МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ РФ

ФЕДЕРАЛЬНОЕ ГОСУДАРСТВЕННОЕ БЮДЖЕТНОЕ ОБРАЗОВАТЕЛЬНОЕ УЧРЕЖДЕНИЕ ВЫСШЕГО ОБРАЗОВАНИЯ

«ПЕНЗЕНСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ АРХИТЕКТУРЫ И СТРОИТЕЛЬСТВА»

Институт экономики и менеджмента

Кафедра «Экономика, организация и управление производством»

**Практическое задание**

по дисциплине «Организация и управление производственной деятельностью»

на тему:

«Выбор рационального варианта организации возведения объекта недвижимости»

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Работа защищена\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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# 1. Исходные данные

Таблица 1.1

|  |  |
| --- | --- |
| Объект | 5-ти эт. 120 кв. кирпичный жилой дом |
| Объём суммарных инвестиций *K*, млн. руб. | 320 |
| Общая трудоёмкость , чел.-дн. | 15000 |
| Продолжительность строительного процесса , мес | 14 |

Нормативный срок продолжительности строительства объекта

где ‒ подготовительный период;

‒ период развёртывания процесса по объекту;

‒ период возведения здания.

;

;

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# 2. Определение оптимальной продолжительности возведения здания

1. Расчёт 1 варианта (характер распределения вложений ‒ равномерный ; период окупаемости ‒ базовый ).

1.1. Расчёт снижающих затрат.

где ‒ сумма накладных расходов, зависящих от длительности строительного процесса при его нормативной величине, руб.;

‒ коэффициент, показывающий долю сметной стоимости строительно-монтажных работ в общих капитальных вложениях на объект;

‒ коэффициент, показывающий долю накладных расходов в сметной стоимости объекта;

‒ коэффициент, отражающий долю анализируемой части накладных расходов;

‒ коэффициент, учитывающий инфляционные процессы в строительстве;

‒ объем капитальных вложений в строительство объекта, млн. руб.

Таблица 2.1.

|  |  |  |
| --- | --- | --- |
| Const | , мес. | , млн. руб. |
| 1,911 | 1 | 1,911 |
| 2 | 3,822 |
| 3 | 5,733 |
| 4 | 7,643 |
| 5 | 9,554 |
| 6 | 11,465 |
| 7 | 13,376 |
| 8 | 15,287 |
| 9 | 17,198 |
| 10 | 19,109 |
| 11 | 21,019 |
| 12 | 22,930 |
| 13 | 24,841 |
| 14 | 26,752 |
| 15 | 28,663 |
| 16 | 30,574 |
| 17 | 32,485 |
| 18 | 34,395 |
| 19 | 36,306 |
| 20 | 38,217 |
| 21 | 40,128 |

Размер затрат в незавершенное производство

где ‒ нормативный коэффициент эффективности капитальных вложений, равный 0,16;

‒ число рабочих месяцев в году;

‒ коэффициент, характеризующий вид распределения капитальных вложений .

Таблица 2.2.

|  |  |  |
| --- | --- | --- |
| Const | , мес. | , млн. руб. |
| 2,560 | 1 | 2,560 |
| 2 | 5,120 |
| 3 | 7,680 |
| 4 | 10,240 |
| 5 | 12,800 |
| 6 | 15,360 |
| 7 | 17,920 |
| 8 | 20,480 |
| 9 | 23,040 |
| 10 | 25,600 |
| 11 | 28,160 |
| 12 | 30,720 |
| 13 | 33,280 |
| 14 | 35,840 |
| 15 | 38,400 |
| 16 | 40,960 |
| 17 | 43,520 |
| 18 | 46,080 |
| 19 | 48,640 |
| 20 | 51,200 |
| 21 | 53,760 |

Величина потерь народного хозяйства от неиспользования объектов, находящихся в стадии строительства, с учетом длительности возведения зданий и сооружений () рассчитывается по формуле

где ‒ нормативный коэффициент эффективности капитальных вложений для отрасли, эксплуатирующей здание или сооружение, равный 0,25.

Таблица 2.3.

|  |  |  |
| --- | --- | --- |
| Const | , мес. | , млн. руб. |
| 4,000 | 1 | 4,000 |
| 2 | 8,000 |
| 3 | 12,000 |
| 4 | 16,000 |
| 5 | 20,000 |
| 6 | 24,000 |
| 7 | 28,000 |
| 8 | 32,000 |
| 9 | 36,000 |
| 10 | 40,000 |
| 11 | 44,000 |
| 12 | 48,000 |
| 13 | 52,000 |
| 14 | 56,000 |
| 15 | 60,000 |
| 16 | 64,000 |
| 17 | 68,000 |
| 18 | 72,000 |
| 19 | 76,000 |
| 20 | 80,000 |
| 21 | 84,000 |

1.2. Расчёт возрастающих затрат.

Накладные расходы , зависящие от численности рабочих, изменяются в связи с необходимость дополнительного привлечения трудовых ресурсов:

где ‒ сумма накладных расходов, зависящих от численности рабочих, руб.;

‒ коэффициент, отражающий долю анализируемой части накладных расходов (0,3-0,35), принимаем 0,34;

‒ коэффициент надежности процесса с учетом трудовых ресурсов (0,08-0,88), принимаем 0,87.

Таблица 2.4.

|  |  |  |
| --- | --- | --- |
| Const | C:\Users\User\AppData\Local\Microsoft\Windows\Clipboard\HistoryData\{B9487B8F-1AF2-4A92-B053-AA8A4EF2C6AF}\{0E28E88C-F470-487C-B782-197A602ED763}\ResourceMap\{8579BC7B-1137-45B2-BD9C-FD46B303B652}, мес. | , млн. руб. |
| 658,653 | 1 | 658,653 |
| 2 | 329,326 |
| 3 | 219,551 |
| 4 | 164,663 |
| 5 | 131,731 |
| 6 | 109,775 |
| 7 | 94,093 |
| 8 | 82,332 |
| 9 | 73,184 |
| 10 | 65,865 |
| 11 | 59,878 |
| 12 | 54,888 |
| 13 | 50,666 |
| 14 | 47,047 |
| 15 | 43,910 |
| 16 | 41,166 |
| 17 | 38,744 |
| 18 | 36,592 |
| 19 | 34,666 |
| 20 | 32,933 |
| 21 | 31,364 |

Заработная плата рабочих с учетом применения премиальных систем

где ‒ коэффициент доплат к заработной плате при сокращении продолжительности строительства (0,005-0,01), принимаем 0,01;

‒ коэффициент, учитывающий часть рабочих, находящихся на премиальной оплате труда, принимаем 1,00;

‒ трудоемкость возведения зданий и сооружений, чел.-дн.;

‒ дневная тарифная ставка среднего разряда рабочих, руб., принимаем 2000 руб.

Таблица 2.5.

|  |  |  |
| --- | --- | --- |
| Const | C:\Users\User\AppData\Local\Microsoft\Windows\Clipboard\HistoryData\{B9487B8F-1AF2-4A92-B053-AA8A4EF2C6AF}\{0E28E88C-F470-487C-B782-197A602ED763}\ResourceMap\{8579BC7B-1137-45B2-BD9C-FD46B303B652}, мес. | , млн. руб. |
| 4,320 | 1 | 4,320 |
| 2 | 2,160 |
| 3 | 1,440 |
| 4 | 1,080 |
| 5 | 0,864 |
| 6 | 0,720 |
| 7 | 0,617 |
| 8 | 0,540 |
| 9 | 0,480 |
| 10 | 0,432 |
| 11 | 0,393 |
| 12 | 0,360 |
| 13 | 0,332 |
| 14 | 0,309 |
| 15 | 0,288 |
| 16 | 0,270 |
| 17 | 0,254 |
| 18 | 0,240 |
| 19 | 0,227 |
| 20 | 0,216 |
| 21 | 0,206 |

Расходы по эксплуатации машин и механизмов

где ‒ объем строительных механизированных работ в физических единицах ();

‒ затраты на строительные механизированные работы, млн. руб./см.;

‒ производительность *i*-й машины (дневная), ;

‒ число смен работы *i*-й машины;

‒ интегральный коэффициент использования *i*-й машины во времени и по производительности, принимаем 0,6;

‒ число видов механизированных работ;

‒ коэффициент надежности работы строительных машин (0,90-0,91, принимаем 0,9);

‒ коэффициент, учитывающий увеличение единовременных затрат на транспорте средства при более интенсивном потреблении материалов и изделий, принимаем 0,97.

Таблица 2.6.

|  |  |  |
| --- | --- | --- |
| Const | , мес. | , млн. руб. |
| 21,480 | 1 | 21,480 |
| 2 | 10,740 |
| 3 | 7,160 |
| 4 | 5,370 |
| 5 | 4,296 |
| 6 | 3,580 |
| 7 | 3,069 |
| 8 | 2,685 |
| 9 | 2,387 |
| 10 | 2,148 |
| 11 | 1,953 |
| 12 | 1,790 |
| 13 | 1,652 |
| 14 | 1,534 |
| 15 | 1,432 |
| 16 | 1,342 |
| 17 | 1,264 |
| 18 | 1,193 |
| 19 | 1,131 |
| 20 | 1,074 |
| 21 | 1,023 |

Затраты на строительство временных зданий и сооружений для обслуживания дополнительного числа рабочих:

где ‒ затраты на материалы к сборно-разборным зданиям, тыс. руб./чел., чел., принимаем 0,03 млн. руб./чел.;

‒ коэффициент, учитывающий неоднородность работ и различную загрузку рабочих по сменам (1,15-1,20), принимаем 1,18;

‒ число смен работы на объекте, принимаем 1.

Таблица 2.7.

|  |  |  |
| --- | --- | --- |
| Const | , мес. | , млн. руб. |
| 457,627 | 1 | 457,627 |
| 2 | 228,814 |
| 3 | 152,542 |
| 4 | 114,407 |
| 5 | 91,525 |
| 6 | 76,271 |
| 7 | 65,375 |
| 8 | 57,203 |
| 9 | 50,847 |
| 10 | 45,763 |
| 11 | 41,602 |
| 12 | 38,136 |
| 13 | 35,202 |
| 14 | 32,688 |
| 15 | 30,508 |
| 16 | 28,602 |
| 17 | 26,919 |
| 18 | 25,424 |
| 19 | 24,086 |
| 20 | 22,881 |
| 21 | 21,792 |

Капитальные вложения в смежные отрасли:

– в промышленность строительных материалов

где ‒ коэффициент, учитывающий надежность материально-технического снабжения, равный 0,75;

‒ коэффициент, учитывающий равномерность использования ресурсов, принимаем ;

‒ удельные капитальные вложения на производство единицы *i*-го вида продуктов, руб./т;

‒ объем *i*-го вида, материала, изделия конструкции на 1 млн. руб. строительно-монтажных работ по отрасли;

‒ коэффициент экономической эффективности отрасли, выпускающей *i*-ю продукцию.

