	0.485	0.000000	1.000000
0.240	0.000031	0.999871	0.490	0.000000	1.000000
0.245	0.000024	0.999902	0.495	0.000000	1.000000
0.250	0.000019	0.999925	0.500	0.000000	1.000000

TABLE XLIV
AOQ AND AFI VALUES FOR CSP-3
f = 0.200 AND i = 40

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003957	0.208591	0.255	0.000010	0.999960
0.010	0.007745	0.225486	0.260	0.000008	0.999969
0.015	0.011268	0.248783	0.265	0.000006	0.999977
0.020	0.014447	0.277660	0.270	0.000005	0.999982
0.025	0.017209	0.311646	0.275	0.000004	0.999987
0.030	0.019490	0.350318	0.280	0.000003	0.999990
0.035	0.021240	0.393151	0.285	0.000002	0.999992
0.040	0.022423	0.439434	0.290	0.000002	0.999994
0.045	0.023028	0.488257	0.295	0.000001	0.999996
0.050	0.023074	0.538529	0.300	0.000001	0.999997
0.055	0.022602	0.589047	0.305	0.000001	0.999998
0.060	0.021684	0.638598	0.310	0.000001	0.999998
0.065	0.020406	0.686055	0.315	0.000000	0.999999
0.070	0.018867	0.730476	0.320	0.000000	0.999999
0.075	0.017163	0.771162	0.325	0.000000	0.999999
0.080	0.015385	0.807686	0.330	0.000000	0.999999
0.085	0.013610	0.839879	0.335	0.000000	1.000000
0.090	0.011899	0.867791	0.340	0.000000	1.000000
0.095	0.010294	0.891643	0.345	0.000000	1.000000
0.100	0.008823	0.911769	0.350	0.000000	1.000000
0.105	0.007501	0.928566	0.355	0.000000	1.000000
0.110	0.006330	0.942452	0.360	0.000000	1.000000
0.115	0.005308	0.953840	0.365	0.000000	1.000000
0.120	0.004426	0.963115	0.370	0.000000	1.000000
0.125	0.003672	0.970625	0.375	0.000000	1.000000
0.130	0.003032	0.976675	0.380	0.000000	1.000000
0.135	0.002494	0.981528	0.385	0.000000	1.000000
0.140	0.002043	0.985407	0.390	0.000000	1.000000
0.145	0.001668	0.988496	0.395	0.000000	1.000000
0.150	0.001358	0.990950	0.400	0.000000	1.000000
0.155	0.001102	0.992893	0.405	0.000000	1.000000
0.160	0.000891	0.994430	0.410	0.000000	1.000000
0.165	0.000719	0.995641	0.415	0.000000	1.000000
0.170	0.000579	0.996595	0.420	0.000000	1.000000
0.175	0.000465	0.997344	0.425	0.000000	1.000000
0.180	0.000372	0.997932	0.430	0.000000	1.000000
0.185	0.000297	0.998392	0.435	0.000000	1.000000
0.190	0.000237	0.998752	0.440	0.000000	1.000000
0.195	0.000189	0.999032	0.445	0.000000	1.000000
0.200	0.000150	0.999251	0.450	0.000000	1.000000
0.205	0.000119	0.999421	0.455	0.000000	1.000000
0.210	0.000094	0.999554	0.460	0.000000	1.000000
0.215	0.000074	0.999656	0.465	0.000000	1.000000
0.220	0.000058	0.999735	0.470	0.000000	1.000000
0.225	0.000046	0.999797	0.475	0.000000	1.000000
0.230	0.000036	0.999844	0.480	0.000000	1.000000
0.235	0.000028	0.999881	0.485	0.000000	1.000000
0.240	0.000022	0.999909	0.490	0.000000	1.000000
0.245	0.000017	0.999930	0.495	0.000000	1.000000
0.250	0.000013	0.999947	0.500	0.000000	1.000000

TABLE XLV
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.250$ AND $i = 40$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003700	0.260041	0.255	0.000008	0.999970
0.010	0.007204	0.279631	0.260	0.000006	0.999977
0.015	0.010405	0.306309	0.265	0.000005	0.999983
0.020	0.013223	0.338851	0.270	0.000004	0.999987
0.025	0.015589	0.376424	0.275	0.000003	0.999990
0.030	0.017452	0.418251	0.280	0.000002	0.999993
0.035	0.018779	0.463464	0.285	0.000002	0.999994
0.040	0.019558	0.511054	0.290	0.000001	0.999996
0.045	0.019805	0.559887	0.295	0.000001	0.999997
0.050	0.019562	0.608760	0.300	0.000001	0.999998
0.055	0.018893	0.656494	0.305	0.000001	0.999998
0.060	0.017878	0.702026	0.310	0.000000	0.999999
0.065	0.016608	0.744487	0.315	0.000000	0.999999
0.070	0.015172	0.783252	0.320	0.000000	0.999999
0.075	0.013653	0.817957	0.325	0.000000	0.999999
0.080	0.012122	0.848480	0.330	0.000000	1.000000
0.085	0.010633	0.874901	0.335	0.000000	1.000000
0.090	0.009229	0.897454	0.340	0.000000	1.000000
0.095	0.007935	0.916470	0.345	0.000000	1.000000
0.100	0.006767	0.932334	0.350	0.000000	1.000000
0.105	0.005728	0.945450	0.355	0.000000	1.000000
0.110	0.004817	0.956209	0.360	0.000000	1.000000
0.115	0.004028	0.964976	0.365	0.000000	1.000000
0.120	0.003351	0.972079	0.370	0.000000	1.000000
0.125	0.002774	0.977806	0.375	0.000000	1.000000
0.130	0.002288	0.982404	0.380	0.000000	1.000000
0.135	0.001879	0.986082	0.385	0.000000	1.000000
0.140	0.001538	0.989015	0.390	0.000000	1.000000
0.145	0.001255	0.991347	0.395	0.000000	1.000000
0.150	0.001020	0.993197	0.400	0.000000	1.000000
0.155	0.000828	0.994661	0.405	0.000000	1.000000
0.160	0.000669	0.995816	0.410	0.000000	1.000000
0.165	0.000540	0.996727	0.415	0.000000	1.000000
0.170	0.000435	0.997444	0.420	0.000000	1.000000
0.175	0.000349	0.998007	0.425	0.000000	1.000000
0.180	0.000279	0.998448	0.430	0.000000	1.000000
0.185	0.000223	0.998794	0.435	0.000000	1.000000
0.190	0.000178	0.999064	0.440	0.000000	1.000000
0.195	0.000142	0.999274	0.445	0.000000	1.000000
0.200	0.000112	0.999438	0.450	0.000000	1.000000
0.205	0.000089	0.999566	0.455	0.000000	1.000000
0.210	0.000070	0.999665	0.460	0.000000	1.000000
0.215	0.000055	0.999742	0.465	0.000000	1.000000
0.220	0.000044	0.999802	0.470	0.000000	1.000000
0.225	0.000034	0.999848	0.475	0.000000	1.000000
0.230	0.000027	0.999883	0.480	0.000000	1.000000
0.235	0.000021	0.999911	0.485	0.000000	1.000000
0.240	0.000016	0.999932	0.490	0.000000	1.000000
0.245	0.000013	0.999948	0.495	0.000000	1.000000
0.250	0.000010	0.999960	0.500	0.000000	1.000000

TABLE XLVI
AOQ AND AFI VALUES FOR CSP-3
f = 0.300 AND i = 40

P	AOQ	AFI	P	AOQ	AFI
C.005	0.003444	0.311216	0.255	0.000006	0.999977
C.010	0.006671	0.332926	0.260	0.000005	0.999982
C.015	0.009568	0.362133	0.265	0.000004	0.999986
C.020	0.012056	0.397210	0.270	0.000003	0.999990
C.025	0.014076	0.436977	0.275	0.000002	0.999992
C.030	0.015590	0.480349	0.280	0.000002	0.999994
C.035	0.016583	0.526203	0.285	0.000001	0.999996
C.040	0.017066	0.573352	0.290	0.000001	0.999997
C.045	0.017074	0.620581	0.295	0.000001	0.999998
C.050	0.016664	0.666727	0.300	0.000001	0.999998
C.055	0.015909	0.710749	0.305	0.000000	0.999999
C.060	0.014892	0.751808	0.310	0.000000	0.999999
C.065	0.013695	0.789304	0.315	0.000000	0.999999
C.070	0.012398	0.822887	0.320	0.000000	0.999999
C.075	0.011067	0.852442	0.325	0.000000	1.000000
C.080	0.009756	0.878045	0.330	0.000000	1.000000
C.085	0.008507	0.899919	0.335	0.000000	1.000000
C.090	0.007346	0.918382	0.340	0.000000	1.000000
C.095	0.006289	0.933803	0.345	0.000000	1.000000
C.100	0.005343	0.946568	0.350	0.000000	1.000000
C.105	0.004510	0.957052	0.355	0.000000	1.000000
C.110	0.003783	0.965606	0.360	0.000000	1.000000
C.115	0.003157	0.972545	0.365	0.000000	1.000000
C.120	0.002622	0.978148	0.370	0.000000	1.000000
C.125	0.002168	0.982652	0.375	0.000000	1.000000
C.130	0.001786	0.986260	0.380	0.000000	1.000000
C.135	0.001466	0.989141	0.385	0.000000	1.000000
C.140	0.001199	0.991435	0.390	0.000000	1.000000
C.145	0.000978	0.993257	0.395	0.000000	1.000000
C.150	0.000795	0.994701	0.400	0.000000	1.000000
C.155	0.000644	0.995842	0.405	0.000000	1.000000
C.160	0.000521	0.996743	0.410	0.000000	1.000000
C.165	0.000420	0.997453	0.415	0.000000	1.000000
C.170	0.000338	0.998011	0.420	0.000000	1.000000
C.175	0.000271	0.998449	0.425	0.000000	1.000000
C.180	0.000217	0.998793	0.430	0.000000	1.000000
C.185	0.000174	0.999061	0.435	0.000000	1.000000
C.190	0.000138	0.999271	0.440	0.000000	1.000000
C.195	0.000110	0.999435	0.445	0.000000	1.000000
C.200	0.000087	0.999563	0.450	0.000000	1.000000
C.205	0.000069	0.999662	0.455	0.000000	1.000000
C.210	0.000055	0.999740	0.460	0.000000	1.000000
C.215	0.000043	0.999799	0.465	0.000000	1.000000
C.220	0.000034	0.999846	0.470	0.000000	1.000000
C.225	0.000027	0.999881	0.475	0.000000	1.000000
C.230	0.000021	0.999909	0.480	0.000000	1.000000
C.235	0.000016	0.999930	0.485	0.000000	1.000000
C.240	0.000013	0.999947	0.490	0.000000	1.000000
C.245	0.000010	0.999959	0.495	0.000000	1.000000
C.250	0.000008	0.999969	0.500	0.000000	1.000000

TABLE XLVII
 AOQ AND AFI VALUES FOR CSP-3
 $f = 0.350$ AND $i = 40$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003189	0.362118	0.255	0.000005	0.999981
0.010	0.006146	0.385392	0.260	0.000004	0.999986
0.015	0.008755	0.416330	0.265	0.000003	0.999989
0.020	0.010941	0.452929	0.270	0.000002	0.999992
0.025	0.012657	0.493705	0.275	0.000002	0.999994
0.030	0.013880	0.537334	0.280	0.000001	0.999995
0.035	0.014611	0.582530	0.285	0.000001	0.999997
0.040	0.014879	0.628035	0.290	0.000001	0.999997
0.045	0.014730	0.672668	0.295	0.000001	0.999998
0.050	0.014231	0.715383	0.300	0.000000	0.999999
0.055	0.013456	0.755337	0.305	0.000000	0.999999
0.060	0.012485	0.791920	0.310	0.000000	0.999999
0.065	0.011390	0.824769	0.315	0.000000	0.999999
0.070	0.010238	0.853746	0.320	0.000000	1.000000
0.075	0.009082	0.878909	0.325	0.000000	1.000000
0.080	0.007964	0.900456	0.330	0.000000	1.000000
0.085	0.006912	0.918693	0.335	0.000000	1.000000
0.090	0.005946	0.933938	0.340	0.000000	1.000000
0.095	0.005074	0.946591	0.345	0.000000	1.000000
0.100	0.004300	0.957003	0.350	0.000000	1.000000
0.105	0.003621	0.965514	0.355	0.000000	1.000000
0.110	0.003033	0.972431	0.360	0.000000	1.000000
0.115	0.002527	0.978025	0.365	0.000000	1.000000
0.120	0.002096	0.982530	0.370	0.000000	1.000000
0.125	0.001732	0.986144	0.375	0.000000	1.000000
0.130	0.001426	0.989034	0.380	0.000000	1.000000
0.135	0.001169	0.991338	0.385	0.000000	1.000000
0.140	0.000956	0.993171	0.390	0.000000	1.000000
0.145	0.000779	0.994626	0.395	0.000000	1.000000
0.150	0.000633	0.995778	0.400	0.000000	1.000000
0.155	0.000513	0.996688	0.405	0.000000	1.000000
0.160	0.000415	0.997406	0.410	0.000000	1.000000
0.165	0.000335	0.997972	0.415	0.000000	1.000000
0.170	0.000269	0.998416	0.420	0.000000	1.000000
0.175	0.000216	0.998765	0.425	0.000000	1.000000
0.180	0.000173	0.999039	0.430	0.000000	1.000000
0.185	0.000138	0.999253	0.435	0.000000	1.000000
0.190	0.000110	0.999420	0.440	0.000000	1.000000
0.195	0.000088	0.999551	0.445	0.000000	1.000000
0.200	0.000070	0.999652	0.450	0.000000	1.000000
0.205	0.000055	0.999731	0.455	0.000000	1.000000
0.210	0.000044	0.999793	0.460	0.000000	1.000000
0.215	0.000034	0.999840	0.465	0.000000	1.000000
0.220	0.000027	0.999877	0.470	0.000000	1.000000
0.225	0.000021	0.999906	0.475	0.000000	1.000000
0.230	0.000017	0.999928	0.480	0.000000	1.000000
0.235	0.000013	0.999945	0.485	0.000000	1.000000
0.240	0.000010	0.999958	0.490	0.000000	1.000000
0.245	0.000008	0.999968	0.495	0.000000	1.000000
0.250	0.000006	0.999975	0.500	0.000000	1.000000

TABLE XLVIII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.400$ AND $i = 40$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002936	0.412750	0.255	0.000004	0.999985
C.C10	0.005630	0.437049	0.260	0.000003	0.999989
C.C15	0.007965	0.468969	0.265	0.000002	0.999991
C.C20	0.009876	0.506182	0.270	0.000002	0.999993
C.C25	0.011326	0.546959	0.275	0.000001	0.999995
C.C30	0.012306	0.589812	0.280	0.000001	0.999996
C.C35	0.012832	0.633379	0.285	0.000001	0.999997
C.C40	0.012943	0.676421	0.290	0.000001	0.999998
C.C45	0.012697	0.717856	0.295	0.000000	0.999998
C.C50	0.012160	0.756806	0.300	0.000000	0.999999
C.C55	0.011405	0.792631	0.305	0.000000	0.999999
C.C60	0.010504	0.824930	0.310	0.000000	0.999999
C.C65	0.009520	0.853531	0.315	0.000000	1.000000
C.C70	0.008508	0.878454	0.320	0.000000	1.000000
C.C75	0.007510	0.899864	0.325	0.000000	1.000000
C.C80	0.006558	0.918030	0.330	0.000000	1.000000
C.C85	0.005671	0.933277	0.335	0.000000	1.000000
C.C90	0.004864	0.945956	0.340	0.000000	1.000000
C.C95	0.004141	0.956414	0.345	0.000000	1.000000
C.100	0.003502	0.964982	0.350	0.000000	1.000000
C.105	0.002944	0.971960	0.355	0.000000	1.000000
C.110	0.002462	0.977614	0.360	0.000000	1.000000
C.115	0.002050	0.982176	0.365	0.000000	1.000000
C.120	0.001699	0.985842	0.370	0.000000	1.000000
C.125	0.001403	0.988778	0.375	0.000000	1.000000
C.130	0.001154	0.991124	0.380	0.000000	1.000000
C.135	0.000946	0.992992	0.385	0.000000	1.000000
C.140	0.000773	0.994477	0.390	0.000000	1.000000
C.145	0.000630	0.995655	0.395	0.000000	1.000000
C.150	0.000512	0.996587	0.400	0.000000	1.000000
C.155	0.000415	0.997323	0.405	0.000000	1.000000
C.160	0.000335	0.997904	0.410	0.000000	1.000000
C.165	0.000270	0.998361	0.415	0.000000	1.000000
C.170	0.000218	0.998720	0.420	0.000000	1.000000
C.175	0.000175	0.999002	0.425	0.000000	1.000000
C.180	0.000140	0.999223	0.430	0.000000	1.000000
C.185	0.000112	0.999396	0.435	0.000000	1.000000
C.190	0.000089	0.999532	0.440	0.000000	1.000000
C.195	0.000071	0.999637	0.445	0.000000	1.000000
C.200	0.000056	0.999719	0.450	0.000000	1.000000
C.205	0.000045	0.999783	0.455	0.000000	1.000000
C.210	0.000035	0.999833	0.460	0.000000	1.000000
C.215	0.000028	0.999871	0.465	0.000000	1.000000
C.220	0.000022	0.999901	0.470	0.000000	1.000000
C.225	0.000017	0.999924	0.475	0.000000	1.000000
C.230	0.000013	0.999942	0.480	0.000000	1.000000
C.235	0.000011	0.999955	0.485	0.000000	1.000000
C.240	0.000008	0.999966	0.490	0.000000	1.000000
C.245	0.000006	0.999974	0.495	0.000000	1.000000
C.250	0.000005	0.999980	0.500	0.000000	1.000000

TABLE XLIX

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.450$ AND $i = 40$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002684	0.463113	0.255	0.000003	0.999988
C.C10	0.005121	0.487914	0.260	0.000002	0.999991
C.C15	0.007198	0.520117	0.265	0.000002	0.999993
C.C20	0.008857	0.557130	0.270	0.000001	0.999995
C.C25	0.010074	0.597050	0.275	0.000001	0.999996
C.C30	0.010851	0.638298	0.280	0.000001	0.999997
C.C35	0.011217	0.679513	0.285	0.000001	0.999998
C.C40	0.011219	0.719537	0.290	0.000001	0.999998
C.C45	0.010916	0.757431	0.295	0.000000	0.999999
C.C50	0.010375	0.792497	0.300	0.000000	0.999999
C.C55	0.009664	0.824285	0.305	0.000000	0.999999
C.C60	0.008846	0.852571	0.310	0.000000	0.999999
C.C65	0.007974	0.877328	0.315	0.000000	1.000000
C.C70	0.007092	0.898682	0.320	0.000000	1.000000
C.C75	0.006235	0.916866	0.325	0.000000	1.000000
C.C80	0.005426	0.932180	0.330	0.000000	1.000000
C.C85	0.004679	0.944953	0.335	0.000000	1.000000
C.C90	0.004003	0.955519	0.340	0.000000	1.000000
C.C95	0.003401	0.964197	0.345	0.000000	1.000000
C.100	0.002872	0.971281	0.350	0.000000	1.000000
C.105	0.002411	0.977034	0.355	0.000000	1.000000
C.110	0.002015	0.981684	0.360	0.000000	1.000000
C.115	0.001676	0.985428	0.365	0.000000	1.000000
C.120	0.001388	0.988433	0.370	0.000000	1.000000
C.125	0.001145	0.990837	0.375	0.000000	1.000000
C.130	0.000942	0.992756	0.380	0.000000	1.000000
C.135	0.000772	0.994283	0.385	0.000000	1.000000
C.140	0.000631	0.995495	0.390	0.000000	1.000000
C.145	0.000514	0.996457	0.395	0.000000	1.000000
C.150	0.000417	0.997217	0.400	0.000000	1.000000
C.155	0.000338	0.997818	0.405	0.000000	1.000000
C.160	0.000273	0.998291	0.410	0.000000	1.000000
C.165	0.000220	0.998664	0.415	0.000000	1.000000
C.170	0.000177	0.998957	0.420	0.000000	1.000000
C.175	0.000142	0.999187	0.425	0.000000	1.000000
C.180	0.000114	0.999367	0.430	0.000000	1.000000
C.185	0.000091	0.999508	0.435	0.000000	1.000000
C.190	0.000073	0.999618	0.440	0.000000	1.000000
C.195	0.000058	0.999704	0.445	0.000000	1.000000
C.200	0.000046	0.999771	0.450	0.000000	1.000000
C.205	0.000036	0.999823	0.455	0.000000	1.000000
C.210	0.000029	0.999864	0.460	0.000000	1.000000
C.215	0.000023	0.999895	0.465	0.000000	1.000000
C.220	0.000018	0.999919	0.470	0.000000	1.000000
C.225	0.000014	0.999938	0.475	0.000000	1.000000
C.230	0.000011	0.999952	0.480	0.000000	1.000000
C.235	0.000009	0.999964	0.485	0.000000	1.000000
C.240	0.000007	0.999972	0.490	0.000000	1.000000
C.245	0.000005	0.999979	0.495	0.000000	1.000000
C.250	0.000004	0.999984	0.500	0.000000	1.000000