Таблица 2.8.

|  |  |  |  |
| --- | --- | --- | --- |
| Const1 | Const2 | , мес. | , млн. руб. |
| 12,288 | 25,721 | 1 | 316,057 |
| 2 | 158,029 |
| 3 | 105,352 |
| 4 | 79,014 |
| 5 | 63,211 |
| 6 | 52,676 |
| 7 | 45,151 |
| 8 | 39,507 |
| 9 | 35,117 |
| 10 | 31,606 |
| 11 | 28,732 |
| 12 | 26,338 |
| 13 | 24,312 |
| 14 | 22,576 |
| 15 | 21,070 |
| 16 | 19,754 |
| 17 | 18,592 |
| 18 | 17,559 |
| 19 | 16,635 |
| 20 | 15,803 |
| 21 | 15,050 |

– в производство металлоконструкций:

Таблица 2.9.

|  |  |  |  |
| --- | --- | --- | --- |
| Const1 | Const2 | , мес. | , млн. руб. |
| 12,288 | 3,11 | 1 | 38,221 |
| 2 | 19,110 |
| 3 | 12,740 |
| 4 | 9,555 |
| 5 | 7,644 |
| 6 | 6,370 |
| 7 | 5,460 |
| 8 | 4,778 |
| 9 | 4,247 |
| 10 | 3,822 |
| 11 | 3,475 |
| 12 | 3,185 |
| 13 | 2,940 |
| 14 | 2,730 |
| 15 | 2,548 |
| 16 | 2,389 |
| 17 | 2,248 |
| 18 | 2,123 |
| 19 | 2,012 |
| 20 | 1,911 |
| 21 | 1,820 |

– в машиностроение:

Таблица 2.10.

|  |  |  |  |
| --- | --- | --- | --- |
| Const1 | Const2 | , мес. | , млн. руб. |
| 12,288 | 7,555 | 1 | 92,838 |
| 2 | 46,419 |
| 3 | 30,946 |
| 4 | 23,210 |
| 5 | 18,568 |
| 6 | 15,473 |
| 7 | 13,263 |
| 8 | 11,605 |
| 9 | 10,315 |
| 10 | 9,284 |
| 11 | 8,440 |
| 12 | 7,737 |
| 13 | 7,141 |
| 14 | 6,631 |
| 15 | 6,189 |
| 16 | 5,802 |
| 17 | 5,461 |
| 18 | 5,158 |
| 19 | 4,886 |
| 20 | 4,642 |
| 21 | 4,421 |

Анализируя совместно все изменяющие затраты и величину эффекта от сокращения длительности процесса, можно определить для каждого значения суммарное значение сельскохозяйственных затрат , минимальная величина которых соответствует оптимальной (рациональной) для данных условий длительности функционирования процесса.

Таблица 2.11.

Сводная таблица затрат для В-1

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| , мес. |  |  |  |  |  |  |  |  |  |  |  |
| млн. руб. | | | | | | | | | | |
| 1 | 1,911 | 2,560 | 4,000 | 658,653 | 4,320 | 21,480 | 457,627 | 316,057 | 38,221 | 92,838 | 1597,666 |
| 2 | 3,822 | 5,120 | 8,000 | 329,326 | 2,160 | 10,740 | 228,814 | 158,029 | 19,110 | 46,419 | 811,539 |
| 3 | 5,733 | 7,680 | 12,000 | 219,551 | 1,440 | 7,160 | 152,542 | 105,352 | 12,740 | 30,946 | 555,144 |
| 4 | 7,643 | 10,240 | 16,000 | 164,663 | 1,080 | 5,370 | 114,407 | 79,014 | 9,555 | 23,210 | 431,182 |
| 5 | 9,554 | 12,800 | 20,000 | 131,731 | 0,864 | 4,296 | 91,525 | 63,211 | 7,644 | 18,568 | 360,193 |
| 6 | 11,465 | 15,360 | 24,000 | 109,775 | 0,720 | 3,580 | 76,271 | 52,676 | 6,370 | 15,473 | 315,691 |
| 7 | 13,376 | 17,920 | 28,000 | 94,093 | 0,617 | 3,069 | 65,375 | 45,151 | 5,460 | 13,263 | 286,324 |
| 8 | 15,287 | 20,480 | 32,000 | 82,332 | 0,540 | 2,685 | 57,203 | 39,507 | 4,778 | 11,605 | 266,416 |
| 9 | 17,198 | 23,040 | 36,000 | 73,184 | 0,480 | 2,387 | 50,847 | 35,117 | 4,247 | 10,315 | 252,815 |
| 10 | 19,109 | 25,600 | 40,000 | 65,865 | 0,432 | 2,148 | 45,763 | 31,606 | 3,822 | 9,284 | 243,628 |
| 11 | 21,019 | 28,160 | 44,000 | 59,878 | 0,393 | 1,953 | 41,602 | 28,732 | 3,475 | 8,440 | 237,652 |
| 12 | 22,930 | 30,720 | 48,000 | 54,888 | 0,360 | 1,790 | 38,136 | 26,338 | 3,185 | 7,737 | 234,083 |
| 13 | 24,841 | 33,280 | 52,000 | 50,666 | 0,332 | 1,652 | 35,202 | 24,312 | 2,940 | 7,141 | 232,367 |
| 14 | 26,752 | 35,840 | 56,000 | 47,047 | 0,309 | 1,534 | 32,688 | 22,576 | 2,730 | 6,631 | 232,106 |
| 15 | 28,663 | 38,400 | 60,000 | 43,910 | 0,288 | 1,432 | 30,508 | 21,070 | 2,548 | 6,189 | 233,009 |
| 16 | 30,574 | 40,960 | 64,000 | 41,166 | 0,270 | 1,342 | 28,602 | 19,754 | 2,389 | 5,802 | 234,858 |
| 17 | 32,485 | 43,520 | 68,000 | 38,744 | 0,254 | 1,264 | 26,919 | 18,592 | 2,248 | 5,461 | 237,487 |
| 18 | 34,395 | 46,080 | 72,000 | 36,592 | 0,240 | 1,193 | 25,424 | 17,559 | 2,123 | 5,158 | 240,764 |
| 19 | 36,306 | 48,640 | 76,000 | 34,666 | 0,227 | 1,131 | 24,086 | 16,635 | 2,012 | 4,886 | 244,588 |
| 20 | 38,217 | 51,200 | 80,000 | 32,933 | 0,216 | 1,074 | 22,881 | 15,803 | 1,911 | 4,642 | 248,877 |
| 21 | 40,128 | 53,760 | 84,000 | 31,364 | 0,206 | 1,023 | 21,792 | 15,050 | 1,820 | 4,421 | 253,564 |

Выделенные строки содержат информацию об оптимальном варианте инвестирования при данном распределении капитальных вложений и при определенной норме доходности. В варианте В-1 ( ) минимальные затраты на строительство – 232,106 млн. руб. обеспечиваются при сроке строительства 14 месяцев. Это и есть оптимальный срок строительства для В-1.

На примере данных таблицы построим графики, изображающие изменение затрат во времени, построим кривую общих затрат и графически определим рациональный вариант возведения объекта и использования инвестиций.

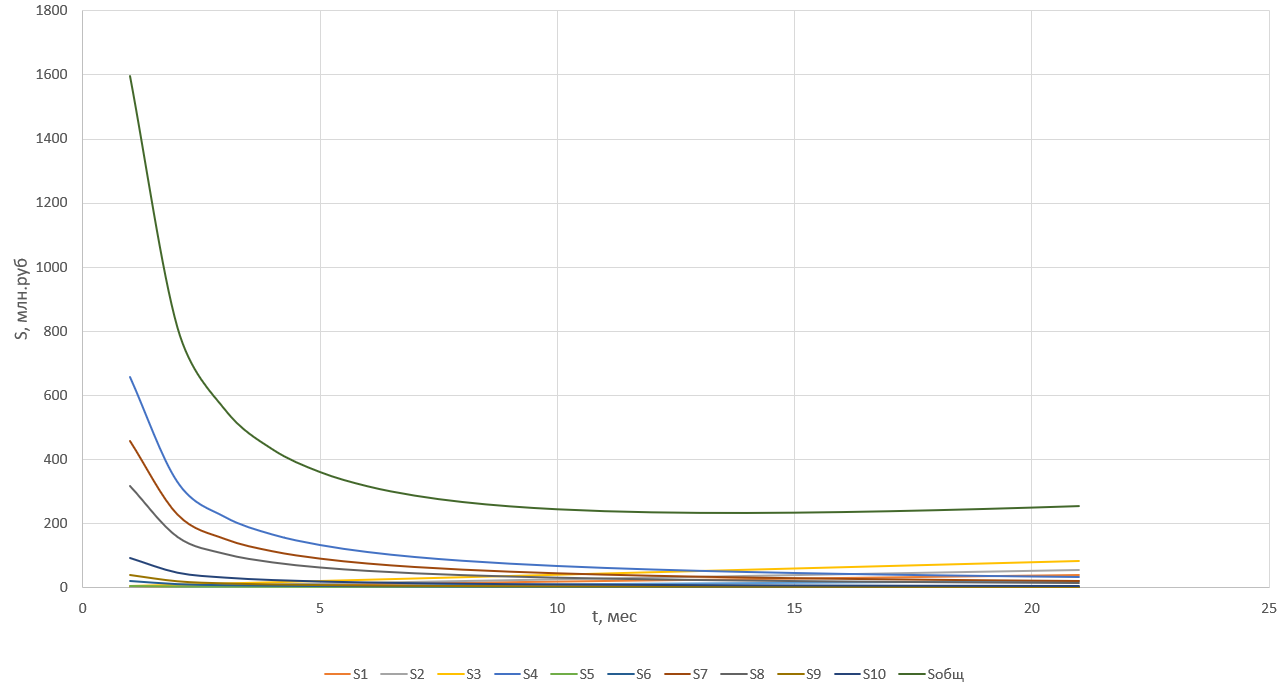


Рис. 1. Определение рационального варианта возведения объекта и использования капитальных вложений для В-1.

**3. Расчёт эффекта по основным участникам инвестиционного процесса**

В сводной таблице 3.1 представлено сравнение оптимальных вариантов инвестирования с базовым. На основе анализа полученных данных определим наилучший вариант инвестирования для генерального подрядчика.

Таблица 3.1.

Сравнение оптимальных вариантов инвестирования

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № |  |  |  |  |  |  |  |  | Примечание |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| В-1 | 6,25 | 0,5 | 14 | 232,106 | 21 | 820,362 | 7 | 588,256 |  |
| В-2 | 6,25 | 0,333 | 16 | 199,172 | 21 | 820,362 | 5 | 621,190 |  |
| В-3 | 6,25 | 0,25 | 17 | 181,724 | 21 | 820,362 | 4 | 638,638 |  |
| В-4 | 6,25 | 0,2 | 18 | 169,804 | 21 | 820,362 | 3 | 650,558 |  |
| В-5 | 6,25 | 0,667 | 12 | 260,376 | 21 | 820,362 | 9 | 559,986 |  |
| В-6 | 6,25 | 0,625 | 12 | 254,540 | 21 | 820,362 | 9 | 565,822 |  |
| В-7 | 6,25 | 0,75 | 12 | 273,443 | 21 | 820,362 | 9 | 546,919 |  |
| В-8 | 6,25 | 0,8 | 11 | 280,948 | 21 | 820,362 | 10 | 539,414 |  |
| В-9 | 5 | 0,5 | 13 | 253,151 | 21 | 820,362 | 8 | 567,211 |  |
| В-10 | 5 | 0,333 | 13 | 201,476 | 21 | 820,362 | 8 | 618,886 |  |
| В-11 | 5 | 0,25 | 14 | 175,286 | 21 | 820,362 | 7 | 645,076 |  |
| В-12 | 5 | 0,2 | 15 | 159,403 | 21 | 820,362 | 6 | 660,959 | *,*  *,*  оптимальный  для подрядчика |
| В-13 | 5 | 0,667 | 12 | 303,869 | 21 | 820,362 | 9 | 516,493 |  |
| В-14 | 5 | 0,625 | 12 | 291,133 | 21 | 820,362 | 9 | 529,229 |  |
| В-15 | 5 | 0,75 | 12 | 329,035 | 21 | 820,362 | 9 | 491,327 |  |
| В-16 | 5 | 0,8 | 12 | 344,196 | 21 | 820,362 | 9 | 476,166 |  |
| В-17 | 4 | 0,5 | 12 | 276,271 | 21 | 820,362 | 9 | 544,091 |  |
| В-18 | 4 | 0,333 | 12 | 217,939 | 21 | 820,362 | 9 | 602,423 |  |
| В-19 | 4 | 0,25 | 13 | 188,273 | 21 | 820,362 | 8 | 632,089 |  |
| В-20 | 4 | 0,2 | 14 | 170,190 | 21 | 820,362 | 7 | 650,172 |  |
| В-21 | 4 | 0,667 | 11 | 333,208 | 21 | 820,362 | 10 | 487,154 |  |
| В-22 | 4 | 0,625 | 11 | 318,891 | 21 | 820,362 | 10 | 501,471 |  |
| В-23 | 4 | 0,75 | 11 | 361,504 | 21 | 820,362 | 10 | 458,858 |  |
| В-24 | 4 | 0,8 | 11 | 378,549 | 21 | 820,362 | 10 | 441,813 |  |
| В-25 | 3 | 0,5 | 10 | 310,691 | 21 | 820,362 | 11 | 509,671 |  |
| В-26 | 3 | 0,333 | 11 | 242,788 | 21 | 820,362 | 10 | 577,574 |  |
| В-27 | 3 | 0,25 | 12 | 208,146 | 21 | 820,362 | 9 | 612,216 |  |
| В-28 | 3 | 0,2 | 12 | 186,842 | 21 | 820,362 | 9 | 633,520 |  |
| В-29 | 3 | 0,667 | 10 | 377,270 | 21 | 820,362 | 11 | 443,092 |  |
| В-30 | 3 | 0,625 | 10 | 360,525 | 21 | 820,362 | 11 | 459,837 |  |
| В-31 | 3 | 0,75 | 9 | 410,339 | 21 | 820,362 | 12 | 410,023 |  |
| В-32 | 3 | 0,8 | 9 | 429,785 | 21 | 820,362 | 12 | 390,577 |  |
| В-33 | 2 | 0,5 | 9 | 370,706 | 21 | 820,362 | 12 | 449,656 |  |
| В-34 | 2 | 0,333 | 9 | 286,516 | 21 | 820,362 | 12 | 533,846 |  |
| В-35 | 2 | 0,25 | 10 | 243,021 | 21 | 820,362 | 11 | 577,341 |  |
| В-36 | 2 | 0,2 | 11 | 216,245 | 21 | 820,362 | 10 | 604,117 |  |
| В-37 | 2 | 0,667 | 8 | 452,214 | 21 | 820,362 | 13 | 368,148 |  |
| В-38 | 2 | 0,625 | 8 | 431,822 | 21 | 820,362 | 13 | 388,540 |  |
| В-39 | 2 | 0,75 | 8 | 492,515 | 21 | 820,362 | 13 | 327,847 |  |
| В-40 | 2 | 0,8 | 8 | 516,792 | 21 | 820,362 | 13 | 303,570 | *, ,*  оптимальный  для заказчика |

Из выявленных оптимальных решений для подрядчика выберем два крайних варианта инвестирования: вариант В-40, когда и , и вариант В-12, когда и .

**В-40** имеет следующие параметры: суммарные затраты 303,570 млн. руб., срок строительства 8 месяцев, период окупаемости 2 года, коэффициент распределения инвестиций 0,8 соответствует неравномерно-убывающему (по закону вогнутой кубической параболы) потреблению ресурсов. В контракт ген. подрядчику выгодно заложить максимальный срок строительства – 21 месяц и соответствующие ему затраты 820,362 млн. руб. Это позволит подрядчику при прочих равных условиях сократить срок строительства с 21 месяца (контрактный срок строительства) до 8 месяцев (расчетный срок строительства). Это обеспечивает подрядчику возможность достижения различных видов эффектов, а также снижение рисков. Однако в этом случае подрядчик имеет минимальное сокращение затрат , что ведет к уменьшению общего эффекта. Возникает риск нехватки финансовых ресурсов в случае непредвиденных расходов.

**В-12** имеет следующие параметры: суммарные затраты 660,959 млн. руб., срок строительства 15 месяцев, период окупаемости 5 лет, коэффициент распределения инвестиций 0,2. Данный вариант обеспечивает получение максимального эффекта от сокращения затрат. В контракт ген. подрядчиком будет заложен максимальный срок строительства – 21 месяц и соответствующие ему затраты 820,362 млн. руб.

# 4. Вариант контракта

Контракт, заключенный между подрядчиком и заказчиком, должен максимально учитывать интересы обеих сторон. Понятно, что подрядчику выгодно заложить в контракт максимальный срок строительства 21 месяц и максимальные затраты 820,362 млн. руб., обеспечив при этом окупаемость объекта через 5 лет. Очевидно и то, что заказчик захочет сократить срок строительства, чтобы окупаемость объекта произошла как можно быстрее, а также сократить затраты на строительство объекта.

Поэтому подрядчик должен предложить заказчику следующий условия контракта:

‒ срок строительства – 21 месяц;

‒ объем инвестиций – 820,362 млн. руб.;

‒ период окупаемости – 5 лет.

Распределение капитальных вложений – равномерно-убывающее.

Для защиты строительной системы необходимо обеспечить эффективное функционирование контрактной системы, это обойдется заказчику в 246,109 млн. руб. (30% от стоимости строительства).

При данном варианте инвестирования увеличиваются риски подрядчика, т.е. возможность возникновения неблагоприятных ситуаций в ходе реализации планов: риск возникновения непредвиденных расходов, ресурсный риск, организационный риск и др. Риски нужно учитывать и страховать.

Договор страхования от всех видов рисков учитывает определенные потребности подрядчика, гарантирует страхование имущества от всех рисков материальных потерь. Он охватывает все стадии незавершенного строительства, основное, вспомогательное и транспортное оборудование, а также результаты труда.

В таком страховании заинтересованы не только подрядчики, но и в первую очередь заказчики. Это дает им уменьшение риска потерь, вызванных нарушением графиков строительно-монтажных работ. Заказчик, в свою очередь, также имеет риски: риск нежизнеспособности проекта, налоговый риск, риск не завершения строительства и др. На страхование рисков необходимо выделить 50% себестоимости строительства с учетом затрат на контракт, т.е. 410,181 млн. руб.

Таким образом, в договоре подряда объем инвестиций должен учитывать затраты на обеспечение контрактной системы и страхование рисков, он составит 820,362 + 246,109 + 410,181 = 1476,652 млн. руб. Договором подряда также должны быть оговорены все случаи нарушения договора и предусмотрены соответствующие санкции.

# Заключение

Результатом данного практического задания стал выбор наиболее рационального варианта инвестирования возведения объекта, который должен оптимально удовлетворять требованиям заказчика, так и требованиям подрядчика, хотя их интересы расходятся.

Заказчик заинтересован в сооружении объекта и вводе его в эксплуатацию при минимальных затратах на строительство и в наиболее короткие сроки, получении максимального дохода в кратчайшие сроки. Подрядчик же стремится увеличить срок строительного процесса и сумму будущих затрат.

При выборе контракта договора подряда были рассмотрены различные виды распределения капитальных вложений, был рассчитан нормативный срок строительства жилого дома в условиях рыночной экономики и сложившейся организационно-технической ситуации месяц. А также оптимальный срок строительства для каждого вида распределения инвестиций и для каждого из заданных сроков окупаемости объекта. Для этого были определены снижающиеся и возрастающие затраты на строительство по методу Прыкина Б.В. и подсчитаны общие затраты. Оптимальным признавался тот вариант, при котором и , расчётное время *t*, соответствующее этим затратам, и является оптимальной продолжительностью возведения здания.

В контракт подряда закладывается сумма, учитывающая также дополнительные инвестиции на обеспечение эффективного функционирования контрактной системы и на страхование рисков. Подрядчик должен предложить заказчику следующие условия контракта:

‒ срок строительства – 21 месяц;

‒ объем инвестиций – 820,362 млн. руб.;

‒ период окупаемости – 5 лет;

‒ характер использования капитальных вложений – неравномерно-возрастающий.