TABLE L
AOQ AND AFI VALUES FOR CSP-3
f = 0.500 AND i = 40

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002434	0.513211	0.255	0.000003	0.999990
0.010	0.004620	0.538006	0.260	0.000002	0.999992
0.015	0.006452	0.569836	0.265	0.000002	0.999994
0.020	0.007882	0.605920	0.270	0.000001	0.999996
0.025	0.009894	0.644250	0.275	0.000001	0.999997
0.030	0.009503	0.683230	0.280	0.000001	0.999998
0.035	0.009745	0.721559	0.285	0.000001	0.999998
0.040	0.009672	0.758200	0.290	0.000000	0.999999
0.045	0.009343	0.792377	0.295	0.000000	0.999999
0.050	0.008822	0.823569	0.300	0.000000	0.999999
0.055	0.008168	0.851488	0.305	0.000000	0.999999
0.060	0.007437	0.876054	0.310	0.000000	1.000000
0.065	0.006673	0.897342	0.315	0.000000	1.000000
0.070	0.005912	0.915547	0.320	0.000000	1.000000
0.075	0.005180	0.930938	0.325	0.000000	1.000000
0.080	0.004495	0.943818	0.330	0.000000	1.000000
0.085	0.003867	0.954506	0.335	0.000000	1.000000
0.090	0.003302	0.963310	0.340	0.000000	1.000000
0.095	0.002801	0.970515	0.345	0.000000	1.000000
0.100	0.002362	0.976379	0.350	0.000000	1.000000
0.105	0.001981	0.981130	0.355	0.000000	1.000000
0.110	0.001654	0.984964	0.360	0.000000	1.000000
0.115	0.001375	0.988046	0.365	0.000000	1.000000
0.120	0.001138	0.990516	0.370	0.000000	1.000000
0.125	0.000939	0.992491	0.375	0.000000	1.000000
0.130	0.000772	0.994065	0.380	0.000000	1.000000
0.135	0.000632	0.995317	0.385	0.000000	1.000000
0.140	0.000516	0.996311	0.390	0.000000	1.000000
0.145	0.000421	0.997099	0.395	0.000000	1.000000
0.150	0.000342	0.997722	0.400	0.000000	1.000000
0.155	0.000277	0.998214	0.405	0.000000	1.000000
0.160	0.000224	0.998602	0.410	0.000000	1.000000
0.165	0.000180	0.998907	0.415	0.000000	1.000000
0.170	0.000145	0.999147	0.420	0.000000	1.000000
0.175	0.000116	0.999335	0.425	0.000000	1.000000
0.180	0.000093	0.999482	0.430	0.000000	1.000000
0.185	0.000074	0.999598	0.435	0.000000	1.000000
0.190	0.000059	0.999688	0.440	0.000000	1.000000
0.195	0.000047	0.999758	0.445	0.000000	1.000000
0.200	0.000037	0.999813	0.450	0.000000	1.000000
0.205	0.000030	0.999855	0.455	0.000000	1.000000
0.210	0.000023	0.999888	0.460	0.000000	1.000000
0.215	0.000018	0.999914	0.465	0.000000	1.000000
0.220	0.000015	0.999934	0.470	0.000000	1.000000
0.225	0.000011	0.999949	0.475	0.000000	1.000000
0.230	0.000009	0.999961	0.480	0.000000	1.000000
0.235	0.000007	0.999970	0.485	0.000000	1.000000
0.240	0.000005	0.999977	0.490	0.000000	1.000000
0.245	0.000004	0.999983	0.495	0.000000	1.000000
0.250	0.000003	0.999987	0.500	0.000000	1.000000

TABLE LI
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.050$ AND $i = 50$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004733	0.053404	0.255	0.000003	0.999990
C.C10	0.009393	0.060672	0.260	0.000002	0.999993
C.C15	0.013930	0.071366	0.265	0.000001	0.999995
C.C20	0.018286	0.085716	0.270	0.000001	0.999996
C.C25	0.022394	0.104254	0.275	0.000001	0.999997
C.C30	0.026170	0.127672	0.280	0.000000	0.999998
C.C35	0.029514	0.156730	0.285	0.000000	0.999999
C.C40	0.032314	0.192151	0.290	0.000000	0.999999
C.C45	0.034449	0.234478	0.295	0.000000	0.999999
C.C50	0.035805	0.283907	0.300	0.000000	1.000000
C.C55	0.036294	0.340105	0.305	0.000000	1.000000
C.C60	0.035875	0.402090	0.310	0.000000	1.000000
C.C65	0.034571	0.468144	0.315	0.000000	1.000000
C.C70	0.032477	0.536045	0.320	0.000000	1.000000
C.C75	0.029757	0.603240	0.325	0.000000	1.000000
C.C80	0.026619	0.667263	0.330	0.000000	1.000000
C.C85	0.023284	0.726075	0.335	0.000000	1.000000
C.C90	0.019954	0.778294	0.340	0.000000	1.000000
C.C95	0.016790	0.823259	0.345	0.000000	1.000000
C.100	0.013905	0.860953	0.350	0.000000	1.000000
C.105	0.011359	0.891833	0.355	0.000000	1.000000
C.110	0.009168	0.916651	0.360	0.000000	1.000000
C.115	0.007328	0.936282	0.365	0.000000	1.000000
C.120	0.005807	0.951609	0.370	0.000000	1.000000
C.125	0.004569	0.963452	0.375	0.000000	1.000000
C.130	0.003572	0.972524	0.380	0.000000	1.000000
C.135	0.002778	0.979425	0.385	0.000000	1.000000
C.140	0.002150	0.984645	0.390	0.000000	1.000000
C.145	0.001657	0.988575	0.395	0.000000	1.000000
C.150	0.001272	0.991522	0.400	0.000000	1.000000
C.155	0.000973	0.993724	0.405	0.000000	1.000000
C.160	0.000742	0.995364	0.410	0.000000	1.000000
C.165	0.000564	0.996583	0.415	0.000000	1.000000
C.170	0.000427	0.997487	0.420	0.000000	1.000000
C.175	0.000323	0.998155	0.425	0.000000	1.000000
C.180	0.000243	0.998648	0.430	0.000000	1.000000
C.185	0.000183	0.999012	0.435	0.000000	1.000000
C.190	0.000137	0.999279	0.440	0.000000	1.000000
C.195	0.000102	0.999474	0.445	0.000000	1.000000
C.200	0.000076	0.999618	0.450	0.000000	1.000000
C.205	0.000057	0.999723	0.455	0.000000	1.000000
C.210	0.000042	0.999799	0.460	0.000000	1.000000
C.215	0.000031	0.999855	0.465	0.000000	1.000000
C.220	0.000023	0.999895	0.470	0.000000	1.000000
C.225	0.000017	0.999925	0.475	0.000000	1.000000
C.230	0.000012	0.999946	0.480	0.000000	1.000000
C.235	0.000009	0.999961	0.485	0.000000	1.000000
C.240	0.000007	0.999972	0.490	0.000000	1.000000
C.245	0.000005	0.999980	0.495	0.000000	1.000000
C.250	0.000004	0.999986	0.500	0.000000	1.000000

TABLE LII
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.100$ AND $i = 50$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.004468	0.106426	0.255	0.000001	0.999995
0.010	0.008800	0.119996	0.260	0.000001	0.999997
0.015	0.012906	0.139592	0.265	0.000001	0.999998
0.020	0.016696	0.165221	0.270	0.000000	0.999998
0.025	0.020069	0.197244	0.275	0.000000	0.999999
0.030	0.022919	0.236045	0.280	0.000000	0.999999
0.035	0.025137	0.291801	0.285	0.000000	0.999999
0.040	0.026629	0.334282	0.290	0.000000	1.000000
0.045	0.027329	0.392698	0.295	0.000000	1.000000
0.050	0.027219	0.455629	0.300	0.000000	1.000000
0.055	0.026340	0.521085	0.305	0.000000	1.000000
0.060	0.024797	0.586716	0.310	0.000000	1.000000
0.065	0.022741	0.650132	0.315	0.000000	1.000000
0.070	0.020354	0.709230	0.320	0.000000	1.000000
0.075	0.017816	0.762457	0.325	0.000000	1.000000
0.080	0.015286	0.808926	0.330	0.000000	1.000000
0.085	0.012887	0.848388	0.335	0.000000	1.000000
0.090	0.010700	0.881108	0.340	0.000000	1.000000
0.095	0.008769	0.907694	0.345	0.000000	1.000000
0.100	0.007107	0.928935	0.350	0.000000	1.000000
0.105	0.005705	0.945670	0.355	0.000000	1.000000
0.110	0.004542	0.958707	0.360	0.000000	1.000000
0.115	0.003591	0.968770	0.365	0.000000	1.000000
0.120	0.002823	0.976479	0.370	0.000000	1.000000
0.125	0.002206	0.982348	0.375	0.000000	1.000000
0.130	0.001717	0.986794	0.380	0.000000	1.000000
0.135	0.001330	0.990147	0.385	0.000000	1.000000
0.140	0.001027	0.992668	0.390	0.000000	1.000000
0.145	0.000789	0.994556	0.395	0.000000	1.000000
0.150	0.000605	0.995966	0.400	0.000000	1.000000
0.155	0.000462	0.997017	0.405	0.000000	1.000000
0.160	0.000352	0.997799	0.410	0.000000	1.000000
0.165	0.000268	0.998379	0.415	0.000000	1.000000
0.170	0.000203	0.998808	0.420	0.000000	1.000000
0.175	0.000153	0.999125	0.425	0.000000	1.000000
0.180	0.000115	0.999359	0.430	0.000000	1.000000
0.185	0.000087	0.999532	0.435	0.000000	1.000000
0.190	0.000065	0.999658	0.440	0.000000	1.000000
0.195	0.000049	0.999751	0.445	0.000000	1.000000
0.200	0.000036	0.999819	0.450	0.000000	1.000000
0.205	0.000027	0.999869	0.455	0.000000	1.000000
0.210	0.000020	0.999905	0.460	0.000000	1.000000
0.215	0.000015	0.999931	0.465	0.000000	1.000000
0.220	0.000011	0.999950	0.470	0.000000	1.000000
0.225	0.000008	0.999964	0.475	0.000000	1.000000
0.230	0.000006	0.999974	0.480	0.000000	1.000000
0.235	0.000004	0.999982	0.485	0.000000	1.000000
0.240	0.000003	0.999987	0.490	0.000000	1.000000
0.245	0.000002	0.999991	0.495	0.000000	1.000000
0.250	0.000002	0.999993	0.500	0.000000	1.000000

TABLE LIII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.150$ AND $i = 50$

P	AOQ	AFI	P	AOQ	AFI
C.C05	C.004205	0.159072	0.255	0.000001	0.999997
C.C10	0.008220	0.178017	0.260	0.000001	0.999998
0.C15	C.011927	0.204882	0.265	0.000000	0.999998
C.C20	C.015217	0.239166	0.270	0.000000	0.999999
C.C25	C.017982	0.280701	0.275	0.000000	0.999999
C.C30	0.020124	0.329187	0.280	0.000000	0.999999
C.C35	C.021563	0.383924	0.285	0.000000	1.000000
C.C40	C.022253	0.443675	0.290	0.000000	1.000000
C.C45	C.022200	0.506660	0.295	0.000000	1.000000
C.C50	0.021465	0.570691	0.300	0.000000	1.000000
C.C55	C.020161	0.633442	0.305	0.000000	1.000000
C.C60	0.018435	0.692755	0.310	0.000000	1.000000
C.C65	C.016450	0.746918	0.315	0.000000	1.000000
C.C70	0.014362	0.794827	0.320	0.000000	1.000000
C.C75	C.012299	0.836008	0.325	0.000000	1.000000
C.C80	C.010357	0.870532	0.330	0.000000	1.000000
C.C85	C.008597	0.898861	0.335	0.000000	1.000000
C.C90	0.007048	0.921694	0.340	0.000000	1.000000
0.C95	C.005717	0.939824	0.345	0.000000	1.000000
0.100	0.004595	0.954046	0.350	0.000000	1.000000
C.105	C.003666	0.965090	0.355	0.000000	1.000000
C.110	0.002904	0.973597	0.360	0.000000	1.000000
C.115	0.002288	0.980107	0.365	0.000000	1.000000
C.120	C.001793	0.985060	0.370	0.000000	1.000000
C.125	C.001398	0.988813	0.375	0.000000	1.000000
C.130	0.001086	0.991644	0.380	0.000000	1.000000
0.135	C.000841	0.993774	0.385	0.000000	1.000000
0.140	0.000648	0.995371	0.390	0.000000	1.000000
C.145	C.000498	0.996565	0.395	0.000000	1.000000
C.150	0.000382	0.997456	0.400	0.000000	1.000000
C.155	C.000291	0.998120	0.405	0.000000	1.000000
C.160	0.000222	0.998613	0.410	0.000000	1.000000
C.165	C.000169	0.998979	0.415	0.000000	1.000000
C.170	0.000128	0.999249	0.420	0.000000	1.000000
C.175	0.000096	0.999449	0.425	0.000000	1.000000
C.180	0.000073	0.999597	0.430	0.000000	1.000000
C.185	C.000055	0.999705	0.435	0.000000	1.000000
C.190	0.000041	0.999785	0.440	0.000000	1.000000
C.195	C.000031	0.999843	0.445	0.000000	1.000000
C.200	0.000023	0.999886	0.450	0.000000	1.000000
C.205	C.000017	0.999917	0.455	0.000000	1.000000
C.210	0.000013	0.999940	0.460	0.000000	1.000000
C.215	C.000009	0.999957	0.465	0.000000	1.000000
0.220	0.000007	0.999969	0.470	0.000000	1.000000
C.225	C.000005	0.999977	0.475	0.000000	1.000000
C.230	0.000004	0.999984	0.480	0.000000	1.000000
C.235	C.000003	0.999988	0.485	0.000000	1.000000
C.240	0.000002	0.999992	0.490	0.000000	1.000000
C.245	C.000001	0.999994	0.495	0.000000	1.000000
C.250	0.000001	0.999996	0.500	0.000000	1.000000

TABLE LIV
 AOQ AND AFI VALUES FOR CSP-3
 $f = 0.200$ AND $i = 50$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003943	0.211344	0.255	0.000001	0.999998
0.010	0.007652	0.234776	0.260	0.000000	0.999998
0.015	0.010989	0.267420	0.265	0.000000	0.999999
0.020	0.013838	0.308114	0.270	0.000000	0.999999
0.025	0.016099	0.356021	0.275	0.000000	0.999999
0.030	0.017697	0.410099	0.280	0.000000	1.000000
0.035	0.018589	0.468886	0.285	0.000000	1.000000
0.040	0.018781	0.530474	0.290	0.000000	1.000000
0.045	0.018331	0.592654	0.295	0.000000	1.000000
0.050	0.017342	0.653165	0.300	0.000000	1.000000
0.055	0.015951	0.709987	0.305	0.000000	1.000000
0.060	0.014305	0.761576	0.310	0.000000	1.000000
0.065	0.012546	0.806987	0.315	0.000000	1.000000
0.070	0.010789	0.845871	0.320	0.000000	1.000000
0.075	0.009122	0.878375	0.325	0.000000	1.000000
0.080	0.007601	0.904993	0.330	0.000000	1.000000
0.085	0.006254	0.926419	0.335	0.000000	1.000000
0.090	0.005092	0.943422	0.340	0.000000	1.000000
0.095	0.004108	0.956758	0.345	0.000000	1.000000
0.100	0.003288	0.967117	0.350	0.000000	1.000000
0.105	0.002614	0.975102	0.355	0.000000	1.000000
0.110	0.002066	0.981217	0.360	0.000000	1.000000
0.115	0.001624	0.985875	0.365	0.000000	1.000000
0.120	0.001271	0.989408	0.370	0.000000	1.000000
0.125	0.000990	0.992077	0.375	0.000000	1.000000
0.130	0.000769	0.994087	0.380	0.000000	1.000000
0.135	0.000594	0.995597	0.385	0.000000	1.000000
0.140	0.000458	0.996728	0.390	0.000000	1.000000
0.145	0.000352	0.997573	0.395	0.000000	1.000000
0.150	0.000270	0.998203	0.400	0.000000	1.000000
0.155	0.000206	0.998672	0.405	0.000000	1.000000
0.160	0.000157	0.999020	0.410	0.000000	1.000000
0.165	0.000119	0.999279	0.415	0.000000	1.000000
0.170	0.000090	0.999470	0.420	0.000000	1.000000
0.175	0.000068	0.999611	0.425	0.000000	1.000000
0.180	0.000051	0.999715	0.430	0.000000	1.000000
0.185	0.000039	0.999792	0.435	0.000000	1.000000
0.190	0.000029	0.999848	0.440	0.000000	1.000000
0.195	0.000022	0.999889	0.445	0.000000	1.000000
0.200	0.000016	0.999920	0.450	0.000000	1.000000
0.205	0.000012	0.999942	0.455	0.000000	1.000000
0.210	0.000009	0.999958	0.460	0.000000	1.000000
0.215	0.000007	0.999969	0.465	0.000000	1.000000
0.220	0.000005	0.999978	0.470	0.000000	1.000000
0.225	0.000004	0.999984	0.475	0.000000	1.000000
0.230	0.000003	0.999989	0.480	0.000000	1.000000
0.235	0.000002	0.999992	0.485	0.000000	1.000000
0.240	0.000001	0.999994	0.490	0.000000	1.000000
0.245	0.000001	0.999996	0.495	0.000000	1.000000
0.250	0.000001	0.999997	0.500	0.000000	1.000000

TABLE LV
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.250$ AND $i = 50$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003684	0.263246	0.255	0.000000	0.999998
C.C10	0.007097	0.290315	0.260	0.000000	0.999999
C.C15	0.010089	0.327378	0.265	0.000000	0.999999
C.C20	0.012549	0.372555	0.270	0.000000	0.999999
C.C25	0.014392	0.424337	0.275	0.000000	1.000000
C.C30	0.015569	0.481041	0.280	0.000000	1.000000
C.C35	0.016076	0.540676	0.285	0.000000	1.000000
C.C40	0.015959	0.601023	0.290	0.000000	1.000000
C.C45	0.015307	0.659851	0.295	0.000000	1.000000
C.C50	0.014241	0.715177	0.300	0.000000	1.000000
C.C55	0.012898	0.765487	0.305	0.000000	1.000000
C.C60	0.011409	0.809848	0.310	0.000000	1.000000
C.C65	0.009886	0.847901	0.315	0.000000	1.000000
C.C70	0.008416	0.879770	0.320	0.000000	1.000000
C.C75	0.007056	0.905920	0.325	0.000000	1.000000
C.C80	0.005839	0.927011	0.330	0.000000	1.000000
C.C85	0.004779	0.943780	0.335	0.000000	1.000000
C.C90	0.003874	0.956958	0.340	0.000000	1.000000
C.C95	0.003115	0.967214	0.345	0.000000	1.000000
C.100	0.002487	0.975133	0.350	0.000000	1.000000
C.105	0.001973	0.981209	0.355	0.000000	1.000000
C.110	0.001557	0.985846	0.360	0.000000	1.000000
C.115	0.001223	0.989369	0.365	0.000000	1.000000
C.120	0.000956	0.992035	0.370	0.000000	1.000000
C.125	0.000744	0.994046	0.375	0.000000	1.000000
C.130	0.000577	0.995559	0.380	0.000000	1.000000
C.135	0.000446	0.996694	0.385	0.000000	1.000000
C.140	0.000344	0.997544	0.390	0.000000	1.000000
C.145	0.000264	0.998179	0.395	0.000000	1.000000
C.150	0.000202	0.998652	0.400	0.000000	1.000000
C.155	0.000154	0.999004	0.405	0.000000	1.000000
C.160	0.000118	0.999265	0.410	0.000000	1.000000
C.165	0.000089	0.999459	0.415	0.000000	1.000000
C.170	0.000068	0.999602	0.420	0.000000	1.000000
C.175	0.000051	0.999708	0.425	0.000000	1.000000
C.180	0.000038	0.999786	0.430	0.000000	1.000000
C.185	0.000029	0.999844	0.435	0.000000	1.000000
C.190	0.000022	0.999886	0.440	0.000000	1.000000
C.195	0.000016	0.999917	0.445	0.000000	1.000000
C.200	0.000012	0.999940	0.450	0.000000	1.000000
C.205	0.000009	0.999956	0.455	0.000000	1.000000
C.210	0.000007	0.999968	0.460	0.000000	1.000000
C.215	0.000005	0.999977	0.465	0.000000	1.000000
C.220	0.000004	0.999983	0.470	0.000000	1.000000
C.225	0.000003	0.999988	0.475	0.000000	1.000000
C.230	0.000002	0.999991	0.480	0.000000	1.000000
C.235	0.000001	0.999994	0.485	0.000000	1.000000
C.240	0.000001	0.999996	0.490	0.000000	1.000000
C.245	0.000001	0.999997	0.495	0.000000	1.000000
C.250	0.000001	0.999998	0.500	0.000000	1.000000