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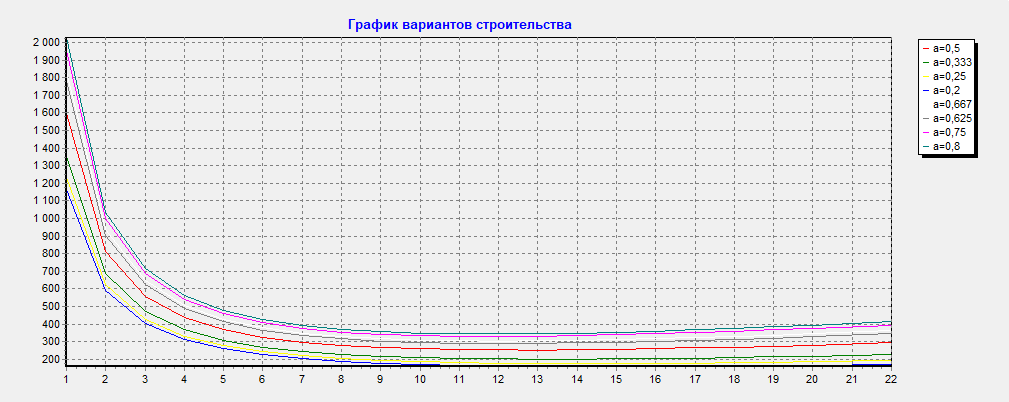
**Приложение**

**Приложение А**

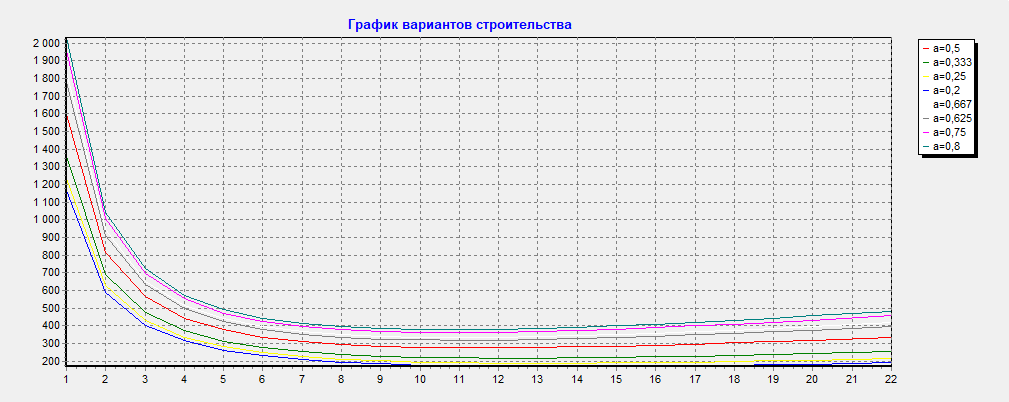
|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ar/Месяц | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | Сумма |
|  | **В-2: Tок=6,25, αр=0,33** | | | | | | | | | | |
| 0,33/1 | 1,911 | 1,690 | 2,640 | 658,653 | 4,320 | 21,480 | 457,627 | 316,057 | 38,221 | 92,838 | 1595,436 |
| 0,33/2 | 3,822 | 3,379 | 5,280 | 329,326 | 2,160 | 10,740 | 228,814 | 158,029 | 19,110 | 46,419 | 807,079 |
| 0,33/3 | 5,733 | 5,069 | 7,920 | 219,551 | 1,440 | 7,160 | 152,542 | 105,352 | 12,740 | 30,946 | 548,453 |
| 0,33/4 | 7,643 | 6,758 | 10,560 | 164,663 | 1,080 | 5,370 | 114,407 | 79,014 | 9,555 | 23,210 | 422,261 |
| 0,33/5 | 9,554 | 8,448 | 13,200 | 131,731 | 0,864 | 4,296 | 91,525 | 63,211 | 7,644 | 18,568 | 349,041 |
| 0,33/6 | 11,465 | 10,138 | 15,840 | 109,775 | 0,720 | 3,580 | 76,271 | 52,676 | 6,370 | 15,473 | 302,309 |
| 0,33/7 | 13,376 | 11,827 | 18,480 | 94,093 | 0,617 | 3,069 | 65,375 | 45,151 | 5,460 | 13,263 | 270,711 |
| 0,33/8 | 15,287 | 13,517 | 21,120 | 82,332 | 0,540 | 2,685 | 57,203 | 39,507 | 4,778 | 11,605 | 248,573 |
| 0,33/9 | 17,198 | 15,206 | 23,760 | 73,184 | 0,480 | 2,387 | 50,847 | 35,117 | 4,247 | 10,315 | 232,741 |
| 0,33/10 | 19,109 | 16,896 | 26,400 | 65,865 | 0,432 | 2,148 | 45,763 | 31,606 | 3,822 | 9,284 | 221,324 |
| 0,33/11 | 21,019 | 18,586 | 29,040 | 59,878 | 0,393 | 1,953 | 41,602 | 28,732 | 3,475 | 8,440 | 213,117 |
| 0,33/12 | 22,930 | 20,275 | 31,680 | 54,888 | 0,360 | 1,790 | 38,136 | 26,338 | 3,185 | 7,737 | 207,318 |
| 0,33/13 | 24,841 | 21,965 | 34,320 | 50,666 | 0,332 | 1,652 | 35,202 | 24,312 | 2,940 | 7,141 | 203,372 |
| 0,33/14 | 26,752 | 23,654 | 36,960 | 47,047 | 0,309 | 1,534 | 32,688 | 22,576 | 2,730 | 6,631 | 200,880 |
| 0,33/15 | 28,663 | 25,344 | 39,600 | 43,910 | 0,288 | 1,432 | 30,508 | 21,070 | 2,548 | 6,189 | 199,553 |
| 0,33/16 | 30,574 | 27,034 | 42,240 | 41,166 | 0,270 | 1,342 | 28,602 | 19,754 | 2,389 | 5,802 | 199,172 |
| 0,33/17 | 32,485 | 28,723 | 44,880 | 38,744 | 0,254 | 1,264 | 26,919 | 18,592 | 2,248 | 5,461 | 199,570 |
| 0,33/18 | 34,395 | 30,413 | 47,520 | 36,592 | 0,240 | 1,193 | 25,424 | 17,559 | 2,123 | 5,158 | 200,617 |
| 0,33/19 | 36,306 | 32,102 | 50,160 | 34,666 | 0,227 | 1,131 | 24,086 | 16,635 | 2,012 | 4,886 | 202,211 |
| 0,33/20 | 38,217 | 33,792 | 52,800 | 32,933 | 0,216 | 1,074 | 22,881 | 15,803 | 1,911 | 4,642 | 204,269 |
| 0,33/21 | 40,128 | 35,482 | 55,440 | 31,364 | 0,206 | 1,023 | 21,792 | 15,050 | 1,820 | 4,421 | 206,726 |
|  | **В-3: Tок=6,25, αр=0,25** | | | | | | | | | | |
| 0,25/1 | 1,911 | 1,280 | 2,000 | 658,653 | 4,320 | 21,480 | 457,627 | 316,057 | 38,221 | 92,838 | 1594,386 |
| 0,25/2 | 3,822 | 2,560 | 4,000 | 329,326 | 2,160 | 10,740 | 228,814 | 158,029 | 19,110 | 46,419 | 804,979 |
| 0,25/3 | 5,733 | 3,840 | 6,000 | 219,551 | 1,440 | 7,160 | 152,542 | 105,352 | 12,740 | 30,946 | 545,304 |
| 0,25/4 | 7,643 | 5,120 | 8,000 | 164,663 | 1,080 | 5,370 | 114,407 | 79,014 | 9,555 | 23,210 | 418,062 |
| 0,25/5 | 9,554 | 6,400 | 10,000 | 131,731 | 0,864 | 4,296 | 91,525 | 63,211 | 7,644 | 18,568 | 343,793 |
| 0,25/6 | 11,465 | 7,680 | 12,000 | 109,775 | 0,720 | 3,580 | 76,271 | 52,676 | 6,370 | 15,473 | 296,011 |
| 0,25/7 | 13,376 | 8,960 | 14,000 | 94,093 | 0,617 | 3,069 | 65,375 | 45,151 | 5,460 | 13,263 | 263,364 |
| 0,25/8 | 15,287 | 10,240 | 16,000 | 82,332 | 0,540 | 2,685 | 57,203 | 39,507 | 4,778 | 11,605 | 240,176 |
| 0,25/9 | 17,198 | 11,520 | 18,000 | 73,184 | 0,480 | 2,387 | 50,847 | 35,117 | 4,247 | 10,315 | 223,295 |
| 0,25/10 | 19,109 | 12,800 | 20,000 | 65,865 | 0,432 | 2,148 | 45,763 | 31,606 | 3,822 | 9,284 | 210,828 |
| 0,25/11 | 21,019 | 14,080 | 22,000 | 59,878 | 0,393 | 1,953 | 41,602 | 28,732 | 3,475 | 8,440 | 201,572 |
| 0,25/12 | 22,930 | 15,360 | 24,000 | 54,888 | 0,360 | 1,790 | 38,136 | 26,338 | 3,185 | 7,737 | 194,723 |
| 0,25/13 | 24,841 | 16,640 | 26,000 | 50,666 | 0,332 | 1,652 | 35,202 | 24,312 | 2,940 | 7,141 | 189,727 |
| 0,25/14 | 26,752 | 17,920 | 28,000 | 47,047 | 0,309 | 1,534 | 32,688 | 22,576 | 2,730 | 6,631 | 186,186 |
| 0,25/15 | 28,663 | 19,200 | 30,000 | 43,910 | 0,288 | 1,432 | 30,508 | 21,070 | 2,548 | 6,189 | 183,809 |
| 0,25/16 | 30,574 | 20,480 | 32,000 | 41,166 | 0,270 | 1,342 | 28,602 | 19,754 | 2,389 | 5,802 | 182,378 |
| 0,25/17 | 32,485 | 21,760 | 34,000 | 38,744 | 0,254 | 1,264 | 26,919 | 18,592 | 2,248 | 5,461 | 181,727 |
| 0,25/18 | 34,395 | 23,040 | 36,000 | 36,592 | 0,240 | 1,193 | 25,424 | 17,559 | 2,123 | 5,158 | 181,724 |
| 0,25/19 | 36,306 | 24,320 | 38,000 | 34,666 | 0,227 | 1,131 | 24,086 | 16,635 | 2,012 | 4,886 | 182,268 |
| 0,25/20 | 38,217 | 25,600 | 40,000 | 32,933 | 0,216 | 1,074 | 22,881 | 15,803 | 1,911 | 4,642 | 183,277 |
| 0,25/21 | 40,128 | 26,880 | 42,000 | 31,364 | 0,206 | 1,023 | 21,792 | 15,050 | 1,820 | 4,421 | 184,684 |
|  | **В-4: Tок=6,25, αр=0,20** | | | | | | | | | | |
| 0,20/1 | 1,911 | 1,024 | 1,600 | 658,653 | 4,320 | 21,480 | 457,627 | 316,057 | 38,221 | 92,838 | 1593,730 |
| 0,20/2 | 3,822 | 2,048 | 3,200 | 329,326 | 2,160 | 10,740 | 228,814 | 158,029 | 19,110 | 46,419 | 803,667 |
| 0,20/3 | 5,733 | 3,072 | 4,800 | 219,551 | 1,440 | 7,160 | 152,542 | 105,352 | 12,740 | 30,946 | 543,336 |
| 0,20/4 | 7,643 | 4,096 | 6,400 | 164,663 | 1,080 | 5,370 | 114,407 | 79,014 | 9,555 | 23,210 | 415,438 |
| 0,20/5 | 9,554 | 5,120 | 8,000 | 131,731 | 0,864 | 4,296 | 91,525 | 63,211 | 7,644 | 18,568 | 340,513 |
| 0,20/6 | 11,465 | 6,144 | 9,600 | 109,775 | 0,720 | 3,580 | 76,271 | 52,676 | 6,370 | 15,473 | 292,075 |
| 0,20/7 | 13,376 | 7,168 | 11,200 | 94,093 | 0,617 | 3,069 | 65,375 | 45,151 | 5,460 | 13,263 | 258,772 |
| 0,20/8 | 15,287 | 8,192 | 12,800 | 82,332 | 0,540 | 2,685 | 57,203 | 39,507 | 4,778 | 11,605 | 234,928 |
| 0,20/9 | 17,198 | 9,216 | 14,400 | 73,184 | 0,480 | 2,387 | 50,847 | 35,117 | 4,247 | 10,315 | 217,391 |
| 0,20/10 | 19,109 | 10,240 | 16,000 | 65,865 | 0,432 | 2,148 | 45,763 | 31,606 | 3,822 | 9,284 | 204,268 |
| 0,20/11 | 21,019 | 11,264 | 17,600 | 59,878 | 0,393 | 1,953 | 41,602 | 28,732 | 3,475 | 8,440 | 194,356 |
| 0,20/12 | 22,930 | 12,288 | 19,200 | 54,888 | 0,360 | 1,790 | 38,136 | 26,338 | 3,185 | 7,737 | 186,851 |
| 0,20/13 | 24,841 | 13,312 | 20,800 | 50,666 | 0,332 | 1,652 | 35,202 | 24,312 | 2,940 | 7,141 | 181,199 |
| 0,20/14 | 26,752 | 14,336 | 22,400 | 47,047 | 0,309 | 1,534 | 32,688 | 22,576 | 2,730 | 6,631 | 177,002 |
| 0,20/15 | 28,663 | 15,360 | 24,000 | 43,910 | 0,288 | 1,432 | 30,508 | 21,070 | 2,548 | 6,189 | 173,969 |
| 0,20/16 | 30,574 | 16,384 | 25,600 | 41,166 | 0,270 | 1,342 | 28,602 | 19,754 | 2,389 | 5,802 | 171,882 |
| 0,20/17 | 32,485 | 17,408 | 27,200 | 38,744 | 0,254 | 1,264 | 26,919 | 18,592 | 2,248 | 5,461 | 170,575 |
| 0,20/18 | 34,395 | 18,432 | 28,800 | 36,592 | 0,240 | 1,193 | 25,424 | 17,559 | 2,123 | 5,158 | 169,916 |
| 0,20/19 | 36,306 | 19,456 | 30,400 | 34,666 | 0,227 | 1,131 | 24,086 | 16,635 | 2,012 | 4,886 | 169,804 |
| 0,20/20 | 38,217 | 20,480 | 32,000 | 32,933 | 0,216 | 1,074 | 22,881 | 15,803 | 1,911 | 4,642 | 170,157 |
| 0,20/21 | 40,128 | 21,504 | 33,600 | 31,364 | 0,206 | 1,023 | 21,792 | 15,050 | 1,820 | 4,421 | 170,908 |
|  | **В-5: Tок=6,25, αр=0,667** | | | | | | | | | | |
| 0,67/1 | 1,911 | 3,415 | 5,336 | 658,653 | 4,320 | 21,480 | 457,627 | 316,057 | 38,221 | 92,838 | 1599,857 |
| 0,67/2 | 3,822 | 6,830 | 10,672 | 329,326 | 2,160 | 10,740 | 228,814 | 158,029 | 19,110 | 46,419 | 815,922 |
| 0,67/3 | 5,733 | 10,245 | 16,008 | 219,551 | 1,440 | 7,160 | 152,542 | 105,352 | 12,740 | 30,946 | 561,718 |
| 0,67/4 | 7,643 | 13,660 | 21,344 | 164,663 | 1,080 | 5,370 | 114,407 | 79,014 | 9,555 | 23,210 | 439,946 |
| 0,67/5 | 9,554 | 17,075 | 26,680 | 131,731 | 0,864 | 4,296 | 91,525 | 63,211 | 7,644 | 18,568 | 371,149 |
| 0,67/6 | 11,465 | 20,490 | 32,016 | 109,775 | 0,720 | 3,580 | 76,271 | 52,676 | 6,370 | 15,473 | 328,837 |
| 0,67/7 | 13,376 | 23,905 | 37,352 | 94,093 | 0,617 | 3,069 | 65,375 | 45,151 | 5,460 | 13,263 | 301,661 |
| 0,67/8 | 15,287 | 27,320 | 42,688 | 82,332 | 0,540 | 2,685 | 57,203 | 39,507 | 4,778 | 11,605 | 283,945 |
| 0,67/9 | 17,198 | 30,735 | 48,024 | 73,184 | 0,480 | 2,387 | 50,847 | 35,117 | 4,247 | 10,315 | 272,534 |
| 0,67/10 | 19,109 | 34,150 | 53,360 | 65,865 | 0,432 | 2,148 | 45,763 | 31,606 | 3,822 | 9,284 | 265,539 |
| 0,67/11 | 21,019 | 37,565 | 58,696 | 59,878 | 0,393 | 1,953 | 41,602 | 28,732 | 3,475 | 8,440 | 261,753 |
| 0,67/12 | 22,930 | 40,980 | 64,032 | 54,888 | 0,360 | 1,790 | 38,136 | 26,338 | 3,185 | 7,737 | 260,376 |
| 0,67/13 | 24,841 | 44,396 | 69,368 | 50,666 | 0,332 | 1,652 | 35,202 | 24,312 | 2,940 | 7,141 | 260,850 |
| 0,67/14 | 26,752 | 47,811 | 74,704 | 47,047 | 0,309 | 1,534 | 32,688 | 22,576 | 2,730 | 6,631 | 262,781 |
| 0,67/15 | 28,663 | 51,226 | 80,040 | 43,910 | 0,288 | 1,432 | 30,508 | 21,070 | 2,548 | 6,189 | 265,875 |
| 0,67/16 | 30,574 | 54,641 | 85,376 | 41,166 | 0,270 | 1,342 | 28,602 | 19,754 | 2,389 | 5,802 | 269,915 |
| 0,67/17 | 32,485 | 58,056 | 90,712 | 38,744 | 0,254 | 1,264 | 26,919 | 18,592 | 2,248 | 5,461 | 274,734 |
| 0,67/18 | 34,395 | 61,471 | 96,048 | 36,592 | 0,240 | 1,193 | 25,424 | 17,559 | 2,123 | 5,158 | 280,203 |
| 0,67/19 | 36,306 | 64,886 | 101,384 | 34,666 | 0,227 | 1,131 | 24,086 | 16,635 | 2,012 | 4,886 | 286,218 |
| 0,67/20 | 38,217 | 68,301 | 106,720 | 32,933 | 0,216 | 1,074 | 22,881 | 15,803 | 1,911 | 4,642 | 292,698 |
| 0,67/21 | 40,128 | 71,716 | 112,056 | 31,364 | 0,206 | 1,023 | 21,792 | 15,050 | 1,820 | 4,421 | 299,576 |
|  | **В-6: Tок=6,25, αр=0,63** | | | | | | | | | | |
| 0,63/1 | 1,911 | 3,226 | 5,040 | 658,653 | 4,320 | 21,480 | 457,627 | 316,057 | 38,221 | 92,838 | 1599,372 |
| 0,63/2 | 3,822 | 6,451 | 10,080 | 329,326 | 2,160 | 10,740 | 228,814 | 158,029 | 19,110 | 46,419 | 814,951 |
| 0,63/3 | 5,733 | 9,677 | 15,120 | 219,551 | 1,440 | 7,160 | 152,542 | 105,352 | 12,740 | 30,946 | 560,261 |
| 0,63/4 | 7,643 | 12,902 | 20,160 | 164,663 | 1,080 | 5,370 | 114,407 | 79,014 | 9,555 | 23,210 | 438,005 |
| 0,63/5 | 9,554 | 16,128 | 25,200 | 131,731 | 0,864 | 4,296 | 91,525 | 63,211 | 7,644 | 18,568 | 368,721 |
| 0,63/6 | 11,465 | 19,354 | 30,240 | 109,775 | 0,720 | 3,580 | 76,271 | 52,676 | 6,370 | 15,473 | 325,925 |
| 0,63/7 | 13,376 | 22,579 | 35,280 | 94,093 | 0,617 | 3,069 | 65,375 | 45,151 | 5,460 | 13,263 | 298,263 |
| 0,63/8 | 15,287 | 25,805 | 40,320 | 82,332 | 0,540 | 2,685 | 57,203 | 39,507 | 4,778 | 11,605 | 280,061 |
| 0,63/9 | 17,198 | 29,030 | 45,360 | 73,184 | 0,480 | 2,387 | 50,847 | 35,117 | 4,247 | 10,315 | 268,165 |