TABLE LVI
AOQ AND AFI VALUES FOR CSP-3
f = 0.300 AND i = 50

P	AOQ	AFI	P	AOQ	AFI
C.005	0.003426	0.314784	0.255	0.000000	0.999999
C.010	0.006553	0.344673	0.260	0.000000	0.999999
C.015	0.009226	0.384911	0.265	0.000000	0.999999
C.020	0.011342	0.432918	0.270	0.000000	1.000000
C.025	0.012835	0.486583	0.275	0.000000	1.000000
C.030	0.013688	0.543748	0.280	0.000000	1.000000
C.035	0.013925	0.602137	0.285	0.000000	1.000000
C.040	0.013620	0.659495	0.290	0.000000	1.000000
C.045	0.012879	0.713806	0.295	0.000000	1.000000
C.050	0.011825	0.763502	0.300	0.000000	1.000000
C.055	0.010583	0.807573	0.305	0.000000	1.000000
C.060	0.009265	0.845578	0.310	0.000000	1.000000
C.065	0.007958	0.877562	0.315	0.000000	1.000000
C.070	0.006726	0.903921	0.320	0.000000	1.000000
C.075	0.005605	0.925264	0.325	0.000000	1.000000
C.080	0.004616	0.942295	0.330	0.000000	1.000000
C.085	0.003764	0.955720	0.335	0.000000	1.000000
C.090	0.003042	0.966199	0.340	0.000000	1.000000
C.095	0.002440	0.974313	0.345	0.000000	1.000000
C.100	0.001945	0.980552	0.350	0.000000	1.000000
C.105	0.001541	0.985324	0.355	0.000000	1.000000
C.110	0.001215	0.988957	0.360	0.000000	1.000000
C.115	0.000953	0.991712	0.365	0.000000	1.000000
C.120	0.000745	0.993794	0.370	0.000000	1.000000
C.125	0.000580	0.995363	0.375	0.000000	1.000000
C.130	0.000449	0.996542	0.380	0.000000	1.000000
C.135	0.000347	0.997427	0.385	0.000000	1.000000
C.140	0.000268	0.998089	0.390	0.000000	1.000000
C.145	0.000206	0.998583	0.395	0.000000	1.000000
C.150	0.000157	0.998951	0.400	0.000000	1.000000
C.155	0.000120	0.999225	0.405	0.000000	1.000000
C.160	0.000091	0.999428	0.410	0.000000	1.000000
C.165	0.000069	0.999579	0.415	0.000000	1.000000
C.170	0.000053	0.999691	0.420	0.000000	1.000000
C.175	0.000040	0.999773	0.425	0.000000	1.000000
C.180	0.000030	0.999834	0.430	0.000000	1.000000
C.185	0.000022	0.999879	0.435	0.000000	1.000000
C.190	0.000017	0.999911	0.440	0.000000	1.000000
C.195	0.000013	0.999935	0.445	0.000000	1.000000
C.200	0.000009	0.999953	0.450	0.000000	1.000000
C.205	0.000007	0.999966	0.455	0.000000	1.000000
C.210	0.000005	0.999975	0.460	0.000000	1.000000
C.215	0.000004	0.999982	0.465	0.000000	1.000000
C.220	0.000003	0.999987	0.470	0.000000	1.000000
C.225	0.000002	0.999991	0.475	0.000000	1.000000
C.230	0.000002	0.999993	0.480	0.000000	1.000000
C.235	0.000001	0.999995	0.485	0.000000	1.000000
C.240	0.000001	0.999997	0.490	0.000000	1.000000
C.245	0.000001	0.999998	0.495	0.000000	1.000000
C.250	0.000000	0.999998	0.500	0.000000	1.000000

TABLE LVII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.350$ AND $i = 50$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003170	0.365960	0.255	0.000000	0.999999
C.C10	0.006021	0.397886	0.260	0.000000	0.999999
C.C15	0.008398	0.440164	0.265	0.000000	1.000000
C.C20	0.010208	0.489577	0.270	0.000000	1.000000
C.C25	0.011412	0.543534	0.275	0.000000	1.000000
C.C30	0.012013	0.599576	0.280	0.000000	1.000000
C.C35	0.012063	0.655349	0.285	0.000000	1.000000
C.C40	0.011650	0.708746	0.290	0.000000	1.000000
C.C45	0.010886	0.758084	0.295	0.000000	1.000000
C.C50	0.009889	0.802221	0.300	0.000000	1.000000
C.C55	0.008768	0.840583	0.305	0.000000	1.000000
C.C60	0.007614	0.873094	0.310	0.000000	1.000000
C.C65	0.006497	0.900052	0.315	0.000000	1.000000
C.C70	0.005460	0.922000	0.320	0.000000	1.000000
C.C75	0.004530	0.939595	0.325	0.000000	1.000000
C.C80	0.003718	0.953524	0.330	0.000000	1.000000
C.C85	0.003023	0.964436	0.335	0.000000	1.000000
C.C90	0.002438	0.972911	0.340	0.000000	1.000000
C.C95	0.001953	0.979447	0.345	0.000000	1.000000
C.100	0.001554	0.984459	0.350	0.000000	1.000000
C.105	0.001230	0.988284	0.355	0.000000	1.000000
C.110	0.000969	0.991191	0.360	0.000000	1.000000
C.115	0.000760	0.993392	0.365	0.000000	1.000000
C.120	0.000594	0.995054	0.370	0.000000	1.000000
C.125	0.000462	0.996306	0.375	0.000000	1.000000
C.130	0.000358	0.997246	0.380	0.000000	1.000000
C.135	0.000277	0.997951	0.385	0.000000	1.000000
C.140	0.000213	0.998478	0.390	0.000000	1.000000
C.145	0.000164	0.998872	0.395	0.000000	1.000000
C.150	0.000125	0.999165	0.400	0.000000	1.000000
C.155	0.000096	0.999383	0.405	0.000000	1.000000
C.160	0.000073	0.999545	0.410	0.000000	1.000000
C.165	0.000055	0.999665	0.415	0.000000	1.000000
C.170	0.000042	0.999754	0.420	0.000000	1.000000
C.175	0.000032	0.999819	0.425	0.000000	1.000000
C.180	0.000024	0.999868	0.430	0.000000	1.000000
C.185	0.000018	0.999903	0.435	0.000000	1.000000
C.190	0.000013	0.999929	0.440	0.000000	1.000000
C.195	0.000010	0.999949	0.445	0.000000	1.000000
C.200	0.000007	0.999963	0.450	0.000000	1.000000
C.205	0.000006	0.999973	0.455	0.000000	1.000000
C.210	0.000004	0.999980	0.460	0.000000	1.000000
C.215	0.000003	0.999986	0.465	0.000000	1.000000
C.220	0.000002	0.999990	0.470	0.000000	1.000000
C.225	0.000002	0.999993	0.475	0.000000	1.000000
C.230	0.000001	0.999995	0.480	0.000000	1.000000
C.235	0.000001	0.999996	0.485	0.000000	1.000000
C.240	0.000001	0.999997	0.490	0.000000	1.000000
C.245	0.000000	0.999998	0.495	0.000000	1.000000
C.250	0.000000	0.999999	0.500	0.000000	1.000000

TABLE LVIII
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.400$ AND $i = 50$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002916	0.416778	0.255	0.000000	0.999999
0.010	0.005500	0.449991	0.260	0.000000	0.999999
0.015	0.007601	0.493270	0.265	0.000000	1.000000
0.020	0.009143	0.542864	0.270	0.000000	1.000000
0.025	0.010104	0.595837	0.275	0.000000	1.000000
0.030	0.010512	0.649598	0.280	0.000000	1.000000
0.035	0.010435	0.701869	0.285	0.000000	1.000000
0.040	0.009968	0.750799	0.290	0.000000	1.000000
0.045	0.009222	0.795072	0.295	0.000000	1.000000
0.050	0.008303	0.833939	0.300	0.000000	1.000000
0.055	0.007306	0.867168	0.305	0.000000	1.000000
0.060	0.006304	0.894935	0.310	0.000000	1.000000
0.065	0.005350	0.917691	0.315	0.000000	1.000000
0.070	0.004477	0.936040	0.320	0.000000	1.000000
0.075	0.003702	0.950638	0.325	0.000000	1.000000
0.080	0.003030	0.962123	0.330	0.000000	1.000000
0.085	0.002458	0.971077	0.335	0.000000	1.000000
0.090	0.001980	0.978006	0.340	0.000000	1.000000
0.095	0.001583	0.983334	0.345	0.000000	1.000000
0.100	0.001259	0.987410	0.350	0.000000	1.000000
0.105	0.000996	0.990516	0.355	0.000000	1.000000
0.110	0.000784	0.992873	0.360	0.000000	1.000000
0.115	0.000615	0.994656	0.365	0.000000	1.000000
0.120	0.000480	0.996001	0.370	0.000000	1.000000
0.125	0.000373	0.997014	0.375	0.000000	1.000000
0.130	0.000289	0.997775	0.380	0.000000	1.000000
0.135	0.000224	0.998344	0.385	0.000000	1.000000
0.140	0.000172	0.998770	0.390	0.000000	1.000000
0.145	0.000132	0.999088	0.395	0.000000	1.000000
0.150	0.000101	0.999325	0.400	0.000000	1.000000
0.155	0.000077	0.999502	0.405	0.000000	1.000000
0.160	0.000059	0.999632	0.410	0.000000	1.000000
0.165	0.000045	0.999729	0.415	0.000000	1.000000
0.170	0.000034	0.999801	0.420	0.000000	1.000000
0.175	0.000026	0.999854	0.425	0.000000	1.000000
0.180	0.000019	0.999893	0.430	0.000000	1.000000
0.185	0.000014	0.999927	0.435	0.000000	1.000000
0.190	0.000011	0.999943	0.440	0.000000	1.000000
0.195	0.000008	0.999958	0.445	0.000000	1.000000
0.200	0.000006	0.999970	0.450	0.000000	1.000000
0.205	0.000004	0.999978	0.455	0.000000	1.000000
0.210	0.000003	0.999984	0.460	0.000000	1.000000
0.215	0.000002	0.999989	0.465	0.000000	1.000000
0.220	0.000002	0.999992	0.470	0.000000	1.000000
0.225	0.000001	0.999994	0.475	0.000000	1.000000
0.230	0.000001	0.999996	0.480	0.000000	1.000000
0.235	0.000001	0.999997	0.485	0.000000	1.000000
0.240	0.000001	0.999998	0.490	0.000000	1.000000
0.245	0.000000	0.999998	0.495	0.000000	1.000000
0.250	0.000000	0.999999	0.500	0.000000	1.000000

TABLE LIX

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.450$ AND $i = 50$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002664	0.467242	0.255	0.000000	0.999999
0.010	0.004990	0.501022	0.260	0.000000	1.000000
0.015	0.006835	0.544351	0.265	0.000000	1.000000
0.020	0.008139	0.593070	0.270	0.000000	1.000000
0.025	0.008899	0.644041	0.275	0.000000	1.000000
0.030	0.009160	0.694675	0.280	0.000000	1.000000
0.035	0.008999	0.742883	0.285	0.000000	1.000000
0.040	0.008515	0.787123	0.290	0.000000	1.000000
0.045	0.007810	0.826435	0.295	0.000000	1.000000
0.050	0.006980	0.860398	0.300	0.000000	1.000000
0.055	0.006103	0.889037	0.305	0.000000	1.000000
0.060	0.005238	0.912692	0.310	0.000000	1.000000
0.065	0.004427	0.931895	0.315	0.000000	1.000000
0.070	0.003692	0.947260	0.320	0.000000	1.000000
0.075	0.003044	0.959408	0.325	0.000000	1.000000
0.080	0.002486	0.968919	0.330	0.000000	1.000000
0.085	0.002014	0.976306	0.335	0.000000	1.000000
0.090	0.001620	0.982005	0.340	0.000000	1.000000
0.095	0.001294	0.986378	0.345	0.000000	1.000000
0.100	0.001028	0.989718	0.350	0.000000	1.000000
0.105	0.000813	0.992258	0.355	0.000000	1.000000
0.110	0.000640	0.994185	0.360	0.000000	1.000000
0.115	0.000501	0.995641	0.365	0.000000	1.000000
0.120	0.000391	0.996740	0.370	0.000000	1.000000
0.125	0.000304	0.997566	0.375	0.000000	1.000000
0.130	0.000236	0.998186	0.380	0.000000	1.000000
0.135	0.000182	0.998650	0.385	0.000000	1.000000
0.140	0.000140	0.998998	0.390	0.000000	1.000000
0.145	0.000108	0.999257	0.395	0.000000	1.000000
0.150	0.000082	0.999450	0.400	0.000000	1.000000
0.155	0.000063	0.999594	0.405	0.000000	1.000000
0.160	0.000048	0.999701	0.410	0.000000	1.000000
0.165	0.000036	0.999780	0.415	0.000000	1.000000
0.170	0.000028	0.999838	0.420	0.000000	1.000000
0.175	0.000021	0.999881	0.425	0.000000	1.000000
0.180	0.000016	0.999913	0.430	0.000000	1.000000
0.185	0.000012	0.999936	0.435	0.000000	1.000000
0.190	0.000009	0.999954	0.440	0.000000	1.000000
0.195	0.000007	0.999966	0.445	0.000000	1.000000
0.200	0.000005	0.999975	0.450	0.000000	1.000000
0.205	0.000004	0.999982	0.455	0.000000	1.000000
0.210	0.000003	0.999987	0.460	0.000000	1.000000
0.215	0.000002	0.999991	0.465	0.000000	1.000000
0.220	0.000001	0.999993	0.470	0.000000	1.000000
0.225	0.000001	0.999995	0.475	0.000000	1.000000
0.230	0.000001	0.999997	0.480	0.000000	1.000000
0.235	0.000001	0.999997	0.485	0.000000	1.000000
0.240	0.000000	0.999998	0.490	0.000000	1.000000
0.245	0.000000	0.999999	0.495	0.000000	1.000000
0.250	0.000000	0.999999	0.500	0.000000	1.000000

TABLE LX
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.500$ AND $i = 50$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002413	0.517355	0.255	0.000000	0.999999
C.C10	0.004490	0.551012	0.260	0.000000	1.000000
C.C15	0.006097	0.593521	0.265	0.000000	1.000000
C.C20	0.007191	0.640455	0.270	0.000000	1.000000
C.C25	0.007785	0.688607	0.275	0.000000	1.000000
C.C30	0.007935	0.735506	0.280	0.000000	1.000000
C.C35	0.007724	0.779315	0.285	0.000000	1.000000
C.C40	0.007247	0.818815	0.290	0.000000	1.000000
C.C45	0.006599	0.853365	0.295	0.000000	1.000000
C.C50	0.005860	0.882806	0.300	0.000000	1.000000
C.C55	0.005096	0.907343	0.305	0.000000	1.000000
C.C60	0.004355	0.927414	0.310	0.000000	1.000000
C.C65	0.003667	0.943579	0.315	0.000000	1.000000
C.C70	0.003050	0.956431	0.320	0.000000	1.000000
C.C75	0.002509	0.966542	0.325	0.000000	1.000000
C.C80	0.002046	0.974426	0.330	0.000000	1.000000
C.C85	0.001655	0.980530	0.335	0.000000	1.000000
C.C90	0.001329	0.985229	0.340	0.000000	1.000000
C.C95	0.001061	0.988827	0.345	0.000000	1.000000
C.100	0.000843	0.991571	0.350	0.000000	1.000000
C.105	0.000666	0.993657	0.355	0.000000	1.000000
C.110	0.000524	0.995237	0.360	0.000000	1.000000
C.115	0.000410	0.996431	0.365	0.000000	1.000000
C.120	0.000320	0.997331	0.370	0.000000	1.000000
C.125	0.000249	0.998007	0.375	0.000000	1.000000
C.130	0.000193	0.998515	0.380	0.000000	1.000000
C.135	0.000149	0.998896	0.385	0.000000	1.000000
C.140	0.000115	0.999180	0.390	0.000000	1.000000
C.145	0.000088	0.999392	0.395	0.000000	1.000000
C.150	0.000067	0.999550	0.400	0.000000	1.000000
C.155	0.000052	0.999668	0.405	0.000000	1.000000
C.160	0.000039	0.999755	0.410	0.000000	1.000000
C.165	0.000030	0.999820	0.415	0.000000	1.000000
C.170	0.000023	0.999867	0.420	0.000000	1.000000
C.175	0.000017	0.999903	0.425	0.000000	1.000000
C.180	0.000013	0.999929	0.430	0.000000	1.000000
C.185	0.000010	0.999948	0.435	0.000000	1.000000
C.190	0.000007	0.999962	0.440	0.000000	1.000000
C.195	0.000005	0.999972	0.445	0.000000	1.000000
C.200	0.000004	0.999980	0.450	0.000000	1.000000
C.205	0.000003	0.999985	0.455	0.000000	1.000000
C.210	0.000002	0.999989	0.460	0.000000	1.000000
C.215	0.000002	0.999992	0.465	0.000000	1.000000
C.220	0.000001	0.999994	0.470	0.000000	1.000000
C.225	0.000001	0.999996	0.475	0.000000	1.000000
C.230	0.000001	0.999997	0.480	0.000000	1.000000
C.235	0.000000	0.999998	0.485	0.000000	1.000000
C.240	0.000000	0.999999	0.490	0.000000	1.000000
C.245	0.000000	0.999999	0.495	0.000000	1.000000
C.250	0.000000	0.999999	0.500	0.000000	1.000000

TABLE LXI

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.050$ AND $i = 60$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.004728	0.054383	0.255	0.000000	0.999999
0.010	0.009359	0.064108	0.260	0.000000	1.000000
0.015	0.013818	0.078772	0.265	0.000000	1.000000
0.020	0.018020	0.099011	0.270	0.000000	1.000000
0.025	0.021853	0.125892	0.275	0.000000	1.000000
0.030	0.025180	0.160658	0.280	0.000000	1.000000
0.035	0.027843	0.204479	0.285	0.000000	1.000000
0.040	0.029675	0.258120	0.290	0.000000	1.000000
0.045	0.030531	0.321538	0.295	0.000000	1.000000
0.050	0.030325	0.393509	0.300	0.000000	1.000000
0.055	0.029069	0.471469	0.305	0.000000	1.000000
0.060	0.026896	0.551729	0.310	0.000000	1.000000
0.065	0.024043	0.630103	0.315	0.000000	1.000000
0.070	0.020808	0.702746	0.320	0.000000	1.000000
0.075	0.017486	0.766857	0.325	0.000000	1.000000
0.080	0.014319	0.821008	0.330	0.000000	1.000000
0.085	0.011471	0.865051	0.335	0.000000	1.000000
0.090	0.009021	0.899770	0.340	0.000000	1.000000
0.095	0.006987	0.926453	0.345	0.000000	1.000000
0.100	0.005345	0.946554	0.350	0.000000	1.000000
0.105	0.004047	0.961462	0.355	0.000000	1.000000
0.110	0.003038	0.972384	0.360	0.000000	1.000000
0.115	0.002264	0.980311	0.365	0.000000	1.000000
0.120	0.001677	0.986021	0.370	0.000000	1.000000
0.125	0.001236	0.990111	0.375	0.000000	1.000000
0.130	0.000907	0.993026	0.380	0.000000	1.000000
0.135	0.000662	0.995095	0.385	0.000000	1.000000
0.140	0.000482	0.996560	0.390	0.000000	1.000000
0.145	0.000349	0.997592	0.395	0.000000	1.000000
0.150	0.000252	0.998319	0.400	0.000000	1.000000
0.155	0.000182	0.998829	0.405	0.000000	1.000000
0.160	0.000130	0.999186	0.410	0.000000	1.000000
0.165	0.000093	0.999435	0.415	0.000000	1.000000
0.170	0.000066	0.999609	0.420	0.000000	1.000000
0.175	0.000047	0.999730	0.425	0.000000	1.000000
0.180	0.000033	0.999814	0.430	0.000000	1.000000
0.185	0.000024	0.999872	0.435	0.000000	1.000000
0.190	0.000017	0.999912	0.440	0.000000	1.000000
0.195	0.000012	0.999940	0.445	0.000000	1.000000
0.200	0.000008	0.999959	0.450	0.000000	1.000000
0.205	0.000006	0.999972	0.455	0.000000	1.000000
0.210	0.000004	0.999981	0.460	0.000000	1.000000
0.215	0.000003	0.999987	0.465	0.000000	1.000000
0.220	0.000002	0.999991	0.470	0.000000	1.000000
0.225	0.000001	0.999994	0.475	0.000000	1.000000
0.230	0.000001	0.999996	0.480	0.000000	1.000000
0.235	0.000001	0.999997	0.485	0.000000	1.000000
0.240	0.000000	0.999998	0.490	0.000000	1.000000
0.245	0.000000	0.999999	0.495	0.000000	1.000000
0.250	0.000000	0.999999	0.500	0.000000	1.000000