| 0,63/10 | 19,109 | 32,256 | 50,400 | 65,865 | 0,432 | 2,148 | 45,763 | 31,606 | 3,822 | 9,284 | 260,684 |
| 0,63/11 | 21,019 | 35,482 | 55,440 | 59,878 | 0,393 | 1,953 | 41,602 | 28,732 | 3,475 | 8,440 | 256,413 |
| 0,63/12 | 22,930 | 38,707 | 60,480 | 54,888 | 0,360 | 1,790 | 38,136 | 26,338 | 3,185 | 7,737 | 254,550 |
| 0,63/13 | 24,841 | 41,933 | 65,520 | 50,666 | 0,332 | 1,652 | 35,202 | 24,312 | 2,940 | 7,141 | 254,540 |
| 0,63/14 | 26,752 | 45,158 | 70,560 | 47,047 | 0,309 | 1,534 | 32,688 | 22,576 | 2,730 | 6,631 | 255,984 |
| 0,63/15 | 28,663 | 48,384 | 75,600 | 43,910 | 0,288 | 1,432 | 30,508 | 21,070 | 2,548 | 6,189 | 258,593 |
| 0,63/16 | 30,574 | 51,610 | 80,640 | 41,166 | 0,270 | 1,342 | 28,602 | 19,754 | 2,389 | 5,802 | 262,148 |
| 0,63/17 | 32,485 | 54,835 | 85,680 | 38,744 | 0,254 | 1,264 | 26,919 | 18,592 | 2,248 | 5,461 | 266,482 |
| 0,63/18 | 34,395 | 58,061 | 90,720 | 36,592 | 0,240 | 1,193 | 25,424 | 17,559 | 2,123 | 5,158 | 271,465 |
| 0,63/19 | 36,306 | 61,286 | 95,760 | 34,666 | 0,227 | 1,131 | 24,086 | 16,635 | 2,012 | 4,886 | 276,995 |
| 0,63/20 | 38,217 | 64,512 | 100,800 | 32,933 | 0,216 | 1,074 | 22,881 | 15,803 | 1,911 | 4,642 | 282,989 |
| 0,63/21 | 40,128 | 67,738 | 105,840 | 31,364 | 0,206 | 1,023 | 21,792 | 15,050 | 1,820 | 4,421 | 289,382 |
|  | **В-7: Tок=6,25, αр=0,75** | | | | | | | | | | |
| 0,75/1 | 1,911 | 3,840 | 6,000 | 658,653 | 4,320 | 21,480 | 457,627 | 316,057 | 38,221 | 92,838 | 1600,946 |
| 0,75/2 | 3,822 | 7,680 | 12,000 | 329,326 | 2,160 | 10,740 | 228,814 | 158,029 | 19,110 | 46,419 | 818,099 |
| 0,75/3 | 5,733 | 11,520 | 18,000 | 219,551 | 1,440 | 7,160 | 152,542 | 105,352 | 12,740 | 30,946 | 564,984 |
| 0,75/4 | 7,643 | 15,360 | 24,000 | 164,663 | 1,080 | 5,370 | 114,407 | 79,014 | 9,555 | 23,210 | 444,302 |
| 0,75/5 | 9,554 | 19,200 | 30,000 | 131,731 | 0,864 | 4,296 | 91,525 | 63,211 | 7,644 | 18,568 | 376,593 |
| 0,75/6 | 11,465 | 23,040 | 36,000 | 109,775 | 0,720 | 3,580 | 76,271 | 52,676 | 6,370 | 15,473 | 335,371 |
| 0,75/7 | 13,376 | 26,880 | 42,000 | 94,093 | 0,617 | 3,069 | 65,375 | 45,151 | 5,460 | 13,263 | 309,284 |
| 0,75/8 | 15,287 | 30,720 | 48,000 | 82,332 | 0,540 | 2,685 | 57,203 | 39,507 | 4,778 | 11,605 | 292,656 |
| 0,75/9 | 17,198 | 34,560 | 54,000 | 73,184 | 0,480 | 2,387 | 50,847 | 35,117 | 4,247 | 10,315 | 282,335 |
| 0,75/10 | 19,109 | 38,400 | 60,000 | 65,865 | 0,432 | 2,148 | 45,763 | 31,606 | 3,822 | 9,284 | 276,428 |
| 0,75/11 | 21,019 | 42,240 | 66,000 | 59,878 | 0,393 | 1,953 | 41,602 | 28,732 | 3,475 | 8,440 | 273,732 |
| 0,75/12 | 22,930 | 46,080 | 72,000 | 54,888 | 0,360 | 1,790 | 38,136 | 26,338 | 3,185 | 7,737 | 273,443 |
| 0,75/13 | 24,841 | 49,920 | 78,000 | 50,666 | 0,332 | 1,652 | 35,202 | 24,312 | 2,940 | 7,141 | 275,007 |
| 0,75/14 | 26,752 | 53,760 | 84,000 | 47,047 | 0,309 | 1,534 | 32,688 | 22,576 | 2,730 | 6,631 | 278,026 |
| 0,75/15 | 28,663 | 57,600 | 90,000 | 43,910 | 0,288 | 1,432 | 30,508 | 21,070 | 2,548 | 6,189 | 282,209 |
| 0,75/16 | 30,574 | 61,440 | 96,000 | 41,166 | 0,270 | 1,342 | 28,602 | 19,754 | 2,389 | 5,802 | 287,338 |
| 0,75/17 | 32,485 | 65,280 | 102,000 | 38,744 | 0,254 | 1,264 | 26,919 | 18,592 | 2,248 | 5,461 | 293,247 |
| 0,75/18 | 34,395 | 69,120 | 108,000 | 36,592 | 0,240 | 1,193 | 25,424 | 17,559 | 2,123 | 5,158 | 299,804 |
| 0,75/19 | 36,306 | 72,960 | 114,000 | 34,666 | 0,227 | 1,131 | 24,086 | 16,635 | 2,012 | 4,886 | 306,908 |
| 0,75/20 | 38,217 | 76,800 | 120,000 | 32,933 | 0,216 | 1,074 | 22,881 | 15,803 | 1,911 | 4,642 | 314,477 |
| 0,75/21 | 40,128 | 80,640 | 126,000 | 31,364 | 0,206 | 1,023 | 21,792 | 15,050 | 1,820 | 4,421 | 322,444 |
|  | **В-8: Tок=6,25, αр=0,80** | | | | | | | | | | |
| 0,80/1 | 1,911 | 4,096 | 6,400 | 658,653 | 4,320 | 21,480 | 457,627 | 316,057 | 38,221 | 92,838 | 1601,602 |
| 0,80/2 | 3,822 | 8,192 | 12,800 | 329,326 | 2,160 | 10,740 | 228,814 | 158,029 | 19,110 | 46,419 | 819,411 |
| 0,80/3 | 5,733 | 12,288 | 19,200 | 219,551 | 1,440 | 7,160 | 152,542 | 105,352 | 12,740 | 30,946 | 566,952 |
| 0,80/4 | 7,643 | 16,384 | 25,600 | 164,663 | 1,080 | 5,370 | 114,407 | 79,014 | 9,555 | 23,210 | 446,926 |
| 0,80/5 | 9,554 | 20,480 | 32,000 | 131,731 | 0,864 | 4,296 | 91,525 | 63,211 | 7,644 | 18,568 | 379,873 |
| 0,80/6 | 11,465 | 24,576 | 38,400 | 109,775 | 0,720 | 3,580 | 76,271 | 52,676 | 6,370 | 15,473 | 339,307 |
| 0,80/7 | 13,376 | 28,672 | 44,800 | 94,093 | 0,617 | 3,069 | 65,375 | 45,151 | 5,460 | 13,263 | 313,876 |
| 0,80/8 | 15,287 | 32,768 | 51,200 | 82,332 | 0,540 | 2,685 | 57,203 | 39,507 | 4,778 | 11,605 | 297,904 |
| 0,80/9 | 17,198 | 36,864 | 57,600 | 73,184 | 0,480 | 2,387 | 50,847 | 35,117 | 4,247 | 10,315 | 288,239 |
| 0,80/10 | 19,109 | 40,960 | 64,000 | 65,865 | 0,432 | 2,148 | 45,763 | 31,606 | 3,822 | 9,284 | 282,988 |
| 0,80/11 | 21,019 | 45,056 | 70,400 | 59,878 | 0,393 | 1,953 | 41,602 | 28,732 | 3,475 | 8,440 | 280,948 |
| 0,80/12 | 22,930 | 49,152 | 76,800 | 54,888 | 0,360 | 1,790 | 38,136 | 26,338 | 3,185 | 7,737 | 281,315 |
| 0,80/13 | 24,841 | 53,248 | 83,200 | 50,666 | 0,332 | 1,652 | 35,202 | 24,312 | 2,940 | 7,141 | 283,535 |
| 0,80/14 | 26,752 | 57,344 | 89,600 | 47,047 | 0,309 | 1,534 | 32,688 | 22,576 | 2,730 | 6,631 | 287,210 |
| 0,80/15 | 28,663 | 61,440 | 96,000 | 43,910 | 0,288 | 1,432 | 30,508 | 21,070 | 2,548 | 6,189 | 292,049 |
| 0,80/16 | 30,574 | 65,536 | 102,400 | 41,166 | 0,270 | 1,342 | 28,602 | 19,754 | 2,389 | 5,802 | 297,834 |
| 0,80/17 | 32,485 | 69,632 | 108,800 | 38,744 | 0,254 | 1,264 | 26,919 | 18,592 | 2,248 | 5,461 | 304,399 |
| 0,80/18 | 34,395 | 73,728 | 115,200 | 36,592 | 0,240 | 1,193 | 25,424 | 17,559 | 2,123 | 5,158 | 311,612 |
| 0,80/19 | 36,306 | 77,824 | 121,600 | 34,666 | 0,227 | 1,131 | 24,086 | 16,635 | 2,012 | 4,886 | 319,372 |
| 0,80/20 | 38,217 | 81,920 | 128,000 | 32,933 | 0,216 | 1,074 | 22,881 | 15,803 | 1,911 | 4,642 | 327,597 |
| 0,80/21 | 40,128 | 86,016 | 134,400 | 31,364 | 0,206 | 1,023 | 21,792 | 15,050 | 1,820 | 4,421 | 336,220 |
|  | **В-9: Tок=5, αр=0,50** | | | | | | | | | | |
| 0,50/1 | 2,408 | 3,840 | 3,840 | 713,387 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1596,225 |
| 0,50/2 | 4,815 | 7,680 | 7,680 | 356,693 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 813,243 |
| 0,50/3 | 7,223 | 11,520 | 11,520 | 237,796 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 558,975 |
| 0,50/4 | 9,631 | 15,360 | 15,360 | 178,347 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 436,885 |
| 0,50/5 | 12,038 | 19,200 | 19,200 | 142,677 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 367,665 |
| 0,50/6 | 14,446 | 23,040 | 23,040 | 118,898 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 324,882 |
| 0,50/7 | 16,854 | 26,880 | 26,880 | 101,912 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 297,204 |
| 0,50/8 | 19,261 | 30,720 | 30,720 | 89,173 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 278,968 |
| 0,50/9 | 21,669 | 34,560 | 34,560 | 79,265 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 267,026 |
| 0,50/10 | 24,077 | 38,400 | 38,400 | 71,339 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 259,491 |
| 0,50/11 | 26,484 | 42,240 | 42,240 | 64,853 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 255,157 |
| 0,50/12 | 28,892 | 46,080 | 46,080 | 59,449 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 253,231 |
| 0,50/13 | 31,300 | 49,920 | 49,920 | 54,876 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 253,151 |
| 0,50/14 | 33,708 | 53,760 | 53,760 | 50,956 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 254,524 |
| 0,50/15 | 36,115 | 57,600 | 57,600 | 47,559 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 257,058 |
| 0,50/16 | 38,523 | 61,440 | 61,440 | 44,587 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 260,537 |
| 0,50/17 | 40,931 | 65,280 | 65,280 | 41,964 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 264,793 |
| 0,50/18 | 43,338 | 69,120 | 69,120 | 39,633 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 269,697 |
| 0,50/19 | 45,746 | 72,960 | 72,960 | 37,547 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 275,148 |
| 0,50/20 | 48,154 | 76,800 | 76,800 | 35,669 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 281,059 |
| 0,50/21 | 52,969 | 84,480 | 84,480 | 32,427 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 294,026 |
|  | **В-10: Tок=5, αр=0,33** | | | | | | | | | | |
| 0,33/1 | 2,408 | 2,557 | 2,557 | 475,116 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1355,388 |
| 0,33/2 | 4,815 | 5,115 | 5,115 | 237,558 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 688,978 |
| 0,33/3 | 7,223 | 7,672 | 7,672 | 158,372 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 471,855 |
| 0,33/4 | 9,631 | 10,230 | 10,230 | 118,779 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 367,057 |
| 0,33/5 | 12,038 | 12,787 | 12,787 | 95,023 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 307,185 |
| 0,33/6 | 14,446 | 15,345 | 15,345 | 79,186 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 269,780 |
| 0,33/7 | 16,854 | 17,902 | 17,902 | 67,874 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 245,210 |
| 0,33/8 | 19,261 | 20,460 | 20,460 | 59,389 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 228,664 |
| 0,33/9 | 21,669 | 23,017 | 23,017 | 52,791 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 217,466 |
| 0,33/10 | 24,077 | 25,574 | 25,574 | 47,512 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 210,012 |
| 0,33/11 | 26,484 | 28,132 | 28,132 | 43,192 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 205,280 |
| 0,33/12 | 28,892 | 30,689 | 30,689 | 39,593 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 202,593 |
| 0,33/13 | 31,300 | 33,247 | 33,247 | 36,547 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 201,476 |
| 0,33/14 | 33,708 | 35,804 | 35,804 | 33,937 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 201,593 |
| 0,33/15 | 36,115 | 38,362 | 38,362 | 31,674 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 202,697 |
| 0,33/16 | 38,523 | 40,919 | 40,919 | 29,695 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 204,603 |
| 0,33/17 | 40,931 | 43,476 | 43,476 | 27,948 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 207,169 |
| 0,33/18 | 43,338 | 46,034 | 46,034 | 26,395 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 210,287 |
| 0,33/19 | 45,746 | 48,591 | 48,591 | 25,006 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 213,869 |
| 0,33/20 | 48,154 | 51,149 | 51,149 | 23,756 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 217,844 |
| 0,33/21 | 52,969 | 56,264 | 56,264 | 21,596 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 226,763 |
|  | **В-11: Tок=5, αр=0,25** | | | | | | | | | | |
| 0,25/1 | 2,408 | 1,920 | 1,920 | 356,693 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1235,691 |
| 0,25/2 | 4,815 | 3,840 | 3,840 | 178,347 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 627,217 |
| 0,25/3 | 7,223 | 5,760 | 5,760 | 118,898 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 428,557 |
| 0,25/4 | 9,631 | 7,680 | 7,680 | 89,173 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 332,351 |
| 0,25/5 | 12,038 | 9,600 | 9,600 | 71,339 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 277,127 |
| 0,25/6 | 14,446 | 11,520 | 11,520 | 59,449 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 242,393 |
| 0,25/7 | 16,854 | 13,440 | 13,440 | 50,956 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 219,368 |
| 0,25/8 | 19,261 | 15,360 | 15,360 | 44,587 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 203,662 |
| 0,25/9 | 21,669 | 17,280 | 17,280 | 39,633 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 192,834 |
| 0,25/10 | 24,077 | 19,200 | 19,200 | 35,669 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 185,421 |
| 0,25/11 | 26,484 | 21,120 | 21,120 | 32,427 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 180,491 |
| 0,25/12 | 28,892 | 23,040 | 23,040 | 29,724 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 177,426 |
| 0,25/13 | 31,300 | 24,960 | 24,960 | 27,438 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 175,793 |
| 0,25/14 | 33,708 | 26,880 | 26,880 | 25,478 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 175,286 |
| 0,25/15 | 36,115 | 28,800 | 28,800 | 23,780 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 175,679 |
| 0,25/16 | 38,523 | 30,720 | 30,720 | 22,293 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 176,803 |
| 0,25/17 | 40,931 | 32,640 | 32,640 | 20,982 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 178,531 |
| 0,25/18 | 43,338 | 34,560 | 34,560 | 19,816 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 180,760 |
| 0,25/19 | 45,746 | 36,480 | 36,480 | 18,773 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 183,414 |
| 0,25/20 | 48,154 | 38,400 | 38,400 | 17,835 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 186,425 |
| 0,25/21 | 52,969 | 42,240 | 42,240 | 16,213 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 193,332 |
|  | **В-12: Tок=5, αр=0,20** | | | | | | | | | | |
| 0,20/1 | 2,408 | 1,536 | 1,536 | 285,355 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1163,585 |
| 0,20/2 | 4,815 | 3,072 | 3,072 | 142,677 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 590,011 |
| 0,20/3 | 7,223 | 4,608 | 4,608 | 95,118 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 402,473 |
| 0,20/4 | 9,631 | 6,144 | 6,144 | 71,339 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 311,445 |
| 0,20/5 | 12,038 | 7,680 | 7,680 | 57,071 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 259,019 |
| 0,20/6 | 14,446 | 9,216 | 9,216 | 47,559 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 225,895 |
| 0,20/7 | 16,854 | 10,752 | 10,752 | 40,765 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 203,801 |
| 0,20/8 | 19,261 | 12,288 | 12,288 | 35,669 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 188,600 |
| 0,20/9 | 21,669 | 13,824 | 13,824 | 31,706 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 177,995 |
| 0,20/10 | 24,077 | 15,360 | 15,360 | 28,535 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 170,607 |
| 0,20/11 | 26,484 | 16,896 | 16,896 | 25,941 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 165,557 |
| 0,20/12 | 28,892 | 18,432 | 18,432 | 23,780 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 162,266 |
| 0,20/13 | 31,300 | 19,968 | 19,968 | 21,950 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 160,321 |
| 0,20/14 | 33,708 | 21,504 | 21,504 | 20,382 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 159,438 |
| 0,20/15 | 36,115 | 23,040 | 23,040 | 19,024 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 159,403 |
| 0,20/16 | 38,523 | 24,576 | 24,576 | 17,835 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 160,057 |
| 0,20/17 | 40,931 | 26,112 | 26,112 | 16,786 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 161,279 |
| 0,20/18 | 43,338 | 27,648 | 27,648 | 15,853 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 162,973 |
| 0,20/19 | 45,746 | 29,184 | 29,184 | 15,019 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 165,068 |
| 0,20/20 | 48,154 | 30,720 | 30,720 | 14,268 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 167,498 |
| 0,20/21 | 52,969 | 33,792 | 33,792 | 12,971 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 173,194 |
|  | **В-13: Tок=5, αр=0,67** | | | | | | | | | | |
| 0,67/1 | 2,408 | 5,123 | 5,123 | 951,658 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1837,062 |
| 0,67/2 | 4,815 | 10,245 | 10,245 | 475,829 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 937,509 |
| 0,67/3 | 7,223 | 15,368 | 15,368 | 317,219 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 646,094 |
| 0,67/4 | 9,631 | 20,490 | 20,490 | 237,914 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 506,712 |
| 0,67/5 | 12,038 | 25,613 | 25,613 | 190,332 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 428,146 |
| 0,67/6 | 14,446 | 30,735 | 30,735 | 158,610 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 379,984 |
| 0,67/7 | 16,854 | 35,858 | 35,858 | 135,951 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 349,199 |
| 0,67/8 | 19,261 | 40,980 | 40,980 | 118,957 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 329,272 |
| 0,67/9 | 21,669 | 46,103 | 46,103 | 105,740 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 316,587 |
| 0,67/10 | 24,077 | 51,226 | 51,226 | 95,166 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 308,970 |
| 0,67/11 | 26,484 | 56,348 | 56,348 | 86,514 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 305,034 |
| 0,67/12 | 28,892 | 61,471 | 61,471 | 79,305 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 303,869 |
| 0,67/13 | 31,300 | 66,593 | 66,593 | 73,204 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 304,825 |
| 0,67/14 | 33,708 | 71,716 | 71,716 | 67,976 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 307,456 |
| 0,67/15 | 36,115 | 76,838 | 76,838 | 63,444 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 311,419 |
| 0,67/16 | 38,523 | 81,961 | 81,961 | 59,479 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 316,471 |
| 0,67/17 | 40,931 | 87,084 | 87,084 | 55,980 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 322,417 |
| 0,67/18 | 43,338 | 92,206 | 92,206 | 52,870 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 329,106 |
| 0,67/19 | 45,746 | 97,329 | 97,329 | 50,087 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 336,426 |
| 0,67/20 | 48,154 | 102,451 | 102,451 | 47,583 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 344,275 |
| 0,67/21 | 52,969 | 112,696 | 112,696 | 43,257 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 361,288 |
|  | **В-14: Tок=5, αр=0,63** | | | | | | | | | | |
| 0,63/1 | 2,408 | 4,800 | 4,800 | 891,733 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1776,491 |
| 0,63/2 | 4,815 | 9,600 | 9,600 | 445,867 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 906,257 |
| 0,63/3 | 7,223 | 14,400 | 14,400 | 297,244 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 624,183 |
| 0,63/4 | 9,631 | 19,200 | 19,200 | 222,933 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 489,151 |
| 0,63/5 | 12,038 | 24,000 | 24,000 | 178,347 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 412,935 |
| 0,63/6 | 14,446 | 28,800 | 28,800 | 148,622 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 366,126 |
| 0,63/7 | 16,854 | 33,600 | 33,600 | 127,390 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 336,122 |
| 0,63/8 | 19,261 | 38,400 | 38,400 | 111,467 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 316,622 |
| 0,63/9 | 21,669 | 43,200 | 43,200 | 99,081 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 304,122 |
| 0,63/10 | 24,077 | 48,000 | 48,000 | 89,173 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 296,525 |
| 0,63/11 | 26,484 | 52,800 | 52,800 | 81,067 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 292,491 |
| 0,63/12 | 28,892 | 57,600 | 57,600 | 74,311 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 291,133 |
| 0,63/13 | 31,300 | 62,400 | 62,400 | 68,595 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 291,830 |
| 0,63/14 | 33,708 | 67,200 | 67,200 | 63,695 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 294,143 |
| 0,63/15 | 36,115 | 72,000 | 72,000 | 59,449 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 297,748 |
| 0,63/16 | 38,523 | 76,800 | 76,800 | 55,733 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 302,403 |
| 0,63/17 | 40,931 | 81,600 | 81,600 | 52,455 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 307,924 |
| 0,63/18 | 43,338 | 86,400 | 86,400 | 49,541 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 314,165 |
| 0,63/19 | 45,746 | 91,200 | 91,200 | 46,933 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 321,014 |
| 0,63/20 | 48,154 | 96,000 | 96,000 | 44,587 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 328,377 |
| 0,63/21 | 52,969 | 105,600 | 105,600 | 40,533 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 344,372 |
|  | **В-15: Tок=5, αр=0,75** | | | | | | | | | | |
| 0,75/1 | 2,408 | 5,760 | 5,760 | 1070,080 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1956,758 |
| 0,75/2 | 4,815 | 11,520 | 11,520 | 535,040 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 999,270 |
| 0,75/3 | 7,223 | 17,280 | 17,280 | 356,693 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 689,392 |
| 0,75/4 | 9,631 | 23,040 | 23,040 | 267,520 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 541,418 |
| 0,75/5 | 12,038 | 28,800 | 28,800 | 214,016 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 458,204 |
| 0,75/6 | 14,446 | 34,560 | 34,560 | 178,347 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 407,371 |
| 0,75/7 | 16,854 | 40,320 | 40,320 | 152,869 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 375,041 |
| 0,75/8 | 19,261 | 46,080 | 46,080 | 133,760 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 354,275 |
| 0,75/9 | 21,669 | 51,840 | 51,840 | 118,898 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 341,219 |
| 0,75/10 | 24,077 | 57,600 | 57,600 | 107,008 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 333,560 |