TABLE LXII

AOQ AND AFI VALUES FOR CSP-3

 $f = 0.100$ and $i = 60$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004459	0.108266	0.255	0.000000	1.000000
C.C10	0.008737	0.126340	0.260	0.000000	1.000000
C.C15	0.012706	0.152913	0.265	0.000000	1.000000
C.C20	0.016234	0.188307	0.270	0.000000	1.000000
C.C25	0.019171	0.233157	0.275	0.000000	1.000000
C.C30	0.021366	0.287793	0.280	0.000000	1.000000
C.C35	0.022688	0.351759	0.285	0.000000	1.000000
C.C40	0.023061	0.423469	0.290	0.000000	1.000000
C.C45	0.022494	0.500125	0.295	0.000000	1.000000
C.C50	0.021099	0.578015	0.300	0.000000	1.000000
C.C55	0.019076	0.653162	0.305	0.000000	1.000000
C.C60	0.016674	0.722094	0.310	0.000000	1.000000
C.C65	0.014142	0.782428	0.315	0.000000	1.000000
C.C70	0.011684	0.833081	0.320	0.000000	1.000000
C.C75	0.009441	0.874117	0.325	0.000000	1.000000
C.C80	0.007488	0.906396	0.330	0.000000	1.000000
C.C85	0.005849	0.931190	0.335	0.000000	1.000000
C.C90	0.004511	0.949878	0.340	0.000000	1.000000
C.C95	0.003443	0.963759	0.345	0.000000	1.000000
C.100	0.002605	0.973951	0.350	0.000000	1.000000
C.105	0.001956	0.981367	0.355	0.000000	1.000000
C.110	0.001460	0.986726	0.360	0.000000	1.000000
C.115	0.001084	0.990576	0.365	0.000000	1.000000
C.120	0.000800	0.993329	0.370	0.000000	1.000000
C.125	0.000589	0.995291	0.375	0.000000	1.000000
C.130	0.000431	0.996684	0.380	0.000000	1.000000
C.135	0.000314	0.997671	0.385	0.000000	1.000000
C.140	0.000229	0.998367	0.390	0.000000	1.000000
C.145	0.000166	0.998858	0.395	0.000000	1.000000
C.150	0.000120	0.999203	0.400	0.000000	1.000000
C.155	0.000086	0.999445	0.405	0.000000	1.000000
C.160	0.000062	0.999614	0.410	0.000000	1.000000
C.165	0.000044	0.999732	0.415	0.000000	1.000000
C.170	0.000031	0.999815	0.420	0.000000	1.000000
C.175	0.000022	0.999872	0.425	0.000000	1.000000
C.180	0.000016	0.999912	0.430	0.000000	1.000000
C.185	0.000011	0.999939	0.435	0.000000	1.000000
C.190	0.000008	0.999958	0.440	0.000000	1.000000
C.195	0.000006	0.999972	0.445	0.000000	1.000000
C.200	0.000004	0.999981	0.450	0.000000	1.000000
C.205	0.000003	0.999987	0.455	0.000000	1.000000
C.210	0.000002	0.999991	0.460	0.000000	1.000000
C.215	0.000001	0.999994	0.465	0.000000	1.000000
C.220	0.000001	0.999996	0.470	0.000000	1.000000
C.225	0.000001	0.999997	0.475	0.000000	1.000000
C.230	0.000000	0.999998	0.480	0.000000	1.000000
C.235	0.000000	0.999999	0.485	0.000000	1.000000
C.240	0.000000	0.999999	0.490	0.000000	1.000000
C.245	0.000000	0.999999	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXIII
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.150$ AND $i = 60$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004192	0.161656	0.255	0.000000	1.000000
C.C10	0.008132	0.186776	0.260	0.000000	1.000000
C.C15	0.011658	0.222820	0.265	0.000000	1.000000
C.C20	0.014615	0.269251	0.270	0.000000	1.000000
C.C25	0.016859	0.325646	0.275	0.000000	1.000000
C.C30	0.018273	0.390906	0.280	0.000000	1.000000
C.C35	0.018799	0.462895	0.285	0.000000	1.000000
C.C40	0.018462	0.538443	0.290	0.000000	1.000000
C.C45	0.017381	0.613755	0.295	0.000000	1.000000
C.C50	0.015746	0.685088	0.300	0.000000	1.000000
C.C55	0.013781	0.749433	0.305	0.000000	1.000000
C.C60	0.011703	0.804945	0.310	0.000000	1.000000
C.C65	0.009685	0.851004	0.315	0.000000	1.000000
C.C70	0.007842	0.887977	0.320	0.000000	1.000000
C.C75	0.006235	0.916864	0.325	0.000000	1.000000
C.C80	0.004884	0.938948	0.330	0.000000	1.000000
C.C85	0.003779	0.955542	0.335	0.000000	1.000000
C.C90	0.002894	0.967845	0.340	0.000000	1.000000
C.C95	0.002197	0.975871	0.345	0.000000	1.000000
C.100	0.001656	0.983439	0.350	0.000000	1.000000
C.105	0.001240	0.988187	0.355	0.000000	1.000000
C.110	0.000924	0.991601	0.360	0.000000	1.000000
C.115	0.000685	0.994046	0.365	0.000000	1.000000
C.120	0.000505	0.995790	0.370	0.000000	1.000000
C.125	0.000371	0.997030	0.375	0.000000	1.000000
C.130	0.000272	0.997910	0.380	0.000000	1.000000
C.135	0.000198	0.998532	0.385	0.000000	1.000000
C.140	0.000144	0.998971	0.390	0.000000	1.000000
C.145	0.000104	0.999281	0.395	0.000000	1.000000
C.150	0.000075	0.999498	0.400	0.000000	1.000000
C.155	0.000054	0.999650	0.405	0.000000	1.000000
C.160	0.000039	0.999757	0.410	0.000000	1.000000
C.165	0.000028	0.999832	0.415	0.000000	1.000000
C.170	0.000020	0.999883	0.420	0.000000	1.000000
C.175	0.000014	0.999919	0.425	0.000000	1.000000
C.180	0.000010	0.999945	0.430	0.000000	1.000000
C.185	0.000007	0.999962	0.435	0.000000	1.000000
C.190	0.000005	0.999974	0.440	0.000000	1.000000
C.195	0.000004	0.999982	0.445	0.000000	1.000000
C.200	0.000002	0.999988	0.450	0.000000	1.000000
C.205	0.000002	0.999992	0.455	0.000000	1.000000
C.210	0.000001	0.999994	0.460	0.000000	1.000000
C.215	0.000001	0.999996	0.465	0.000000	1.000000
C.220	0.000001	0.999997	0.470	0.000000	1.000000
C.225	0.000000	0.999998	0.475	0.000000	1.000000
C.230	0.000000	0.999999	0.480	0.000000	1.000000
C.235	0.000000	0.999999	0.485	0.000000	1.000000
C.240	0.000000	0.999999	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXIV
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.200$ AND $i = 60$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003927	0.214561	0.255	0.000000	1.000000
C.C10	0.007545	0.245494	0.260	0.000000	1.000000
C.C15	0.010667	0.288845	0.265	0.000000	1.000000
C.C20	0.013141	0.342963	0.270	0.000000	1.000000
C.C25	0.014845	0.406214	0.275	0.000000	1.000000
C.C30	0.015713	0.476219	0.280	0.000000	1.000000
C.C35	0.015759	0.549738	0.285	0.000000	1.000000
C.C40	0.015079	0.623019	0.290	0.000000	1.000000
C.C45	0.013841	0.692414	0.295	0.000000	1.000000
C.C50	0.012249	0.755018	0.300	0.000000	1.000000
C.C55	0.010502	0.809057	0.305	0.000000	1.000000
C.C60	0.008764	0.853935	0.310	0.000000	1.000000
C.C65	0.007150	0.890006	0.315	0.000000	1.000000
C.C70	0.005724	0.918231	0.320	0.000000	1.000000
C.C75	0.004512	0.939845	0.325	0.000000	1.000000
C.C80	0.003511	0.956116	0.330	0.000000	1.000000
C.C85	0.002703	0.968202	0.335	0.000000	1.000000
C.C90	0.002062	0.977086	0.340	0.000000	1.000000
C.C95	0.001562	0.983562	0.345	0.000000	1.000000
C.100	0.001175	0.988253	0.350	0.000000	1.000000
C.105	0.000879	0.991632	0.355	0.000000	1.000000
C.110	0.000654	0.994057	0.360	0.000000	1.000000
C.115	0.000484	0.995789	0.365	0.000000	1.000000
C.120	0.000357	0.997024	0.370	0.000000	1.000000
C.125	0.000262	0.997902	0.375	0.000000	1.000000
C.130	0.000192	0.998524	0.380	0.000000	1.000000
C.135	0.000140	0.998963	0.385	0.000000	1.000000
C.140	0.000102	0.999274	0.390	0.000000	1.000000
C.145	0.000074	0.999492	0.395	0.000000	1.000000
C.150	0.000053	0.999646	0.400	0.000000	1.000000
C.155	0.000038	0.999753	0.405	0.000000	1.000000
C.160	0.000027	0.999829	0.410	0.000000	1.000000
C.165	0.000020	0.999881	0.415	0.000000	1.000000
C.170	0.000014	0.999918	0.420	0.000000	1.000000
C.175	0.000010	0.999943	0.425	0.000000	1.000000
C.180	0.000007	0.999961	0.430	0.000000	1.000000
C.185	0.000005	0.999973	0.435	0.000000	1.000000
C.190	0.000004	0.999982	0.440	0.000000	1.000000
C.195	0.000002	0.999987	0.445	0.000000	1.000000
C.200	0.000002	0.999991	0.450	0.000000	1.000000
C.205	0.000001	0.999994	0.455	0.000000	1.000000
C.210	0.000001	0.999996	0.460	0.000000	1.000000
C.215	0.000001	0.999997	0.465	0.000000	1.000000
C.220	0.000000	0.999998	0.470	0.000000	1.000000
C.225	0.000000	0.999999	0.475	0.000000	1.000000
C.230	0.000000	0.999999	0.480	0.000000	1.000000
C.235	0.000000	0.999999	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXV
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.250$ AND $i = 60$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003665	0.266986	0.255	0.000000	1.000000
C.C10	0.006974	0.302567	0.260	0.000000	1.000000
C.C15	0.009730	0.351302	0.265	0.000000	1.000000
C.C20	0.011793	0.410370	0.270	0.000000	1.000000
C.C25	0.013074	0.477027	0.275	0.000000	1.000000
C.C30	0.013561	0.547973	0.280	0.000000	1.000000
C.C35	0.013319	0.619469	0.285	0.000000	1.000000
C.C40	0.012486	0.687845	0.290	0.000000	1.000000
C.C45	0.011246	0.750094	0.295	0.000000	1.000000
C.C50	0.009786	0.804277	0.300	0.000000	1.000000
C.C55	0.008271	0.849614	0.305	0.000000	1.000000
C.C60	0.006822	0.886299	0.310	0.000000	1.000000
C.C65	0.005514	0.915172	0.315	0.000000	1.000000
C.C70	0.004382	0.937394	0.320	0.000000	1.000000
C.C75	0.003435	0.954195	0.325	0.000000	1.000000
C.C80	0.002662	0.966722	0.330	0.000000	1.000000
C.C85	0.002043	0.975960	0.335	0.000000	1.000000
C.C90	0.001556	0.982715	0.340	0.000000	1.000000
C.C95	0.001176	0.987621	0.345	0.000000	1.000000
C.100	0.000884	0.991163	0.350	0.000000	1.000000
C.105	0.000660	0.993711	0.355	0.000000	1.000000
C.110	0.000491	0.995536	0.360	0.000000	1.000000
C.115	0.000364	0.996839	0.365	0.000000	1.000000
C.120	0.000268	0.997767	0.370	0.000000	1.000000
C.125	0.000197	0.998425	0.375	0.000000	1.000000
C.130	0.000144	0.998892	0.380	0.000000	1.000000
C.135	0.000105	0.999222	0.385	0.000000	1.000000
C.140	0.000076	0.999455	0.390	0.000000	1.000000
C.145	0.000055	0.999619	0.395	0.000000	1.000000
C.150	0.000040	0.999734	0.400	0.000000	1.000000
C.155	0.000029	0.999815	0.405	0.000000	1.000000
C.160	0.000021	0.999871	0.410	0.000000	1.000000
C.165	0.000015	0.999911	0.415	0.000000	1.000000
C.170	0.000010	0.999938	0.420	0.000000	1.000000
C.175	0.000007	0.999957	0.425	0.000000	1.000000
C.180	0.000005	0.999971	0.430	0.000000	1.000000
C.185	0.000004	0.999980	0.435	0.000000	1.000000
C.190	0.000003	0.999986	0.440	0.000000	1.000000
C.195	0.000002	0.999991	0.445	0.000000	1.000000
C.200	0.000001	0.999994	0.450	0.000000	1.000000
C.205	0.000001	0.999996	0.455	0.000000	1.000000
C.210	0.000001	0.999997	0.460	0.000000	1.000000
C.215	0.000000	0.999998	0.465	0.000000	1.000000
C.220	0.000000	0.999999	0.470	0.000000	1.000000
C.225	0.000000	0.999999	0.475	0.000000	1.000000
C.230	0.000000	0.999999	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXVI

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.300$ AND $i = 60$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003405	0.318939	0.255	0.000000	1.000000
C.C10	0.006419	0.358061	0.260	0.000000	1.000000
C.C15	0.008843	0.410474	0.265	0.000000	1.000000
C.C20	0.010555	0.472248	0.270	0.000000	1.000000
C.C25	0.011506	0.539756	0.275	0.000000	1.000000
C.C30	0.011725	0.609164	0.280	0.000000	1.000000
C.C35	0.011316	0.676692	0.285	0.000000	1.000000
C.C40	0.010435	0.739116	0.290	0.000000	1.000000
C.C45	0.009261	0.794199	0.295	0.000000	1.000000
C.C50	0.007958	0.840849	0.300	0.000000	1.000000
C.C55	0.006656	0.878989	0.305	0.000000	1.000000
C.C60	0.005444	0.909274	0.310	0.000000	1.000000
C.C65	0.004371	0.932755	0.315	0.000000	1.000000
C.C70	0.003457	0.950619	0.320	0.000000	1.000000
C.C75	0.002699	0.964008	0.325	0.000000	1.000000
C.C80	0.002086	0.973924	0.330	0.000000	1.000000
C.C85	0.001598	0.981202	0.335	0.000000	1.000000
C.C90	0.001215	0.986504	0.340	0.000000	1.000000
C.C95	0.000917	0.990345	0.345	0.000000	1.000000
C.100	0.000689	0.993114	0.350	0.000000	1.000000
C.105	0.000514	0.995102	0.355	0.000000	1.000000
C.110	0.000382	0.996524	0.360	0.000000	1.000000
C.115	0.000283	0.997540	0.365	0.000000	1.000000
C.120	0.000209	0.998262	0.370	0.000000	1.000000
C.125	0.000153	0.998775	0.375	0.000000	1.000000
C.130	0.000112	0.999138	0.380	0.000000	1.000000
C.135	0.000082	0.999395	0.385	0.000000	1.000000
C.140	0.000059	0.999576	0.390	0.000000	1.000000
C.145	0.000043	0.999704	0.395	0.000000	1.000000
C.150	0.000031	0.999793	0.400	0.000000	1.000000
C.155	0.000022	0.999856	0.405	0.000000	1.000000
C.160	0.000016	0.999900	0.410	0.000000	1.000000
C.165	0.000011	0.999931	0.415	0.000000	1.000000
C.170	0.000008	0.999952	0.420	0.000000	1.000000
C.175	0.000006	0.999967	0.425	0.000000	1.000000
C.180	0.000004	0.999977	0.430	0.000000	1.000000
C.185	0.000003	0.999984	0.435	0.000000	1.000000
C.190	0.000002	0.999989	0.440	0.000000	1.000000
C.195	0.000001	0.999993	0.445	0.000000	1.000000
C.200	0.000001	0.999995	0.450	0.000000	1.000000
C.205	0.000001	0.999997	0.455	0.000000	1.000000
C.210	0.000000	0.999998	0.460	0.000000	1.000000
C.215	0.000000	0.999998	0.465	0.000000	1.000000
C.220	0.000000	0.999999	0.470	0.000000	1.000000
C.225	0.000000	0.999999	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXVII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.350$ AND $i = 60$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003148	0.370425	0.255	0.000000	1.000000
0.010	0.005880	0.412041	0.260	0.000000	1.000000
0.015	0.008001	0.466613	0.265	0.000000	1.000000
0.020	0.009415	0.529251	0.270	0.000000	1.000000
0.025	0.010107	0.595709	0.275	0.000000	1.000000
0.030	0.010141	0.661964	0.280	0.000000	1.000000
0.035	0.009643	0.724495	0.285	0.000000	1.000000
0.040	0.008773	0.780681	0.290	0.000000	1.000000
0.045	0.007694	0.829018	0.295	0.000000	1.000000
0.050	0.006546	0.869076	0.300	0.000000	1.000000
0.055	0.005431	0.901246	0.305	0.000000	1.000000
0.060	0.004414	0.926427	0.310	0.000000	1.000000
0.065	0.003527	0.945734	0.315	0.000000	1.000000
0.070	0.002779	0.960297	0.320	0.000000	1.000000
0.075	0.002164	0.971141	0.325	0.000000	1.000000
0.080	0.001669	0.979135	0.330	0.000000	1.000000
0.085	0.001277	0.984981	0.335	0.000000	1.000000
0.090	0.000969	0.989229	0.340	0.000000	1.000000
0.095	0.000731	0.992300	0.345	0.000000	1.000000
0.100	0.000549	0.994511	0.350	0.000000	1.000000
0.105	0.000410	0.996097	0.355	0.000000	1.000000
0.110	0.000305	0.997232	0.360	0.000000	1.000000
0.115	0.000225	0.998041	0.365	0.000000	1.000000
0.120	0.000166	0.998616	0.370	0.000000	1.000000
0.125	0.000122	0.999025	0.375	0.000000	1.000000
0.130	0.000089	0.999314	0.380	0.000000	1.000000
0.135	0.000065	0.999518	0.385	0.000000	1.000000
0.140	0.000047	0.999663	0.390	0.000000	1.000000
0.145	0.000034	0.999764	0.395	0.000000	1.000000
0.150	0.000025	0.999835	0.400	0.000000	1.000000
0.155	0.000018	0.999885	0.405	0.000000	1.000000
0.160	0.000013	0.999920	0.410	0.000000	1.000000
0.165	0.000009	0.999945	0.415	0.000000	1.000000
0.170	0.000007	0.999962	0.420	0.000000	1.000000
0.175	0.000005	0.999974	0.425	0.000000	1.000000
0.180	0.000003	0.999982	0.430	0.000000	1.000000
0.185	0.000002	0.999987	0.435	0.000000	1.000000
0.190	0.000002	0.999991	0.440	0.000000	1.000000
0.195	0.000001	0.999994	0.445	0.000000	1.000000
0.200	0.000001	0.999996	0.450	0.000000	1.000000
0.205	0.000001	0.999997	0.455	0.000000	1.000000
0.210	0.000000	0.999998	0.460	0.000000	1.000000
0.215	0.000000	0.999999	0.465	0.000000	1.000000
0.220	0.000000	0.999999	0.470	0.000000	1.000000
0.225	0.000000	0.999999	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXVIII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.400$ AND $i = 60$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002893	0.421451	0.255	0.000000	1.000000
0.010	0.005354	0.464570	0.260	0.000000	1.000000
0.015	0.007201	0.519946	0.265	0.000000	1.000000
0.020	0.008361	0.581933	0.270	0.000000	1.000000
0.025	0.008852	0.645929	0.275	0.000000	1.000000
0.030	0.008760	0.707988	0.280	0.000000	1.000000
0.035	0.008224	0.765027	0.285	0.000000	1.000000
0.040	0.007398	0.815057	0.290	0.000000	1.000000
0.045	0.006426	0.857204	0.295	0.000000	1.000000
0.050	0.005424	0.891523	0.300	0.000000	1.000000
0.055	0.004472	0.918693	0.305	0.000000	1.000000
0.060	0.003617	0.939723	0.310	0.000000	1.000000
0.065	0.002879	0.955707	0.315	0.000000	1.000000
0.070	0.002262	0.967685	0.320	0.000000	1.000000
0.075	0.001758	0.976561	0.325	0.000000	1.000000
0.080	0.001354	0.983079	0.330	0.000000	1.000000
0.085	0.001034	0.987834	0.335	0.000000	1.000000
0.090	0.000785	0.991282	0.340	0.000000	1.000000
0.095	0.000592	0.993772	0.345	0.000000	1.000000
0.100	0.000444	0.995562	0.350	0.000000	1.000000
0.105	0.000331	0.996846	0.355	0.000000	1.000000
0.110	0.000246	0.997763	0.360	0.000000	1.000000
0.115	0.000182	0.998417	0.365	0.000000	1.000000
0.120	0.000134	0.998882	0.370	0.000000	1.000000
0.125	0.000098	0.999212	0.375	0.000000	1.000000
0.130	0.000072	0.999446	0.380	0.000000	1.000000
0.135	0.000053	0.999611	0.385	0.000000	1.000000
0.140	0.000038	0.999728	0.390	0.000000	1.000000
0.145	0.000028	0.999810	0.395	0.000000	1.000000
0.150	0.000020	0.999867	0.400	0.000000	1.000000
0.155	0.000014	0.999907	0.405	0.000000	1.000000
0.160	0.000010	0.999936	0.410	0.000000	1.000000
0.165	0.000007	0.999955	0.415	0.000000	1.000000
0.170	0.000005	0.999969	0.420	0.000000	1.000000
0.175	0.000004	0.999979	0.425	0.000000	1.000000
0.180	0.000003	0.999985	0.430	0.000000	1.000000
0.185	0.000002	0.999990	0.435	0.000000	1.000000
0.190	0.000001	0.999993	0.440	0.000000	1.000000
0.195	0.000001	0.999995	0.445	0.000000	1.000000
0.200	0.000001	0.999997	0.450	0.000000	1.000000
0.205	0.000000	0.999998	0.455	0.000000	1.000000
0.210	0.000000	0.999998	0.460	0.000000	1.000000
0.215	0.000000	0.999999	0.465	0.000000	1.000000
0.220	0.000000	0.999999	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXIX

AOQ AND AFI VALUES FOR CSP-3
 $f = 450$ AND $i = 60$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002640	0.472023	0.255	0.000000	1.000000
C.C10	0.004843	0.515704	0.260	0.000000	1.000000
C.C15	0.006440	0.570679	0.265	0.000000	1.000000
C.C20	0.007385	0.630767	0.270	0.000000	1.000000
C.C25	0.007719	0.691254	0.275	0.000000	1.000000
C.C30	0.007546	0.748462	0.280	0.000000	1.000000
C.C35	0.007006	0.799831	0.285	0.000000	1.000000
C.C40	0.006242	0.843962	0.290	0.000000	1.000000
C.C45	0.005378	0.880487	0.295	0.000000	1.000000
C.C50	0.004510	0.909799	0.300	0.000000	1.000000
C.C55	0.003699	0.932737	0.305	0.000000	1.000000
C.C60	0.002980	0.950331	0.310	0.000000	1.000000
C.C65	0.002365	0.963611	0.315	0.000000	1.000000
C.C70	0.001854	0.973511	0.320	0.000000	1.000000
C.C75	0.001439	0.980818	0.325	0.000000	1.000000
C.C80	0.001106	0.986170	0.330	0.000000	1.000000
C.C85	0.000845	0.990065	0.335	0.000000	1.000000
C.C90	0.000640	0.992885	0.340	0.000000	1.000000
C.C95	0.000483	0.994919	0.345	0.000000	1.000000
C.100	0.000362	0.996381	0.350	0.000000	1.000000
C.105	0.000270	0.997428	0.355	0.000000	1.000000
C.110	0.000201	0.998176	0.360	0.000000	1.000000
C.115	0.000148	0.998710	0.365	0.000000	1.000000
C.120	0.000109	0.999089	0.370	0.000000	1.000000
C.125	0.000080	0.999358	0.375	0.000000	1.000000
C.130	0.000059	0.999548	0.380	0.000000	1.000000
C.135	0.000043	0.999683	0.385	0.000000	1.000000
C.140	0.000031	0.999778	0.390	0.000000	1.000000
C.145	0.000023	0.999845	0.395	0.000000	1.000000
C.150	0.000016	0.999892	0.400	0.000000	1.000000
C.155	0.000012	0.999925	0.405	0.000000	1.000000
C.160	0.000008	0.999948	0.410	0.000000	1.000000
C.165	0.000006	0.999964	0.415	0.000000	1.000000
C.170	0.000004	0.999975	0.420	0.000000	1.000000
C.175	0.000003	0.999983	0.425	0.000000	1.000000
C.180	0.000002	0.999988	0.430	0.000000	1.000000
C.185	0.000002	0.999992	0.435	0.000000	1.000000
C.190	0.000001	0.999994	0.440	0.000000	1.000000
C.195	0.000001	0.999996	0.445	0.000000	1.000000
C.200	0.000001	0.999997	0.450	0.000000	1.000000
C.205	0.000000	0.999998	0.455	0.000000	1.000000
C.210	0.000000	0.999999	0.460	0.000000	1.000000
C.215	0.000000	0.999999	0.465	0.000000	1.000000
C.220	0.000000	0.999999	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXX

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.500$ AND $i = 60$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002389	0.522147	0.255	0.000000	1.000000
0.010	0.004345	0.565498	0.260	0.000000	1.000000
0.015	0.005715	0.618997	0.265	0.000000	1.000000
0.020	0.006477	0.676159	0.270	0.000000	1.000000
0.025	0.006691	0.732365	0.275	0.000000	1.000000
0.030	0.006470	0.784333	0.280	0.000000	1.000000
0.035	0.005949	0.830040	0.285	0.000000	1.000000
0.040	0.005256	0.868605	0.290	0.000000	1.000000
0.045	0.004498	0.900045	0.295	0.000000	1.000000
0.050	0.003752	0.924969	0.300	0.000000	1.000000
0.055	0.003064	0.944286	0.305	0.000000	1.000000
0.060	0.002461	0.958991	0.310	0.000000	1.000000
0.065	0.001948	0.970029	0.315	0.000000	1.000000
0.070	0.001524	0.978222	0.320	0.000000	1.000000
0.075	0.001181	0.984251	0.325	0.000000	1.000000
0.080	0.000908	0.988656	0.330	0.000000	1.000000
0.085	0.000692	0.991856	0.335	0.000000	1.000000
0.090	0.000525	0.994171	0.340	0.000000	1.000000
0.095	0.000395	0.995839	0.345	0.000000	1.000000
0.100	0.000296	0.997037	0.350	0.000000	1.000000
0.105	0.000221	0.997895	0.355	0.000000	1.000000
0.110	0.000164	0.998507	0.360	0.000000	1.000000
0.115	0.000121	0.998944	0.365	0.000000	1.000000
0.120	0.000089	0.999254	0.370	0.000000	1.000000
0.125	0.000066	0.999475	0.375	0.000000	1.000000
0.130	0.000048	0.999631	0.380	0.000000	1.000000
0.135	0.000035	0.999741	0.385	0.000000	1.000000
0.140	0.000025	0.999818	0.390	0.000000	1.000000
0.145	0.000018	0.999873	0.395	0.000000	1.000000
0.150	0.000013	0.999911	0.400	0.000000	1.000000
0.155	0.000010	0.999938	0.405	0.000000	1.000000
0.160	0.000007	0.999957	0.410	0.000000	1.000000
0.165	0.000005	0.999970	0.415	0.000000	1.000000
0.170	0.000004	0.999979	0.420	0.000000	1.000000
0.175	0.000002	0.999986	0.425	0.000000	1.000000
0.180	0.000002	0.999990	0.430	0.000000	1.000000
0.185	0.000001	0.999993	0.435	0.000000	1.000000
0.190	0.000001	0.999995	0.440	0.000000	1.000000
0.195	0.000001	0.999997	0.445	0.000000	1.000000
0.200	0.000000	0.999998	0.450	0.000000	1.000000
0.205	0.000000	0.999999	0.455	0.000000	1.000000
0.210	0.000000	0.999999	0.460	0.000000	1.000000
0.215	0.000000	0.999999	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXI

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.050$ AND $i = 80$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.004716	0.956752	0.255	0.000000	1.000000
0.010	0.009275	0.072534	0.260	0.000000	1.000000
0.015	0.013537	0.097559	0.265	0.000000	1.000000
0.020	0.017320	0.134023	0.270	0.000000	1.000000
0.025	0.020383	0.184670	0.275	0.000000	1.000000
0.030	0.022448	0.251728	0.280	0.000000	1.000000
0.035	0.023257	0.335503	0.285	0.000000	1.000000
0.040	0.022681	0.432971	0.290	0.000000	1.000000
0.045	0.020818	0.537374	0.295	0.000000	1.000000
0.050	0.018016	0.639674	0.300	0.000000	1.000000
0.055	0.014770	0.731450	0.305	0.000000	1.000000
0.060	0.011554	0.807426	0.310	0.000000	1.000000
0.065	0.008697	0.866196	0.315	0.000000	1.000000
0.070	0.006351	0.909278	0.320	0.000000	1.000000
0.075	0.004530	0.939606	0.325	0.000000	1.000000
0.080	0.003173	0.960334	0.330	0.000000	1.000000
0.085	0.002192	0.974206	0.335	0.000000	1.000000
0.090	0.001498	0.983351	0.340	0.000000	1.000000
0.095	0.001015	0.989315	0.345	0.000000	1.000000
0.100	0.000683	0.993174	0.350	0.000000	1.000000
0.105	0.000456	0.995656	0.355	0.000000	1.000000
0.110	0.000303	0.997244	0.360	0.000000	1.000000
0.115	0.000200	0.998257	0.365	0.000000	1.000000
0.120	0.000132	0.998901	0.370	0.000000	1.000000
0.125	0.000086	0.999309	0.375	0.000000	1.000000
0.130	0.000056	0.999567	0.380	0.000000	1.000000
0.135	0.000037	0.999729	0.385	0.000000	1.000000
0.140	0.000024	0.999831	0.390	0.000000	1.000000
0.145	0.000015	0.999895	0.395	0.000000	1.000000
0.150	0.000010	0.999935	0.400	0.000000	1.000000
0.155	0.000006	0.999960	0.405	0.000000	1.000000
0.160	0.000004	0.999975	0.410	0.000000	1.000000
0.165	0.000003	0.999985	0.415	0.000000	1.000000
0.170	0.000002	0.999991	0.420	0.000000	1.000000
0.175	0.000001	0.999994	0.425	0.000000	1.000000
0.180	0.000001	0.999996	0.430	0.000000	1.000000
0.185	0.000000	0.999998	0.435	0.000000	1.000000
0.190	0.000000	0.999999	0.440	0.000000	1.000000
0.195	0.000000	0.999999	0.445	0.000000	1.000000
0.200	0.000000	1.000000	0.450	0.000000	1.000000
0.205	0.000000	1.000000	0.455	0.000000	1.000000
0.210	0.000000	1.000000	0.460	0.000000	1.000000
0.215	0.000000	1.000000	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXII
 AOQ AND AFI VALUES FOR CSP-3
 $f = 0.100$ AND $i = 80$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.004436	0.112703	0.255	0.000000	1.000000
0.010	0.008583	0.141707	0.260	0.000000	1.000000
0.015	0.012213	0.185816	0.265	0.000000	1.000000
0.020	0.015075	0.246265	0.270	0.000000	1.000000
0.025	0.016913	0.323484	0.275	0.000000	1.000000
0.030	0.017542	0.415275	0.280	0.000000	1.000000
0.035	0.016942	0.515948	0.285	0.000000	1.000000
0.040	0.015314	0.617152	0.290	0.000000	1.000000
0.045	0.013035	0.710331	0.295	0.000000	1.000000
0.050	0.010531	0.789375	0.300	0.000000	1.000000
0.055	0.009148	0.851853	0.305	0.000000	1.000000
0.060	0.006090	0.898492	0.310	0.000000	1.000000
0.065	0.004432	0.931817	0.315	0.000000	1.000000
0.070	0.003159	0.954871	0.320	0.000000	1.000000
0.075	0.002216	0.970453	0.325	0.000000	1.000000
0.080	0.001535	0.980810	0.330	0.000000	1.000000
0.085	0.001053	0.987614	0.335	0.000000	1.000000
0.090	0.000716	0.992044	0.340	0.000000	1.000000
0.095	0.000484	0.994910	0.345	0.000000	1.000000
0.100	0.000325	0.996755	0.350	0.000000	1.000000
0.105	0.000217	0.997937	0.355	0.000000	1.000000
0.110	0.000144	0.998693	0.360	0.000000	1.000000
0.115	0.000095	0.999174	0.365	0.000000	1.000000
0.120	0.000063	0.999479	0.370	0.000000	1.000000
0.125	0.000041	0.999673	0.375	0.000000	1.000000
0.130	0.000027	0.999795	0.380	0.000000	1.000000
0.135	0.000017	0.999872	0.385	0.000000	1.000000
0.140	0.000011	0.999920	0.390	0.000000	1.000000
0.145	0.000007	0.999950	0.395	0.000000	1.000000
0.150	0.000005	0.999969	0.400	0.000000	1.000000
0.155	0.000003	0.999981	0.405	0.000000	1.000000
0.160	0.000002	0.999988	0.410	0.000000	1.000000
0.165	0.000001	0.999993	0.415	0.000000	1.000000
0.170	0.000000	0.999996	0.420	0.000000	1.000000
0.175	0.000000	0.999997	0.425	0.000000	1.000000
0.180	0.000000	0.999998	0.430	0.000000	1.000000
0.185	0.000000	0.999999	0.435	0.000000	1.000000
0.190	0.000000	0.999999	0.440	0.000000	1.000000
0.195	0.000000	1.000000	0.445	0.000000	1.000000
0.200	0.000000	1.000000	0.450	0.000000	1.000000
0.205	0.000000	1.000000	0.455	0.000000	1.000000
0.210	0.000000	1.000000	0.460	0.000000	1.000000
0.215	0.000000	1.000000	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXIII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.150$ AND $i = 80$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004161	0.167870	0.255	0.000000	1.000000
C.C10	0.007923	0.207747	0.260	0.000000	1.000000
C.C15	0.011009	0.266041	0.265	0.000000	1.000000
C.C20	0.013167	0.341637	0.270	0.000000	1.000000
C.C25	0.014209	0.431635	0.275	0.000000	1.000000
C.C30	0.014098	0.530069	0.280	0.000000	1.000000
C.C35	0.012997	0.628652	0.285	0.000000	1.000000
C.C40	0.011235	0.719120	0.290	0.000000	1.000000
C.C45	0.009194	0.795697	0.295	0.000000	1.000000
C.C50	0.007192	0.856164	0.300	0.000000	1.000000
C.C55	0.005428	0.901307	0.305	0.000000	1.000000
C.C60	0.003985	0.933591	0.310	0.000000	1.000000
C.C65	0.002863	0.955958	0.315	0.000000	1.000000
C.C70	0.002023	0.971103	0.320	0.000000	1.000000
C.C75	0.001411	0.981191	0.325	0.000000	1.000000
C.C80	0.000974	0.987831	0.330	0.000000	1.000000
C.C85	0.000666	0.992165	0.335	0.000000	1.000000
C.C90	0.000452	0.994976	0.340	0.000000	1.000000
C.C95	0.000305	0.996789	0.345	0.000000	1.000000
C.100	0.000205	0.997954	0.350	0.000000	1.000000
C.105	0.000136	0.998700	0.355	0.000000	1.000000
C.110	0.000091	0.999177	0.360	0.000000	1.000000
C.115	0.000060	0.999480	0.365	0.000000	1.000000
C.120	0.000039	0.999672	0.370	0.000000	1.000000
C.125	0.000026	0.999794	0.375	0.000000	1.000000
C.130	0.000017	0.999871	0.380	0.000000	1.000000
C.135	0.000011	0.999919	0.385	0.000000	1.000000
C.140	0.000007	0.999950	0.390	0.000000	1.000000
C.145	0.000005	0.999969	0.395	0.000000	1.000000
C.150	0.000003	0.999981	0.400	0.000000	1.000000
C.155	0.000002	0.999988	0.405	0.000000	1.000000
C.160	0.000001	0.999993	0.410	0.000000	1.000000
C.165	0.000001	0.999995	0.415	0.000000	1.000000
C.170	0.000000	0.999997	0.420	0.000000	1.000000
C.175	0.000000	0.999998	0.425	0.000000	1.000000
C.180	0.000000	0.999999	0.430	0.000000	1.000000
C.185	0.000000	0.999999	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXIV
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.200$ AND $i = 80$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003889	0.222270	0.255	0.000000	1.000000
0.010	0.007291	0.270862	0.260	0.000000	1.000000
0.015	0.009911	0.339281	0.265	0.000000	1.000000
0.020	0.011526	0.423676	0.270	0.000000	1.000000
0.025	0.012043	0.518273	0.275	0.000000	1.000000
0.030	0.011548	0.615083	0.280	0.000000	1.000000
0.035	0.010299	0.705732	0.285	0.000000	1.000000
0.040	0.008645	0.783877	0.290	0.000000	1.000000
0.045	0.006905	0.846566	0.295	0.000000	1.000000
0.050	0.005301	0.893984	0.300	0.000000	1.000000
0.055	0.003946	0.928252	0.305	0.000000	1.000000
0.060	0.002869	0.952189	0.310	0.000000	1.000000
0.065	0.002047	0.968504	0.315	0.000000	1.000000
0.070	0.001440	0.979427	0.320	0.000000	1.000000
0.075	0.001001	0.986649	0.325	0.000000	1.000000
0.080	0.000690	0.991379	0.330	0.000000	1.000000
0.085	0.000471	0.994457	0.335	0.000000	1.000000
0.090	0.000320	0.996448	0.340	0.000000	1.000000
0.095	0.000216	0.997731	0.345	0.000000	1.000000
0.100	0.000144	0.998555	0.350	0.000000	1.000000
0.105	0.000096	0.999082	0.355	0.000000	1.000000
0.110	0.000064	0.999419	0.360	0.000000	1.000000
0.115	0.000042	0.999633	0.365	0.000000	1.000000
0.120	0.000028	0.999768	0.370	0.000000	1.000000
0.125	0.000018	0.999854	0.375	0.000000	1.000000
0.130	0.000012	0.999909	0.380	0.000000	1.000000
0.135	0.000008	0.999943	0.385	0.000000	1.000000
0.140	0.000005	0.999964	0.390	0.000000	1.000000
0.145	0.000003	0.999978	0.395	0.000000	1.000000
0.150	0.000002	0.999986	0.400	0.000000	1.000000
0.155	0.000001	0.999991	0.405	0.000000	1.000000
0.160	0.000001	0.999995	0.410	0.000000	1.000000
0.165	0.000001	0.999997	0.415	0.000000	1.000000
0.170	0.000000	0.999998	0.420	0.000000	1.000000
0.175	0.000000	0.999999	0.425	0.000000	1.000000
0.180	0.000000	0.999999	0.430	0.000000	1.000000
0.185	0.000000	1.000000	0.435	0.000000	1.000000
0.190	0.000000	1.000000	0.440	0.000000	1.000000
0.195	0.000000	1.000000	0.445	0.000000	1.000000
0.200	0.000000	1.000000	0.450	0.000000	1.000000
0.205	0.000000	1.000000	0.455	0.000000	1.000000
0.210	0.000000	1.000000	0.460	0.000000	1.000000
0.215	0.000000	1.000000	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXV
 AOQ AND AFI VALUES FOR CSP-3
 $f = 0.250$ AND $i = 80$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003620	0.275917	0.255	0.000000	1.000000
0.010	0.006689	0.331242	0.260	0.000000	1.000000
0.015	0.008904	0.406412	0.265	0.000000	1.000000
0.020	0.010100	0.494995	0.270	0.000000	1.000000
0.025	0.010269	0.589236	0.275	0.000000	1.000000
0.030	0.009583	0.680574	0.280	0.000000	1.000000
0.035	0.008338	0.761773	0.285	0.000000	1.000000
0.040	0.006854	0.828650	0.290	0.000000	1.000000
0.045	0.005385	0.880335	0.295	0.000000	1.000000
0.050	0.004084	0.918323	0.300	0.000000	1.000000
0.055	0.003014	0.945206	0.305	0.000000	1.000000
0.060	0.002178	0.963708	0.310	0.000000	1.000000
0.065	0.001548	0.976190	0.315	0.000000	1.000000
0.070	0.001086	0.984491	0.320	0.000000	1.000000
0.075	0.000754	0.989953	0.325	0.000000	1.000000
0.080	0.000518	0.993521	0.330	0.000000	1.000000
0.085	0.000354	0.995837	0.335	0.000000	1.000000
0.090	0.000240	0.997334	0.340	0.000000	1.000000
0.095	0.000162	0.998298	0.345	0.000000	1.000000
0.100	0.000108	0.998916	0.350	0.000000	1.000000
0.105	0.000072	0.999312	0.355	0.000000	1.000000
0.110	0.000048	0.999564	0.360	0.000000	1.000000
0.115	0.000032	0.999724	0.365	0.000000	1.000000
0.120	0.000021	0.999826	0.370	0.000000	1.000000
0.125	0.000014	0.999891	0.375	0.000000	1.000000
0.130	0.000009	0.999932	0.380	0.000000	1.000000
0.135	0.000006	0.999957	0.385	0.000000	1.000000
0.140	0.000004	0.999973	0.390	0.000000	1.000000
0.145	0.000002	0.999983	0.395	0.000000	1.000000
0.150	0.000002	0.999990	0.400	0.000000	1.000000
0.155	0.000001	0.999994	0.405	0.000000	1.000000
0.160	0.000001	0.999996	0.410	0.000000	1.000000
0.165	0.000000	0.999998	0.415	0.000000	1.000000
0.170	0.000000	0.999999	0.420	0.000000	1.000000
0.175	0.000000	0.999999	0.425	0.000000	1.000000
0.180	0.000000	0.999999	0.430	0.000000	1.000000
0.185	0.000000	1.000000	0.435	0.000000	1.000000
0.190	0.000000	1.000000	0.440	0.000000	1.000000
0.195	0.000000	1.000000	0.445	0.000000	1.000000
0.200	0.000000	1.000000	0.450	0.000000	1.000000
0.205	0.000000	1.000000	0.455	0.000000	1.000000
0.210	0.000000	1.000000	0.460	0.000000	1.000000
0.215	0.000000	1.000000	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXVI

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.300$ AND $i = 80$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003356	0.329928	0.255	0.000000	1.000000
0.010	0.006109	0.389062	0.260	0.000000	1.000000
0.015	0.007977	0.468168	0.265	0.000000	1.000000
0.020	0.008849	0.557567	0.270	0.000000	1.000000
0.025	0.008789	0.648424	0.275	0.000000	1.000000
0.030	0.008023	0.732575	0.280	0.000000	1.000000
0.035	0.006848	0.804355	0.285	0.000000	1.000000
0.040	0.005542	0.861452	0.290	0.000000	1.000000
0.045	0.004303	0.904384	0.295	0.000000	1.000000
0.050	0.003235	0.935299	0.300	0.000000	1.000000
0.055	0.002373	0.956857	0.305	0.000000	1.000000
0.060	0.001707	0.971544	0.310	0.000000	1.000000
0.065	0.001210	0.981383	0.315	0.000000	1.000000
0.070	0.000847	0.987895	0.320	0.000000	1.000000
0.075	0.000587	0.992168	0.325	0.000000	1.000000
0.080	0.000404	0.994953	0.330	0.000000	1.000000
0.085	0.000275	0.996759	0.335	0.000000	1.000000
0.090	0.000187	0.997925	0.340	0.000000	1.000000
0.095	0.000126	0.998675	0.345	0.000000	1.000000
0.100	0.000084	0.999157	0.350	0.000000	1.000000
0.105	0.000056	0.999464	0.355	0.000000	1.000000
0.110	0.000037	0.999661	0.360	0.000000	1.000000
0.115	0.000025	0.999786	0.365	0.000000	1.000000
0.120	0.000016	0.999865	0.370	0.000000	1.000000
0.125	0.000011	0.999915	0.375	0.000000	1.000000
0.130	0.000007	0.999947	0.380	0.000000	1.000000
0.135	0.000005	0.999967	0.385	0.000000	1.000000
0.140	0.000003	0.999979	0.390	0.000000	1.000000
0.145	0.000002	0.999987	0.395	0.000000	1.000000
0.150	0.000001	0.999992	0.400	0.000000	1.000000
0.155	0.000001	0.999995	0.405	0.000000	1.000000
0.160	0.000000	0.999997	0.410	0.000000	1.000000
0.165	0.000000	0.999998	0.415	0.000000	1.000000
0.170	0.000000	0.999999	0.420	0.000000	1.000000
0.175	0.000000	0.999999	0.425	0.000000	1.000000
0.180	0.000000	1.000000	0.430	0.000000	1.000000
0.185	0.000000	1.000000	0.435	0.000000	1.000000
0.190	0.000000	1.000000	0.440	0.000000	1.000000
0.195	0.000000	1.000000	0.445	0.000000	1.000000
0.200	0.000000	1.000000	0.450	0.000000	1.000000
0.205	0.000000	1.000000	0.455	0.000000	1.000000
0.210	0.000000	1.000000	0.460	0.000000	1.000000
0.215	0.000000	1.000000	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXVII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.350$ AND $i = 80$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003095	0.381017	0.255	0.000000	1.000000
C.C10	0.005555	0.444480	0.260	0.000000	1.000000
C.C15	0.007122	0.525168	0.265	0.000000	1.000000
C.C20	0.007742	0.612908	0.270	0.000000	1.000000
C.C25	0.007536	0.698545	0.275	0.000000	1.000000
C.C30	0.006754	0.774864	0.280	0.000000	1.000000
C.C35	0.005677	0.837807	0.285	0.000000	1.000000
C.C40	0.004539	0.886518	0.290	0.000000	1.000000
C.C45	0.003493	0.922383	0.295	0.000000	1.000000
C.C50	0.002609	0.947814	0.300	0.000000	1.000000
C.C55	0.001905	0.965357	0.305	0.000000	1.000000
C.C60	0.001367	0.977219	0.310	0.000000	1.000000
C.C65	0.000967	0.985126	0.315	0.000000	1.000000
C.C70	0.000676	0.990342	0.320	0.000000	1.000000
C.C75	0.000468	0.993757	0.325	0.000000	1.000000
C.C80	0.000322	0.995979	0.330	0.000000	1.000000
C.C85	0.000219	0.997419	0.335	0.000000	1.000000
C.C90	0.000149	0.998348	0.340	0.000000	1.000000
C.C95	0.000100	0.998945	0.345	0.000000	1.000000
C.100	0.000067	0.999329	0.350	0.000000	1.000000
C.105	0.000045	0.999574	0.355	0.000000	1.000000
C.110	0.000030	0.999730	0.360	0.000000	1.000000
C.115	0.000020	0.999829	0.365	0.000000	1.000000
C.120	0.000013	0.999892	0.370	0.000000	1.000000
C.125	0.000008	0.999932	0.375	0.000000	1.000000
C.130	0.000006	0.999958	0.380	0.000000	1.000000
C.135	0.000004	0.999973	0.385	0.000000	1.000000
C.140	0.000002	0.999983	0.390	0.000000	1.000000
C.145	0.000001	0.999990	0.395	0.000000	1.000000
C.150	0.000001	0.999994	0.400	0.000000	1.000000
C.155	0.000001	0.999996	0.405	0.000000	1.000000
C.160	0.000000	0.999998	0.410	0.000000	1.000000
C.165	0.000000	0.999998	0.415	0.000000	1.000000
C.170	0.000000	0.999999	0.420	0.000000	1.000000
C.175	0.000000	0.999999	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXVIII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.400$ AND $i = 80$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002838	0.432500	0.255	0.000000	1.000000
0.010	0.005024	0.497644	0.260	0.000000	1.000000
0.015	0.006331	0.577942	0.265	0.000000	1.000000
0.020	0.006756	0.662203	0.270	0.000000	1.000000
0.025	0.006462	0.741533	0.275	0.000000	1.000000
0.030	0.005702	0.809930	0.280	0.000000	1.000000
0.035	0.004733	0.864780	0.285	0.000000	1.000000
0.040	0.003748	0.906297	0.290	0.000000	1.000000
0.045	0.002864	0.936360	0.295	0.000000	1.000000
0.050	0.002129	0.957423	0.300	0.000000	1.000000
0.055	0.001549	0.971831	0.305	0.000000	1.000000
0.060	0.001109	0.981519	0.310	0.000000	1.000000
0.065	0.000783	0.987952	0.315	0.000000	1.000000
0.070	0.000547	0.992185	0.320	0.000000	1.000000
0.075	0.000379	0.994951	0.325	0.000000	1.000000
0.080	0.000260	0.996750	0.330	0.000000	1.000000
0.085	0.000177	0.997914	0.335	0.000000	1.000000
0.090	0.000120	0.998665	0.340	0.000000	1.000000
0.095	0.000081	0.999148	0.345	0.000000	1.000000
0.100	0.000054	0.999458	0.350	0.000000	1.000000
0.105	0.000036	0.999656	0.355	0.000000	1.000000
0.110	0.000024	0.999782	0.360	0.000000	1.000000
0.115	0.000016	0.999862	0.365	0.000000	1.000000
0.120	0.000010	0.999913	0.370	0.000000	1.000000
0.125	0.000007	0.999945	0.375	0.000000	1.000000
0.130	0.000004	0.999966	0.380	0.000000	1.000000
0.135	0.000003	0.999979	0.395	0.000000	1.000000
0.140	0.000002	0.999987	0.390	0.000000	1.000000
0.145	0.000001	0.999992	0.395	0.000000	1.000000
0.150	0.000001	0.999995	0.400	0.000000	1.000000
0.155	0.000000	0.999997	0.405	0.000000	1.000000
0.160	0.000000	0.999998	0.410	0.000000	1.000000
0.165	0.000000	0.999999	0.415	0.000000	1.000000
0.170	0.000000	0.999999	0.420	0.000000	1.000000
0.175	0.000000	1.000000	0.425	0.000000	1.000000
0.180	0.000000	1.000000	0.430	0.000000	1.000000
0.185	0.000000	1.000000	0.435	0.000000	1.000000
0.190	0.000000	1.000000	0.440	0.000000	1.000000
0.195	0.000000	1.000000	0.445	0.000000	1.000000
0.200	0.000000	1.000000	0.450	0.000000	1.000000
0.205	0.000000	1.000000	0.455	0.000000	1.000000
0.210	0.000000	1.000000	0.460	0.000000	1.000000
0.215	0.000000	1.000000	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXIX

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.450$ AND $i = 80$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002584	0.483290	0.255	0.000000	1.000000
C.C10	0.004513	0.548688	0.260	0.000000	1.000000
C.C15	0.005596	0.626943	0.265	0.000000	1.000000
C.C20	0.005872	0.706391	0.270	0.000000	1.000000
C.C25	0.005530	0.778610	0.275	0.000000	1.000000
C.C30	0.004816	0.839478	0.280	0.000000	1.000000
C.C35	0.003955	0.886991	0.285	0.000000	1.000000
C.C40	0.003108	0.922301	0.290	0.000000	1.000000
C.C45	0.002361	0.947526	0.295	0.000000	1.000000
C.C50	0.001748	0.965032	0.300	0.000000	1.000000
C.C55	0.001269	0.976927	0.305	0.000000	1.000000
C.C60	0.000907	0.984889	0.310	0.000000	1.000000
C.C65	0.000640	0.990161	0.315	0.000000	1.000000
C.C70	0.000446	0.993623	0.320	0.000000	1.000000
C.C75	0.000309	0.995882	0.325	0.000000	1.000000
C.C80	0.000212	0.997350	0.330	0.000000	1.000000
C.C85	0.000145	0.998300	0.335	0.000000	1.000000
C.C90	0.000098	0.998912	0.340	0.000000	1.000000
C.C95	0.000066	0.999306	0.345	0.000000	1.000000
C.100	0.000044	0.999558	0.350	0.000000	1.000000
C.105	0.000029	0.999719	0.355	0.000000	1.000000
C.110	0.000020	0.999822	0.360	0.000000	1.000000
C.115	0.000013	0.999888	0.365	0.000000	1.000000
C.120	0.000008	0.999929	0.370	0.000000	1.000000
C.125	0.000006	0.999956	0.375	0.000000	1.000000
C.130	0.000004	0.999972	0.380	0.000000	1.000000
C.135	0.000002	0.999983	0.385	0.000000	1.000000
C.140	0.000002	0.999989	0.390	0.000000	1.000000
C.145	0.000001	0.999993	0.395	0.000000	1.000000
C.150	0.000001	0.999996	0.400	0.000000	1.000000
C.155	0.000000	0.999997	0.405	0.000000	1.000000
C.160	0.000000	0.999998	0.410	0.000000	1.000000
C.165	0.000000	0.999999	0.415	0.000000	1.000000
C.170	0.000000	0.999999	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXX
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.500$ AND $i = 80$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002333	0.533402	0.255	0.000000	1.000000
C.C10	0.004023	0.597736	0.260	0.000000	1.000000
C.C15	0.004912	0.672562	0.265	0.000000	1.000000
C.C20	0.005075	0.746228	0.270	0.000000	1.000000
C.C25	0.004714	0.811444	0.275	0.000000	1.000000
C.C30	0.004059	0.864716	0.280	0.000000	1.000000
C.C35	0.003304	0.905598	0.285	0.000000	1.000000
C.C40	0.002579	0.935517	0.290	0.000000	1.000000
C.C45	0.001951	0.956653	0.295	0.000000	1.000000
C.C50	0.001440	0.971207	0.300	0.000000	1.000000
C.C55	0.001043	0.981043	0.305	0.000000	1.000000
C.C60	0.000744	0.987603	0.310	0.000000	1.000000
C.C65	0.000524	0.991935	0.315	0.000000	1.000000
C.C70	0.000366	0.994776	0.320	0.000000	1.000000
C.C75	0.000253	0.996628	0.325	0.000000	1.000000
C.C80	0.000174	0.997831	0.330	0.000000	1.000000
C.C85	0.000118	0.998608	0.335	0.000000	1.000000
C.C90	0.000080	0.999110	0.340	0.000000	1.000000
C.C95	0.000054	0.999432	0.345	0.000000	1.000000
C.100	0.000036	0.999638	0.350	0.000000	1.000000
C.105	0.000024	0.999770	0.355	0.000000	1.000000
C.110	0.000016	0.999855	0.360	0.000000	1.000000
C.115	0.000011	0.999908	0.365	0.000000	1.000000
C.120	0.000007	0.999942	0.370	0.000000	1.000000
C.125	0.000005	0.999964	0.375	0.000000	1.000000
C.130	0.000003	0.999977	0.380	0.000000	1.000000
C.135	0.000002	0.999986	0.385	0.000000	1.000000
C.140	0.000001	0.999991	0.390	0.000000	1.000000
C.145	0.000001	0.999994	0.395	0.000000	1.000000
C.150	0.000001	0.999997	0.400	0.000000	1.000000
C.155	0.000000	0.999999	0.405	0.000000	1.000000
C.160	0.000000	0.999999	0.410	0.000000	1.000000
C.165	0.000000	0.999999	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXXI
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.050$ AND $i = 100$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004702	0.059645	0.255	0.000000	1.000000
C.C10	0.009169	0.083137	0.260	0.000000	1.000000
C.C15	0.013164	0.122371	0.265	0.000000	1.000000
C.C20	0.016356	0.182213	0.270	0.000000	1.000000
C.C25	0.018326	0.266970	0.275	0.000000	1.000000
C.C30	0.018704	0.376524	0.280	0.000000	1.000000
C.C35	0.017403	0.502768	0.285	0.000000	1.000000
C.C40	0.014789	0.630276	0.290	0.000000	1.000000
C.C45	0.011570	0.742885	0.295	0.000000	1.000000
C.C50	0.008449	0.831027	0.300	0.000000	1.000000
C.C55	0.005850	0.893645	0.305	0.000000	1.000000
C.C60	0.003895	0.935079	0.310	0.000000	1.000000
C.C65	0.002523	0.961192	0.315	0.000000	1.000000
C.C70	0.001601	0.977126	0.320	0.000000	1.000000
C.C75	0.001001	0.986648	0.325	0.000000	1.000000
C.C80	0.000619	0.992261	0.330	0.000000	1.000000
C.C85	0.000379	0.995538	0.335	0.000000	1.000000
C.C90	0.000231	0.997438	0.340	0.000000	1.000000
C.C95	0.000139	0.998535	0.345	0.000000	1.000000
C.100	0.000084	0.999165	0.350	0.000000	1.000000
C.105	0.000050	0.999526	0.355	0.000000	1.000000
C.110	0.000030	0.999731	0.360	0.000000	1.000000
C.115	0.000017	0.999848	0.365	0.000000	1.000000
C.120	0.000010	0.999915	0.370	0.000000	1.000000
C.125	0.000006	0.999952	0.375	0.000000	1.000000
C.130	0.000003	0.999973	0.380	0.000000	1.000000
C.135	0.000002	0.999985	0.385	0.000000	1.000000
C.140	0.000001	0.999992	0.390	0.000000	1.000000
C.145	0.000001	0.999995	0.395	0.000000	1.000000
C.150	0.000000	0.999997	0.400	0.000000	1.000000
C.155	0.000000	0.999999	0.405	0.000000	1.000000
C.160	0.000000	0.999999	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXXII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.100$ AND $i = 100$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004410	0.118090	0.255	0.000000	1.000000
C.C10	0.008393	0.160669	0.260	0.000000	1.000000
C.C15	0.011589	0.227418	0.265	0.000000	1.000000
C.C20	0.013602	0.319905	0.270	0.000000	1.000000
C.C25	0.014133	0.434666	0.275	0.000000	1.000000
C.C30	0.013187	0.560425	0.280	0.000000	1.000000
C.C35	0.011166	0.680982	0.285	0.000000	1.000000
C.C40	0.008698	0.782555	0.290	0.000000	1.000000
C.C45	0.006338	0.859148	0.295	0.000000	1.000000
C.C50	0.004393	0.912147	0.300	0.000000	1.000000
C.C55	0.002935	0.946634	0.305	0.000000	1.000000
C.C60	0.001910	0.968160	0.310	0.000000	1.000000
C.C65	0.001220	0.981234	0.315	0.000000	1.000000
C.C70	0.000768	0.989033	0.320	0.000000	1.000000
C.C75	0.000478	0.993631	0.325	0.000000	1.000000
C.C80	0.000294	0.996319	0.330	0.000000	1.000000
C.C85	0.000180	0.997881	0.335	0.000000	1.000000
C.C90	0.000109	0.998785	0.340	0.000000	1.000000
C.C95	0.000066	0.999305	0.345	0.000000	1.000000
C.100	0.000040	0.999604	0.350	0.000000	1.000000
C.105	0.000024	0.999775	0.355	0.000000	1.000000
C.110	0.000014	0.999873	0.360	0.000000	1.000000
C.115	0.000008	0.999928	0.365	0.000000	1.000000
C.120	0.000005	0.999960	0.370	0.000000	1.000000
C.125	0.000003	0.999977	0.375	0.000000	1.000000
C.130	0.000002	0.999987	0.380	0.000000	1.000000
C.135	0.000001	0.999993	0.385	0.000000	1.000000
C.140	0.000001	0.999996	0.390	0.000000	1.000000
C.145	0.000000	0.999998	0.395	0.000000	1.000000
C.150	0.000000	0.999999	0.400	0.000000	1.000000
C.155	0.000000	0.999999	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXXIII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.150$ AND $i = 100$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004123	0.175373	0.255	0.000000	1.000000
C.C10	0.007669	0.233145	0.260	0.000000	1.000000
C.C15	0.010221	0.318575	0.265	0.000000	1.000000
C.C20	0.011448	0.427615	0.270	0.000000	1.000000
C.C25	0.011255	0.549781	0.275	0.000000	1.000000
C.C30	0.009918	0.669403	0.280	0.000000	1.000000
C.C35	0.007972	0.772224	0.285	0.000000	1.000000
C.C40	0.005956	0.851098	0.290	0.000000	1.000000
C.C45	0.004210	0.906434	0.295	0.000000	1.000000
C.C50	0.002859	0.942825	0.300	0.000000	1.000000
C.C55	0.001885	0.965722	0.305	0.000000	1.000000
C.C60	0.001217	0.979713	0.310	0.000000	1.000000
C.C65	0.000773	0.988102	0.315	0.000000	1.000000
C.C70	0.000485	0.993067	0.320	0.000000	1.000000
C.C75	0.000301	0.995980	0.325	0.000000	1.000000
C.C80	0.000186	0.997679	0.330	0.000000	1.000000
C.C85	0.000113	0.998665	0.335	0.000000	1.000000
C.C90	0.000069	0.999235	0.340	0.000000	1.000000
C.C95	0.000042	0.999563	0.345	0.000000	1.000000
C.100	0.000025	0.999751	0.350	0.000000	1.000000
C.105	0.000015	0.999858	0.355	0.000000	1.000000
C.110	0.000009	0.999920	0.360	0.000000	1.000000
C.115	0.000005	0.999955	0.365	0.000000	1.000000
C.120	0.000003	0.999975	0.370	0.000000	1.000000
C.125	0.000002	0.999986	0.375	0.000000	1.000000
C.130	0.000001	0.999992	0.380	0.000000	1.000000
C.135	0.000001	0.999996	0.385	0.000000	1.000000
C.140	0.000000	0.999998	0.390	0.000000	1.000000
C.145	0.000000	0.999999	0.395	0.000000	1.000000
C.150	0.000000	0.999999	0.400	0.000000	1.000000
C.155	0.000000	1.000000	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXXIV
AOQ AND AFI VALUES FOR CSP-3
f = 0.200 AND i = 100

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003842	0.231527	0.255	0.000000	1.000000
C.C10	0.006990	0.301044	0.260	0.000000	1.000000
C.C15	0.009024	0.398428	0.265	0.000000	1.000000
C.C20	0.009716	0.514176	0.270	0.000000	1.000000
C.C25	0.009158	0.633693	0.275	0.000000	1.000000
C.C30	0.007755	0.741507	0.280	0.000000	1.000000
C.C35	0.006031	0.827672	0.285	0.000000	1.000000
C.C40	0.004397	0.890079	0.290	0.000000	1.000000
C.C45	0.003056	0.932085	0.295	0.000000	1.000000
C.C50	0.002052	0.958951	0.300	0.000000	1.000000
C.C55	0.001344	0.975557	0.305	0.000000	1.000000
C.C60	0.000864	0.985594	0.310	0.000000	1.000000
C.C65	0.000548	0.991572	0.315	0.000000	1.000000
C.C70	0.000343	0.995096	0.320	0.000000	1.000000
C.C75	0.000213	0.997159	0.325	0.000000	1.000000
C.C80	0.000131	0.998361	0.330	0.000000	1.000000
C.C85	0.000080	0.999057	0.335	0.000000	1.000000
C.C90	0.000049	0.999460	0.340	0.000000	1.000000
C.C95	0.000029	0.999691	0.345	0.000000	1.000000
C.100	0.000018	0.999824	0.350	0.000000	1.000000
C.105	0.000010	0.999900	0.355	0.000000	1.000000
C.110	0.000006	0.999943	0.360	0.000000	1.000000
C.115	0.000004	0.999968	0.365	0.000000	1.000000
C.120	0.000002	0.999982	0.370	0.000000	1.000000
C.125	0.000001	0.999990	0.375	0.000000	1.000000
C.130	0.000001	0.999994	0.380	0.000000	1.000000
C.135	0.000000	0.999997	0.385	0.000000	1.000000
C.140	0.000000	0.999998	0.390	0.000000	1.000000
C.145	0.000000	0.999999	0.395	0.000000	1.000000
C.150	0.000000	0.999999	0.400	0.000000	1.000000
C.155	0.000000	1.000000	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXXV
 AOQ AND AFI VALUES FOR CSP-3
 $f = 0.250$ AND $i = 100$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003567	0.286585	0.255	0.000000	1.000000
C.C10	0.006352	0.364787	0.260	0.000000	1.000000
C.C15	0.007966	0.468955	0.265	0.000000	1.000000
C.C20	0.008295	0.585259	0.270	0.000000	1.000000
C.C25	0.007561	0.697575	0.275	0.000000	1.000000
C.C30	0.006218	0.792736	0.280	0.000000	1.000000
C.C35	0.004727	0.864935	0.285	0.000000	1.000000
C.C40	0.003391	0.915230	0.290	0.000000	1.000000
C.C45	0.002332	0.948184	0.295	0.000000	1.000000
C.C50	0.001555	0.968894	0.300	0.000000	1.000000
C.C55	0.001014	0.981555	0.305	0.000000	1.000000
C.C60	0.000651	0.989157	0.310	0.000000	1.000000
C.C65	0.000412	0.993665	0.315	0.000000	1.000000
C.C70	0.000258	0.996317	0.320	0.000000	1.000000
C.C75	0.000160	0.997868	0.325	0.000000	1.000000
C.C80	0.000098	0.998770	0.330	0.000000	1.000000
C.C85	0.000060	0.999293	0.335	0.000000	1.000000
C.C90	0.000036	0.999595	0.340	0.000000	1.000000
C.C95	0.000022	0.999768	0.345	0.000000	1.000000
C.100	0.000013	0.999868	0.350	0.000000	1.000000
C.105	0.000008	0.999925	0.355	0.000000	1.000000
C.110	0.000005	0.999958	0.360	0.000000	1.000000
C.115	0.000003	0.999976	0.365	0.000000	1.000000
C.120	0.000002	0.999987	0.370	0.000000	1.000000
C.125	0.000001	0.999992	0.375	0.000000	1.000000
C.130	0.000001	0.999996	0.380	0.000000	1.000000
C.135	0.000000	0.999998	0.385	0.000000	1.000000
C.140	0.000000	0.999999	0.390	0.000000	1.000000
C.145	0.000000	0.999999	0.395	0.000000	1.000000
C.150	0.000000	1.000000	0.400	0.000000	1.000000
C.155	0.000000	1.000000	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXXVI

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.300$ AND $i = 100$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003297	0.340579	0.255	0.000000	1.000000
C.C10	0.005753	0.424743	0.260	0.000000	1.000000
C.C15	0.007024	0.531701	0.265	0.000000	1.000000
C.C20	0.007106	0.644676	0.270	0.000000	1.000000
C.C25	0.006304	0.747833	0.275	0.000000	1.000000
C.C30	0.005070	0.831012	0.280	0.000000	1.000000
C.C35	0.003791	0.891699	0.285	0.000000	1.000000
C.C40	0.002688	0.932802	0.290	0.000000	1.000000
C.C45	0.001835	0.959229	0.295	0.000000	1.000000
C.C50	0.001218	0.975638	0.300	0.000000	1.000000
C.C55	0.000792	0.985595	0.305	0.000000	1.000000
C.C60	0.000507	0.991546	0.310	0.000000	1.000000
C.C65	0.000321	0.995066	0.315	0.000000	1.000000
C.C70	0.000201	0.997133	0.320	0.000000	1.000000
C.C75	0.000124	0.998341	0.325	0.000000	1.000000
C.C80	0.000077	0.999043	0.330	0.000000	1.000000
C.C85	0.000047	0.999450	0.335	0.000000	1.000000
C.C90	0.000028	0.999685	0.340	0.000000	1.000000
C.C95	0.000017	0.999820	0.345	0.000000	1.000000
C.100	0.000010	0.999897	0.350	0.000000	1.000000
C.105	0.000006	0.999942	0.355	0.000000	1.000000
C.110	0.000004	0.999967	0.360	0.000000	1.000000
C.115	0.000002	0.999981	0.365	0.000000	1.000000
C.120	0.000001	0.999990	0.370	0.000000	1.000000
C.125	0.000001	0.999994	0.375	0.000000	1.000000
C.130	0.000000	0.999997	0.380	0.000000	1.000000
C.135	0.000000	0.999998	0.385	0.000000	1.000000
C.140	0.000000	0.999999	0.390	0.000000	1.000000
C.145	0.000000	0.999999	0.395	0.000000	1.000000
C.150	0.000000	1.000000	0.400	0.000000	1.000000
C.155	0.000000	1.000000	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXXVII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.350$ AND $i = 100$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003032	0.393540	0.255	0.000000	1.000000
C.C10	0.005188	0.481240	0.260	0.000000	1.000000
C.C15	0.006182	0.587886	0.265	0.000000	1.000000
C.C20	0.006098	0.695079	0.270	0.000000	1.000000
C.C25	0.005290	0.788407	0.275	0.000000	1.000000
C.C30	0.004179	0.860695	0.280	0.000000	1.000000
C.C35	0.003085	0.911853	0.285	0.000000	1.000000
C.C40	0.002169	0.945772	0.290	0.000000	1.000000
C.C45	0.001473	0.967277	0.295	0.000000	1.000000
C.C50	0.000974	0.980513	0.300	0.000000	1.000000
C.C55	0.000632	0.988501	0.305	0.000000	1.000000
C.C60	0.000404	0.993260	0.310	0.000000	1.000000
C.C65	0.000256	0.996069	0.315	0.000000	1.000000
C.C70	0.000160	0.997717	0.320	0.000000	1.000000
C.C75	0.000099	0.998679	0.325	0.000000	1.000000
C.C80	0.000061	0.999239	0.330	0.000000	1.000000
C.C85	0.000037	0.999562	0.335	0.000000	1.000000
C.C90	0.000023	0.999749	0.340	0.000000	1.000000
C.C95	0.000014	0.999857	0.345	0.000000	1.000000
C.100	0.000008	0.999918	0.350	0.000000	1.000000
C.105	0.000005	0.999954	0.355	0.000000	1.000000
C.110	0.000003	0.999974	0.360	0.000000	1.000000
C.115	0.000002	0.999985	0.365	0.000000	1.000000
C.120	0.000001	0.999992	0.370	0.000000	1.000000
C.125	0.000001	0.999995	0.375	0.000000	1.000000
C.130	0.000000	0.999997	0.380	0.000000	1.000000
C.135	0.000000	0.999999	0.385	0.000000	1.000000
C.140	0.000000	0.999999	0.390	0.000000	1.000000
C.145	0.000000	1.000000	0.395	0.000000	1.000000
C.150	0.000000	1.000000	0.400	0.000000	1.000000
C.155	0.000000	1.000000	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXXVIII
 AOQ AND AFI VALUES FOR CSP-3
 $f = 0.400$ AND $i = 100$

P	AOQ	AFI	P	AOQ	AFI
C.005	0.002773	0.445497	0.255	0.000000	1.000000
C.010	0.004654	0.534570	0.260	0.000000	1.000000
C.015	0.005423	0.638488	0.265	0.000000	1.000000
C.020	0.005232	0.738377	0.270	0.000000	1.000000
C.025	0.004454	0.821849	0.275	0.000000	1.000000
C.030	0.003468	0.884387	0.280	0.000000	1.000000
C.035	0.002535	0.927577	0.285	0.000000	1.000000
C.040	0.001770	0.955739	0.290	0.000000	1.000000
C.045	0.001197	0.973403	0.295	0.000000	1.000000
C.050	0.000790	0.984201	0.300	0.000000	1.000000
C.055	0.000512	0.990692	0.305	0.000000	1.000000
C.060	0.000327	0.994549	0.310	0.000000	1.000000
C.065	0.000207	0.996823	0.315	0.000000	1.000000
C.070	0.000129	0.998155	0.320	0.000000	1.000000
C.075	0.000080	0.998933	0.325	0.000000	1.000000
C.080	0.000049	0.999385	0.330	0.000000	1.000000
C.085	0.000030	0.999646	0.335	0.000000	1.000000
C.090	0.000018	0.999797	0.340	0.000000	1.000000
C.095	0.000011	0.999884	0.345	0.000000	1.000000
C.100	0.000007	0.999934	0.350	0.000000	1.000000
C.105	0.000004	0.999963	0.355	0.000000	1.000000
C.110	0.000002	0.999979	0.360	0.000000	1.000000
C.115	0.000001	0.999988	0.365	0.000000	1.000000
C.120	0.000001	0.999993	0.370	0.000000	1.000000
C.125	0.000000	0.999996	0.375	0.000000	1.000000
C.130	0.000000	0.999998	0.380	0.000000	1.000000
C.135	0.000000	0.999999	0.385	0.000000	1.000000
C.140	0.000000	0.999999	0.390	0.000000	1.000000
C.145	0.000000	1.000000	0.395	0.000000	1.000000
C.150	0.000000	1.000000	0.400	0.000000	1.000000
C.155	0.000000	1.000000	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE LXXXIX
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.450$ AND $i = 100$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002518	0.496478	0.255	0.000000	1.000000
C.C10	0.004150	0.584990	0.260	0.000000	1.000000
C.C15	0.004736	0.684300	0.265	0.000000	1.000000
C.C20	0.004481	0.775972	0.270	0.000000	1.000000
C.C25	0.003753	0.849887	0.275	0.000000	1.000000
C.C30	0.002888	0.903736	0.280	0.000000	1.000000
C.C35	0.002093	0.940186	0.285	0.000000	1.000000
C.C40	0.001455	0.963637	0.290	0.000000	1.000000
C.C45	0.000980	0.978221	0.295	0.000000	1.000000
C.C50	0.000646	0.987089	0.300	0.000000	1.000000
C.C55	0.000418	0.992402	0.305	0.000000	1.000000
C.C60	0.000267	0.995554	0.310	0.000000	1.000000
C.C65	0.000168	0.997409	0.315	0.000000	1.000000
C.C70	0.000105	0.998496	0.320	0.000000	1.000000
C.C75	0.000065	0.999130	0.325	0.000000	1.000000
C.C80	0.000040	0.999499	0.330	0.000000	1.000000
C.C85	0.000025	0.999712	0.335	0.000000	1.000000
C.C90	0.000015	0.999835	0.340	0.000000	1.000000
C.C95	0.000009	0.999906	0.345	0.000000	1.000000
C.100	0.000005	0.999946	0.350	0.000000	1.000000
C.105	0.000003	0.999969	0.355	0.000000	1.000000
C.110	0.000002	0.999983	0.360	0.000000	1.000000
C.115	0.000001	0.999990	0.365	0.000000	1.000000
C.120	0.000001	0.999995	0.370	0.000000	1.000000
C.125	0.000000	0.999997	0.375	0.000000	1.000000
C.130	0.000000	0.999998	0.380	0.000000	1.000000
C.135	0.000000	0.999999	0.385	0.000000	1.000000
C.140	0.000000	0.999999	0.390	0.000000	1.000000
C.145	0.000000	1.000000	0.395	0.000000	1.000000
C.150	0.000000	1.000000	0.400	0.000000	1.000000
C.155	0.000000	1.000000	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE XC

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.500$ AND $i = 100$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002267	0.546511	0.255	0.000000	1.000000
0.010	0.003673	0.632734	0.260	0.000000	1.000000
0.015	0.004110	0.725971	0.265	0.000000	1.000000
0.020	0.003822	0.808921	0.270	0.000000	1.000000
0.025	0.003157	0.873734	0.275	0.000000	1.000000
0.030	0.002405	0.919835	0.280	0.000000	1.000000
0.035	0.001732	0.950523	0.285	0.000000	1.000000
0.040	0.001198	0.970051	0.290	0.000000	1.000000
0.045	0.000805	0.982110	0.295	0.000000	1.000000
0.050	0.000529	0.989412	0.300	0.000000	1.000000
0.055	0.000342	0.993775	0.305	0.000000	1.000000
0.060	0.000218	0.996359	0.310	0.000000	1.000000
0.065	0.000138	0.997879	0.315	0.000000	1.000000
0.070	0.000086	0.998769	0.320	0.000000	1.000000
0.075	0.000053	0.999288	0.325	0.000000	1.000000
0.080	0.000033	0.999590	0.330	0.000000	1.000000
0.085	0.000020	0.999764	0.335	0.000000	1.000000
0.090	0.000012	0.999865	0.340	0.000000	1.000000
0.095	0.000007	0.999923	0.345	0.000000	1.000000
0.100	0.000004	0.999956	0.350	0.000000	1.000000
0.105	0.000003	0.999975	0.355	0.000000	1.000000
0.110	0.000002	0.999986	0.360	0.000000	1.000000
0.115	0.000001	0.999992	0.365	0.000000	1.000000
0.120	0.000001	0.999996	0.370	0.000000	1.000000
0.125	0.000000	0.999997	0.375	0.000000	1.000000
0.130	0.000000	0.999999	0.380	0.000000	1.000000
0.135	0.000000	0.999999	0.385	0.000000	1.000000
0.140	0.000000	1.000000	0.390	0.000000	1.000000
0.145	0.000000	1.000000	0.395	0.000000	1.000000
0.150	0.000000	1.000000	0.400	0.000000	1.000000
0.155	0.000000	1.000000	0.405	0.000000	1.000000
0.160	0.000000	1.000000	0.410	0.000000	1.000000
0.165	0.000000	1.000000	0.415	0.000000	1.000000
0.170	0.000000	1.000000	0.420	0.000000	1.000000
0.175	0.000000	1.000000	0.425	0.000000	1.000000
0.180	0.000000	1.000000	0.430	0.000000	1.000000
0.185	0.000000	1.000000	0.435	0.000000	1.000000
0.190	0.000000	1.000000	0.440	0.000000	1.000000
0.195	0.000000	1.000000	0.445	0.000000	1.000000
0.200	0.000000	1.000000	0.450	0.000000	1.000000
0.205	0.000000	1.000000	0.455	0.000000	1.000000
0.210	0.000000	1.000000	0.460	0.000000	1.000000
0.215	0.000000	1.000000	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE XCI
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.050$ AND $i = 200$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.004591	0.081860	0.255	0.000000	1.000000
0.010	0.008226	0.177354	0.260	0.000000	1.000000
0.015	0.009541	0.363943	0.265	0.000000	1.000000
0.020	0.007776	0.611216	0.270	0.000000	1.000000
0.025	0.004640	0.814417	0.275	0.000000	1.000000
0.030	0.002245	0.925163	0.280	0.000000	1.000000
0.035	0.000971	0.972268	0.285	0.000000	1.000000
0.040	0.000396	0.990100	0.290	0.000000	1.000000
0.045	0.000156	0.996527	0.295	0.000000	1.000000
0.050	0.000060	0.998793	0.300	0.000000	1.000000
0.055	0.000023	0.999584	0.305	0.000000	1.000000
0.060	0.000009	0.999857	0.310	0.000000	1.000000
0.065	0.000003	0.999951	0.315	0.000000	1.000000
0.070	0.000001	0.999983	0.320	0.000000	1.000000
0.075	0.000000	0.999994	0.325	0.000000	1.000000
0.080	0.000000	0.999998	0.330	0.000000	1.000000
0.085	0.000000	0.999999	0.335	0.000000	1.000000
0.090	0.000000	1.000000	0.340	0.000000	1.000000
0.095	0.000000	1.000000	0.345	0.000000	1.000000
0.100	0.000000	1.000000	0.350	0.000000	1.000000
0.105	0.000000	1.000000	0.355	0.000000	1.000000
0.110	0.000000	1.000000	0.360	0.000000	1.000000
0.115	0.000000	1.000000	0.365	0.000000	1.000000
0.120	0.000000	1.000000	0.370	0.000000	1.000000
0.125	0.000000	1.000000	0.375	0.000000	1.000000
0.130	0.000000	1.000000	0.380	0.000000	1.000000
0.135	0.000000	1.000000	0.385	0.000000	1.000000
0.140	0.000000	1.000000	0.390	0.000000	1.000000
0.145	0.000000	1.000000	0.395	0.000000	1.000000
0.150	0.000000	1.000000	0.400	0.000000	1.000000
0.155	0.000000	1.000000	0.405	0.000000	1.000000
0.160	0.000000	1.000000	0.410	0.000000	1.000000
0.165	0.000000	1.000000	0.415	0.000000	1.000000
0.170	0.000000	1.000000	0.420	0.000000	1.000000
0.175	0.000000	1.000000	0.425	0.000000	1.000000
0.180	0.000000	1.000000	0.430	0.000000	1.000000
0.185	0.000000	1.000000	0.435	0.000000	1.000000
0.190	0.000000	1.000000	0.440	0.000000	1.000000
0.195	0.000000	1.000000	0.445	0.000000	1.000000
0.200	0.000000	1.000000	0.450	0.000000	1.000000
0.205	0.000000	1.000000	0.455	0.000000	1.000000
0.210	0.000000	1.000000	0.460	0.000000	1.000000
0.215	0.000000	1.000000	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE XCII
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.100$ AND $i = 200$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.004208	0.158408	0.255	0.000000	1.000000
C.C10	0.006872	0.312778	0.260	0.000000	1.000000
C.C15	0.006794	0.547091	0.265	0.000000	1.000000
C.C20	0.004631	0.768461	0.270	0.000000	1.000000
C.C25	0.002436	0.902576	0.275	0.000000	1.000000
C.C30	0.001107	0.963097	0.280	0.000000	1.000000
C.C35	0.000467	0.986669	0.285	0.000000	1.000000
C.C40	0.000189	0.995286	0.290	0.000000	1.000000
C.C45	0.000074	0.998352	0.295	0.000000	1.000000
C.C50	0.000029	0.999428	0.300	0.000000	1.000000
C.C55	0.000011	0.999803	0.305	0.000000	1.000000
C.C60	0.000004	0.999932	0.310	0.000000	1.000000
C.C65	0.000002	0.999977	0.315	0.000000	1.000000
C.C70	0.000001	0.999992	0.320	0.000000	1.000000
C.C75	0.000000	0.999997	0.325	0.000000	1.000000
C.C80	0.000000	0.999999	0.330	0.000000	1.000000
C.C85	0.000000	1.000000	0.335	0.000000	1.000000
C.C90	0.000000	1.000000	0.340	0.000000	1.000000
C.C95	0.000000	1.000000	0.345	0.000000	1.000000
C.100	0.000000	1.000000	0.350	0.000000	1.000000
C.105	0.000000	1.000000	0.355	0.000000	1.000000
C.110	0.000000	1.000000	0.360	0.000000	1.000000
C.115	0.000000	1.000000	0.365	0.000000	1.000000
C.120	0.000000	1.000000	0.370	0.000000	1.000000
C.125	0.000000	1.000000	0.375	0.000000	1.000000
C.130	0.000000	1.000000	0.380	0.000000	1.000000
C.135	0.000000	1.000000	0.385	0.000000	1.000000
C.140	0.000000	1.000000	0.390	0.000000	1.000000
C.145	0.000000	1.000000	0.395	0.000000	1.000000
C.150	0.000000	1.000000	0.400	0.000000	1.000000
C.155	0.000000	1.000000	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE XCIII

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.150$ AND $i = 200$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003849	0.230144	0.255	0.000000	1.000000
0.010	0.005804	0.419570	0.260	0.000000	1.000000
0.015	0.005140	0.657359	0.265	0.000000	1.000000
0.020	0.003189	0.840542	0.270	0.000000	1.000000
0.025	0.001591	0.936363	0.275	0.000000	1.000000
0.030	0.000707	0.976443	0.280	0.000000	1.000000
0.035	0.000295	0.991565	0.285	0.000000	1.000000
0.040	0.000119	0.997027	0.290	0.000000	1.000000
0.045	0.000047	0.998962	0.295	0.000000	1.000000
0.050	0.000018	0.999640	0.300	0.000000	1.000000
0.055	0.000007	0.999876	0.305	0.000000	1.000000
0.060	0.000003	0.999957	0.310	0.000000	1.000000
0.065	0.000001	0.999985	0.315	0.000000	1.000000
0.070	0.000000	0.999995	0.320	0.000000	1.000000
0.075	0.000000	0.999998	0.325	0.000000	1.000000
0.080	0.000000	0.999999	0.330	0.000000	1.000000
0.085	0.000000	1.000000	0.335	0.000000	1.000000
0.090	0.000000	1.000000	0.340	0.000000	1.000000
0.095	0.000000	1.000000	0.345	0.000000	1.000000
0.100	0.000000	1.000000	0.350	0.000000	1.000000
0.105	0.000000	1.000000	0.355	0.000000	1.000000
0.110	0.000000	1.000000	0.360	0.000000	1.000000
0.115	0.000000	1.000000	0.365	0.000000	1.000000
0.120	0.000000	1.000000	0.370	0.000000	1.000000
0.125	0.000000	1.000000	0.375	0.000000	1.000000
0.130	0.000000	1.000000	0.380	0.000000	1.000000
0.135	0.000000	1.000000	0.385	0.000000	1.000000
0.140	0.000000	1.000000	0.390	0.000000	1.000000
0.145	0.000000	1.000000	0.395	0.000000	1.000000
0.150	0.000000	1.000000	0.400	0.000000	1.000000
0.155	0.000000	1.000000	0.405	0.000000	1.000000
0.160	0.000000	1.000000	0.410	0.000000	1.000000
0.165	0.000000	1.000000	0.415	0.000000	1.000000
0.170	0.000000	1.000000	0.420	0.000000	1.000000
0.175	0.000000	1.000000	0.425	0.000000	1.000000
0.180	0.000000	1.000000	0.430	0.000000	1.000000
0.185	0.000000	1.000000	0.435	0.000000	1.000000
0.190	0.000000	1.000000	0.440	0.000000	1.000000
0.195	0.000000	1.000000	0.445	0.000000	1.000000
0.200	0.000000	1.000000	0.450	0.000000	1.000000
0.205	0.000000	1.000000	0.455	0.000000	1.000000
0.210	0.000000	1.000000	0.460	0.000000	1.000000
0.215	0.000000	1.000000	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE XCIV

AOQ AND AFI VALUES FOR CSP-3
 $f = 0.200$ AND $i = 200$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.003512	0.297508	0.255	0.000000	1.000000
0.010	0.004941	0.505942	0.260	0.000000	1.000000
0.015	0.004035	0.731030	0.265	0.000000	1.000000
0.020	0.002362	0.881903	0.270	0.000000	1.000000
0.025	0.001144	0.954223	0.275	0.000000	1.000000
0.030	0.000502	0.983255	0.280	0.000000	1.000000
0.035	0.000209	0.994031	0.285	0.000000	1.000000
0.040	0.000084	0.997899	0.290	0.000000	1.000000
0.045	0.000033	0.999267	0.295	0.000000	1.000000
0.050	0.000013	0.999746	0.300	0.000000	1.000000
0.055	0.000005	0.999912	0.305	0.000000	1.000000
0.060	0.000002	0.999970	0.310	0.000000	1.000000
0.065	0.000001	0.999990	0.315	0.000000	1.000000
0.070	0.000000	0.999997	0.320	0.000000	1.000000
0.075	0.000000	0.999999	0.325	0.000000	1.000000
0.080	0.000000	1.000000	0.330	0.000000	1.000000
0.085	0.000000	1.000000	0.335	0.000000	1.000000
0.090	0.000000	1.000000	0.340	0.000000	1.000000
0.095	0.000000	1.000000	0.345	0.000000	1.000000
0.100	0.000000	1.000000	0.350	0.000000	1.000000
0.105	0.000000	1.000000	0.355	0.000000	1.000000
0.110	0.000000	1.000000	0.360	0.000000	1.000000
0.115	0.000000	1.000000	0.365	0.000000	1.000000
0.120	0.000000	1.000000	0.370	0.000000	1.000000
0.125	0.000000	1.000000	0.375	0.000000	1.000000
0.130	0.000000	1.000000	0.380	0.000000	1.000000
0.135	0.000000	1.000000	0.385	0.000000	1.000000
0.140	0.000000	1.000000	0.390	0.000000	1.000000
0.145	0.000000	1.000000	0.395	0.000000	1.000000
0.150	0.000000	1.000000	0.400	0.000000	1.000000
0.155	0.000000	1.000000	0.405	0.000000	1.000000
0.160	0.000000	1.000000	0.410	0.000000	1.000000
0.165	0.000000	1.000000	0.415	0.000000	1.000000
0.170	0.000000	1.000000	0.420	0.000000	1.000000
0.175	0.000000	1.000000	0.425	0.000000	1.000000
0.180	0.000000	1.000000	0.430	0.000000	1.000000
0.185	0.000000	1.000000	0.435	0.000000	1.000000
0.190	0.000000	1.000000	0.440	0.000000	1.000000
0.195	0.000000	1.000000	0.445	0.000000	1.000000
0.200	0.000000	1.000000	0.450	0.000000	1.000000
0.205	0.000000	1.000000	0.455	0.000000	1.000000
0.210	0.000000	1.000000	0.460	0.000000	1.000000
0.215	0.000000	1.000000	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE XCV
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.250$ AND $i = 200$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.003196	0.360888	0.255	0.000000	1.000000
C.C10	0.004228	0.577239	0.260	0.000000	1.000000
C.C15	0.003244	0.783730	0.265	0.000000	1.000000
C.C20	0.001825	0.908732	0.270	0.000000	1.000000
C.C25	0.000868	0.965270	0.275	0.000000	1.000000
C.C30	0.000378	0.987389	0.280	0.000000	1.000000
C.C35	0.000157	0.995517	0.285	0.000000	1.000000
C.C40	0.000063	0.998424	0.290	0.000000	1.000000
C.C45	0.000025	0.999450	0.295	0.000000	1.000000
C.C50	0.000010	0.999809	0.300	0.000000	1.000000
C.C55	0.000004	0.999934	0.305	0.000000	1.000000
C.C60	0.000001	0.999977	0.310	0.000000	1.000000
C.C65	0.000001	0.999992	0.315	0.000000	1.000000
C.C70	0.000000	0.999997	0.320	0.000000	1.000000
C.C75	0.000000	0.999999	0.325	0.000000	1.000000
C.C80	0.000000	1.000000	0.330	0.000000	1.000000
C.C85	0.000000	1.000000	0.335	0.000000	1.000000
C.C90	0.000000	1.000000	0.340	0.000000	1.000000
C.C95	0.000000	1.000000	0.345	0.000000	1.000000
C.100	0.000000	1.000000	0.350	0.000000	1.000000
C.105	0.000000	1.000000	0.355	0.000000	1.000000
C.110	0.000000	1.000000	0.360	0.000000	1.000000
C.115	0.000000	1.000000	0.365	0.000000	1.000000
C.120	0.000000	1.000000	0.370	0.000000	1.000000
C.125	0.000000	1.000000	0.375	0.000000	1.000000
C.130	0.000000	1.000000	0.380	0.000000	1.000000
C.135	0.000000	1.000000	0.385	0.000000	1.000000
C.140	0.000000	1.000000	0.390	0.000000	1.000000
C.145	0.000000	1.000000	0.395	0.000000	1.000000
C.150	0.000000	1.000000	0.400	0.000000	1.000000
C.155	0.000000	1.000000	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE XCVI
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.300$ AND $i = 200$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002897	0.420628	0.255	0.000000	1.000000
C.C10	0.003629	0.637092	0.260	0.000000	1.000000
C.C15	0.002651	0.823298	0.265	0.000000	1.000000
C.C20	0.001449	0.927544	0.270	0.000000	1.000000
C.C25	0.000681	0.972777	0.275	0.000000	1.000000
C.C30	0.000295	0.990164	0.280	0.000000	1.000000
C.C35	0.000122	0.996509	0.285	0.000000	1.000000
C.C40	0.000049	0.998774	0.290	0.000000	1.000000
C.C45	0.000019	0.999572	0.295	0.000000	1.000000
C.C50	0.000007	0.999852	0.300	0.000000	1.000000
C.C55	0.000003	0.999949	0.305	0.000000	1.000000
C.C60	0.000001	0.999982	0.310	0.000000	1.000000
C.C65	0.000000	0.999994	0.315	0.000000	1.000000
C.C70	0.000000	0.999998	0.320	0.000000	1.000000
C.C75	0.000000	0.999999	0.325	0.000000	1.000000
C.C80	0.000000	1.000000	0.330	0.000000	1.000000
C.C85	0.000000	1.000000	0.335	0.000000	1.000000
C.C90	0.000000	1.000000	0.340	0.000000	1.000000
C.C95	0.000000	1.000000	0.345	0.000000	1.000000
C.100	0.000000	1.000000	0.350	0.000000	1.000000
C.105	0.000000	1.000000	0.355	0.000000	1.000000
C.110	0.000000	1.000000	0.360	0.000000	1.000000
C.115	0.000000	1.000000	0.365	0.000000	1.000000
C.120	0.000000	1.000000	0.370	0.000000	1.000000
C.125	0.000000	1.000000	0.375	0.000000	1.000000
C.130	0.000000	1.000000	0.380	0.000000	1.000000
C.135	0.000000	1.000000	0.385	0.000000	1.000000
C.140	0.000000	1.000000	0.390	0.000000	1.000000
C.145	0.000000	1.000000	0.395	0.000000	1.000000
C.150	0.000000	1.000000	0.400	0.000000	1.000000
C.155	0.000000	1.000000	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE XCVII
 AOQ AND AFI VALUES FOR CSP-3
 $f = 0.350$ AND $i = 200$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.002615	0.477032	0.255	0.000000	1.000000
0.010	0.003119	0.688051	0.260	0.000000	1.000000
0.015	0.002189	0.854098	0.265	0.000000	1.000000
0.020	0.001171	0.941466	0.270	0.000000	1.000000
0.025	0.000545	0.978212	0.275	0.000000	1.000000
0.030	0.000235	0.992155	0.280	0.000000	1.000000
0.035	0.000097	0.997220	0.285	0.000000	1.000000
0.040	0.000039	0.999024	0.290	0.000000	1.000000
0.045	0.000015	0.999659	0.295	0.000000	1.000000
0.050	0.000006	0.999882	0.300	0.000000	1.000000
0.055	0.000002	0.999959	0.305	0.000000	1.000000
0.060	0.000001	0.999986	0.310	0.000000	1.000000
0.065	0.000000	0.999995	0.315	0.000000	1.000000
0.070	0.000000	0.999998	0.320	0.000000	1.000000
0.075	0.000000	0.999999	0.325	0.000000	1.000000
0.080	0.000000	1.000000	0.330	0.000000	1.000000
0.085	0.000000	1.000000	0.335	0.000000	1.000000
0.090	0.000000	1.000000	0.340	0.000000	1.000000
0.095	0.000000	1.000000	0.345	0.000000	1.000000
0.100	0.000000	1.000000	0.350	0.000000	1.000000
0.105	0.000000	1.000000	0.355	0.000000	1.000000
0.110	0.000000	1.000000	0.360	0.000000	1.000000
0.115	0.000000	1.000000	0.365	0.000000	1.000000
0.120	0.000000	1.000000	0.370	0.000000	1.000000
0.125	0.000000	1.000000	0.375	0.000000	1.000000
0.130	0.000000	1.000000	0.380	0.000000	1.000000
0.135	0.000000	1.000000	0.385	0.000000	1.000000
0.140	0.000000	1.000000	0.390	0.000000	1.000000
0.145	0.000000	1.000000	0.395	0.000000	1.000000
0.150	0.000000	1.000000	0.400	0.000000	1.000000
0.155	0.000000	1.000000	0.405	0.000000	1.000000
0.160	0.000000	1.000000	0.410	0.000000	1.000000
0.165	0.000000	1.000000	0.415	0.000000	1.000000
0.170	0.000000	1.000000	0.420	0.000000	1.000000
0.175	0.000000	1.000000	0.425	0.000000	1.000000
0.180	0.000000	1.000000	0.430	0.000000	1.000000
0.185	0.000000	1.000000	0.435	0.000000	1.000000
0.190	0.000000	1.000000	0.440	0.000000	1.000000
0.195	0.000000	1.000000	0.445	0.000000	1.000000
0.200	0.000000	1.000000	0.450	0.000000	1.000000
0.205	0.000000	1.000000	0.455	0.000000	1.000000
0.210	0.000000	1.000000	0.460	0.000000	1.000000
0.215	0.000000	1.000000	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE XCVIII
 AOQ AND AFI VALUES FOR CSP-3
 $f = 0.400$ AND $i = 200$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002348	0.530372	0.255	0.000000	1.000000
C.C10	0.002680	0.731962	0.260	0.000000	1.000000
C.C15	0.001819	0.878754	0.265	0.000000	1.000000
C.C20	0.000956	0.952184	0.270	0.000000	1.000000
C.C25	0.000442	0.982328	0.275	0.000000	1.000000
C.C30	0.000190	0.993654	0.280	0.000000	1.000000
C.C35	0.000079	0.997753	0.285	0.000000	1.000000
C.C40	0.000032	0.999211	0.290	0.000000	1.000000
C.C45	0.000012	0.999725	0.295	0.000000	1.000000
C.C50	0.000005	0.999905	0.300	0.000000	1.000000
C.C55	0.000002	0.999967	0.305	0.000000	1.000000
C.C60	0.000001	0.999989	0.310	0.000000	1.000000
C.C65	0.000000	0.999996	0.315	0.000000	1.000000
C.C70	0.000000	0.999999	0.320	0.000000	1.000000
C.C75	0.000000	1.000000	0.325	0.000000	1.000000
C.C80	0.000000	1.000000	0.330	0.000000	1.000000
C.C85	0.000000	1.000000	0.335	0.000000	1.000000
C.C90	0.000000	1.000000	0.340	0.000000	1.000000
C.C95	0.000000	1.000000	0.345	0.000000	1.000000
C.100	0.000000	1.000000	0.350	0.000000	1.000000
C.105	0.000000	1.000000	0.355	0.000000	1.000000
C.110	0.000000	1.000000	0.360	0.000000	1.000000
C.115	0.000000	1.000000	0.365	0.000000	1.000000
C.120	0.000000	1.000000	0.370	0.000000	1.000000
C.125	0.000000	1.000000	0.375	0.000000	1.000000
C.130	0.000000	1.000000	0.380	0.000000	1.000000
C.135	0.000000	1.000000	0.385	0.000000	1.000000
C.140	0.000000	1.000000	0.390	0.000000	1.000000
C.145	0.000000	1.000000	0.395	0.000000	1.000000
C.150	0.000000	1.000000	0.400	0.000000	1.000000
C.155	0.000000	1.000000	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE XCIX
 AOQ AND AFI VALUES FOR CSP-3
 $f = 0.450$ AND $i = 200$

P	AOQ	AFI	P	AOQ	AFI
C.C05	0.002096	0.580891	0.255	0.000000	1.000000
C.C10	0.002298	0.770191	0.260	0.000000	1.000000
C.C15	0.001516	0.898938	0.265	0.000000	1.000000
C.C20	0.000786	0.960691	0.270	0.000000	1.000000
C.C25	0.000361	0.985553	0.275	0.000000	1.000000
C.C30	0.000155	0.994823	0.280	0.000000	1.000000
C.C35	0.000064	0.998169	0.285	0.000000	1.000000
C.C40	0.000026	0.999357	0.290	0.000000	1.000000
C.C45	0.000010	0.999776	0.295	0.000000	1.000000
C.C50	0.000004	0.999922	0.300	0.000000	1.000000
C.C55	0.000001	0.999973	0.305	0.000000	1.000000
C.C60	0.000001	0.999991	0.310	0.000000	1.000000
C.C65	0.000000	0.999997	0.315	0.000000	1.000000
C.C70	0.000000	0.999999	0.320	0.000000	1.000000
C.C75	0.000000	1.000000	0.325	0.000000	1.000000
C.C80	0.000000	1.000000	0.330	0.000000	1.000000
C.C85	0.000000	1.000000	0.335	0.000000	1.000000
C.C90	0.000000	1.000000	0.340	0.000000	1.000000
C.C95	0.000000	1.000000	0.345	0.000000	1.000000
C.100	0.000000	1.000000	0.350	0.000000	1.000000
C.105	0.000000	1.000000	0.355	0.000000	1.000000
C.110	0.000000	1.000000	0.360	0.000000	1.000000
C.115	0.000000	1.000000	0.365	0.000000	1.000000
C.120	0.000000	1.000000	0.370	0.000000	1.000000
C.125	0.000000	1.000000	0.375	0.000000	1.000000
C.130	0.000000	1.000000	0.380	0.000000	1.000000
C.135	0.000000	1.000000	0.385	0.000000	1.000000
C.140	0.000000	1.000000	0.390	0.000000	1.000000
C.145	0.000000	1.000000	0.395	0.000000	1.000000
C.150	0.000000	1.000000	0.400	0.000000	1.000000
C.155	0.000000	1.000000	0.405	0.000000	1.000000
C.160	0.000000	1.000000	0.410	0.000000	1.000000
C.165	0.000000	1.000000	0.415	0.000000	1.000000
C.170	0.000000	1.000000	0.420	0.000000	1.000000
C.175	0.000000	1.000000	0.425	0.000000	1.000000
C.180	0.000000	1.000000	0.430	0.000000	1.000000
C.185	0.000000	1.000000	0.435	0.000000	1.000000
C.190	0.000000	1.000000	0.440	0.000000	1.000000
C.195	0.000000	1.000000	0.445	0.000000	1.000000
C.200	0.000000	1.000000	0.450	0.000000	1.000000
C.205	0.000000	1.000000	0.455	0.000000	1.000000
C.210	0.000000	1.000000	0.460	0.000000	1.000000
C.215	0.000000	1.000000	0.465	0.000000	1.000000
C.220	0.000000	1.000000	0.470	0.000000	1.000000
C.225	0.000000	1.000000	0.475	0.000000	1.000000
C.230	0.000000	1.000000	0.480	0.000000	1.000000
C.235	0.000000	1.000000	0.485	0.000000	1.000000
C.240	0.000000	1.000000	0.490	0.000000	1.000000
C.245	0.000000	1.000000	0.495	0.000000	1.000000
C.250	0.000000	1.000000	0.500	0.000000	1.000000

TABLE C
AOQ AND AFI VALUES FOR CSP-3
 $f = 0.500$ AND $i = 200$

P	AOQ	AFI	P	AOQ	AFI
0.005	0.001856	0.628807	0.255	0.000000	1.000000
0.010	0.001962	0.803776	0.260	0.000000	1.000000
0.015	0.001264	0.915765	0.265	0.000000	1.000000
0.020	0.000648	0.967606	0.270	0.000000	1.000000
0.025	0.000296	0.988149	0.275	0.000000	1.000000
0.030	0.000127	0.995761	0.280	0.000000	1.000000
0.035	0.000052	0.998501	0.285	0.000000	1.000000
0.040	0.000021	0.999474	0.290	0.000000	1.000000
0.045	0.000008	0.999817	0.295	0.000000	1.000000
0.050	0.000003	0.999936	0.300	0.000000	1.000000
0.055	0.000001	0.999978	0.305	0.000000	1.000000
0.060	0.000000	0.999992	0.310	0.000000	1.000000
0.065	0.000000	0.999997	0.315	0.000000	1.000000
0.070	0.000000	0.999999	0.320	0.000000	1.000000
0.075	0.000000	1.000000	0.325	0.000000	1.000000
0.080	0.000000	1.000000	0.330	0.000000	1.000000
0.085	0.000000	1.000000	0.335	0.000000	1.000000
0.090	0.000000	1.000000	0.340	0.000000	1.000000
0.095	0.000000	1.000000	0.345	0.000000	1.000000
0.100	0.000000	1.000000	0.350	0.000000	1.000000
0.105	0.000000	1.000000	0.355	0.000000	1.000000
0.110	0.000000	1.000000	0.360	0.000000	1.000000
0.115	0.000000	1.000000	0.365	0.000000	1.000000
0.120	0.000000	1.000000	0.370	0.000000	1.000000
0.125	0.000000	1.000000	0.375	0.000000	1.000000
0.130	0.000000	1.000000	0.380	0.000000	1.000000
0.135	0.000000	1.000000	0.385	0.000000	1.000000
0.140	0.000000	1.000000	0.390	0.000000	1.000000
0.145	0.000000	1.000000	0.395	0.000000	1.000000
0.150	0.000000	1.000000	0.400	0.000000	1.000000
0.155	0.000000	1.000000	0.405	0.000000	1.000000
0.160	0.000000	1.000000	0.410	0.000000	1.000000
0.165	0.000000	1.000000	0.415	0.000000	1.000000
0.170	0.000000	1.000000	0.420	0.000000	1.000000
0.175	0.000000	1.000000	0.425	0.000000	1.000000
0.180	0.000000	1.000000	0.430	0.000000	1.000000
0.185	0.000000	1.000000	0.435	0.000000	1.000000
0.190	0.000000	1.000000	0.440	0.000000	1.000000
0.195	0.000000	1.000000	0.445	0.000000	1.000000
0.200	0.000000	1.000000	0.450	0.000000	1.000000
0.205	0.000000	1.000000	0.455	0.000000	1.000000
0.210	0.000000	1.000000	0.460	0.000000	1.000000
0.215	0.000000	1.000000	0.465	0.000000	1.000000
0.220	0.000000	1.000000	0.470	0.000000	1.000000
0.225	0.000000	1.000000	0.475	0.000000	1.000000
0.230	0.000000	1.000000	0.480	0.000000	1.000000
0.235	0.000000	1.000000	0.485	0.000000	1.000000
0.240	0.000000	1.000000	0.490	0.000000	1.000000
0.245	0.000000	1.000000	0.495	0.000000	1.000000
0.250	0.000000	1.000000	0.500	0.000000	1.000000