| 0,75/11 | 26,484 | 63,360 | 63,360 | 97,280 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 329,824 |
| 0,75/12 | 28,892 | 69,120 | 69,120 | 89,173 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 329,035 |
| 0,75/13 | 31,300 | 74,880 | 74,880 | 82,314 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 330,509 |
| 0,75/14 | 33,708 | 80,640 | 80,640 | 76,434 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 333,762 |
| 0,75/15 | 36,115 | 86,400 | 86,400 | 71,339 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 338,438 |
| 0,75/16 | 38,523 | 92,160 | 92,160 | 66,880 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 344,270 |
| 0,75/17 | 40,931 | 97,920 | 97,920 | 62,946 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 351,055 |
| 0,75/18 | 43,338 | 103,680 | 103,680 | 59,449 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 358,633 |
| 0,75/19 | 45,746 | 109,440 | 109,440 | 56,320 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 366,881 |
| 0,75/20 | 48,154 | 115,200 | 115,200 | 53,504 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 375,694 |
| 0,75/21 | 52,969 | 126,720 | 126,720 | 48,640 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 394,719 |
|  | **В-16: Tок=5, αр=0,80** | | | | | | | | | | |
| 0,80/1 | 2,408 | 6,144 | 6,144 | 1141,419 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 2028,865 |
| 0,80/2 | 4,815 | 12,288 | 12,288 | 570,709 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 1036,475 |
| 0,80/3 | 7,223 | 18,432 | 18,432 | 380,473 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 715,476 |
| 0,80/4 | 9,631 | 24,576 | 24,576 | 285,355 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 562,325 |
| 0,80/5 | 12,038 | 30,720 | 30,720 | 228,284 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 476,312 |
| 0,80/6 | 14,446 | 36,864 | 36,864 | 190,236 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 423,868 |
| 0,80/7 | 16,854 | 43,008 | 43,008 | 163,060 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 390,608 |
| 0,80/8 | 19,261 | 49,152 | 49,152 | 142,677 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 369,336 |
| 0,80/9 | 21,669 | 55,296 | 55,296 | 126,824 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 356,057 |
| 0,80/10 | 24,077 | 61,440 | 61,440 | 114,142 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 348,374 |
| 0,80/11 | 26,484 | 67,584 | 67,584 | 103,765 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 344,757 |
| 0,80/12 | 28,892 | 73,728 | 73,728 | 95,118 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 344,196 |
| 0,80/13 | 31,300 | 79,872 | 79,872 | 87,801 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 345,980 |
| 0,80/14 | 33,708 | 86,016 | 86,016 | 81,530 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 349,610 |
| 0,80/15 | 36,115 | 92,160 | 92,160 | 76,095 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 354,714 |
| 0,80/16 | 38,523 | 98,304 | 98,304 | 71,339 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 361,017 |
| 0,80/17 | 40,931 | 104,448 | 104,448 | 67,142 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 368,307 |
| 0,80/18 | 43,338 | 110,592 | 110,592 | 63,412 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 376,420 |
| 0,80/19 | 45,746 | 116,736 | 116,736 | 60,075 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 385,228 |
| 0,80/20 | 48,154 | 122,880 | 122,880 | 57,071 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 394,621 |
| 0,80/21 | 52,969 | 135,168 | 135,168 | 51,883 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 414,858 |
|  | **В-17: Tок=4, αр=0,50** | | | | | | | | | | |
| 0,50/1 | 2,408 | 4,800 | 4,800 | 713,387 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1598,145 |
| 0,50/2 | 4,815 | 9,600 | 9,600 | 356,693 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 817,083 |
| 0,50/3 | 7,223 | 14,400 | 14,400 | 237,796 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 564,735 |
| 0,50/4 | 9,631 | 19,200 | 19,200 | 178,347 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 444,565 |
| 0,50/5 | 12,038 | 24,000 | 24,000 | 142,677 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 377,265 |
| 0,50/6 | 14,446 | 28,800 | 28,800 | 118,898 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 336,402 |
| 0,50/7 | 16,854 | 33,600 | 33,600 | 101,912 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 310,644 |
| 0,50/8 | 19,261 | 38,400 | 38,400 | 89,173 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 294,328 |
| 0,50/9 | 21,669 | 43,200 | 43,200 | 79,265 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 284,306 |
| 0,50/10 | 24,077 | 48,000 | 48,000 | 71,339 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 278,691 |
| 0,50/11 | 26,484 | 52,800 | 52,800 | 64,853 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 276,277 |
| 0,50/12 | 28,892 | 57,600 | 57,600 | 59,449 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 276,271 |
| 0,50/13 | 31,300 | 62,400 | 62,400 | 54,876 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 278,111 |
| 0,50/14 | 33,708 | 67,200 | 67,200 | 50,956 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 281,404 |
| 0,50/15 | 36,115 | 72,000 | 72,000 | 47,559 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 285,858 |
| 0,50/16 | 38,523 | 76,800 | 76,800 | 44,587 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 291,257 |
| 0,50/17 | 40,931 | 81,600 | 81,600 | 41,964 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 297,433 |
| 0,50/18 | 43,338 | 86,400 | 86,400 | 39,633 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 304,257 |
| 0,50/19 | 45,746 | 91,200 | 91,200 | 37,547 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 311,628 |
| 0,50/20 | 48,154 | 96,000 | 96,000 | 35,669 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 319,459 |
| 0,50/21 | 52,969 | 105,600 | 105,600 | 32,427 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 336,266 |
|  | **В-18: Tок=4, αр=0,33** | | | | | | | | | | |
| 0,33/1 | 2,408 | 3,197 | 3,197 | 475,116 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1356,668 |
| 0,33/2 | 4,815 | 6,394 | 6,394 | 237,558 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 691,536 |
| 0,33/3 | 7,223 | 9,590 | 9,590 | 158,372 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 475,691 |
| 0,33/4 | 9,631 | 12,787 | 12,787 | 118,779 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 372,171 |
| 0,33/5 | 12,038 | 15,984 | 15,984 | 95,023 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 313,579 |
| 0,33/6 | 14,446 | 19,181 | 19,181 | 79,186 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 277,452 |
| 0,33/7 | 16,854 | 22,378 | 22,378 | 67,874 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 254,162 |
| 0,33/8 | 19,261 | 25,574 | 25,574 | 59,389 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 238,892 |
| 0,33/9 | 21,669 | 28,771 | 28,771 | 52,791 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 228,974 |
| 0,33/10 | 24,077 | 31,968 | 31,968 | 47,512 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 222,800 |
| 0,33/11 | 26,484 | 35,165 | 35,165 | 43,192 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 219,346 |
| 0,33/12 | 28,892 | 38,362 | 38,362 | 39,593 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 217,939 |
| 0,33/13 | 31,300 | 41,558 | 41,558 | 36,547 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 218,098 |
| 0,33/14 | 33,708 | 44,755 | 44,755 | 33,937 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 219,495 |
| 0,33/15 | 36,115 | 47,952 | 47,952 | 31,674 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 221,877 |
| 0,33/16 | 38,523 | 51,149 | 51,149 | 29,695 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 225,063 |
| 0,33/17 | 40,931 | 54,346 | 54,346 | 27,948 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 228,909 |
| 0,33/18 | 43,338 | 57,542 | 57,542 | 26,395 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 233,303 |
| 0,33/19 | 45,746 | 60,739 | 60,739 | 25,006 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 238,165 |
| 0,33/20 | 48,154 | 63,936 | 63,936 | 23,756 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 243,418 |
| 0,33/21 | 52,969 | 70,330 | 70,330 | 21,596 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 254,895 |
|  | **В-19: Tок=4, αр=0,25** | | | | | | | | | | |
| 0,25/1 | 2,408 | 2,400 | 2,400 | 356,693 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1236,651 |
| 0,25/2 | 4,815 | 4,800 | 4,800 | 178,347 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 629,137 |
| 0,25/3 | 7,223 | 7,200 | 7,200 | 118,898 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 431,437 |
| 0,25/4 | 9,631 | 9,600 | 9,600 | 89,173 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 336,191 |
| 0,25/5 | 12,038 | 12,000 | 12,000 | 71,339 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 281,927 |
| 0,25/6 | 14,446 | 14,400 | 14,400 | 59,449 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 248,153 |
| 0,25/7 | 16,854 | 16,800 | 16,800 | 50,956 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 226,088 |
| 0,25/8 | 19,261 | 19,200 | 19,200 | 44,587 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 211,342 |
| 0,25/9 | 21,669 | 21,600 | 21,600 | 39,633 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 201,474 |
| 0,25/10 | 24,077 | 24,000 | 24,000 | 35,669 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 195,021 |
| 0,25/11 | 26,484 | 26,400 | 26,400 | 32,427 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 191,051 |
| 0,25/12 | 28,892 | 28,800 | 28,800 | 29,724 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 188,946 |
| 0,25/13 | 31,300 | 31,200 | 31,200 | 27,438 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 188,273 |
| 0,25/14 | 33,708 | 33,600 | 33,600 | 25,478 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 188,726 |
| 0,25/15 | 36,115 | 36,000 | 36,000 | 23,780 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 190,079 |
| 0,25/16 | 38,523 | 38,400 | 38,400 | 22,293 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 192,163 |
| 0,25/17 | 40,931 | 40,800 | 40,800 | 20,982 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 194,851 |
| 0,25/18 | 43,338 | 43,200 | 43,200 | 19,816 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 198,040 |
| 0,25/19 | 45,746 | 45,600 | 45,600 | 18,773 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 201,654 |
| 0,25/20 | 48,154 | 48,000 | 48,000 | 17,835 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 205,625 |
| 0,25/21 | 52,969 | 52,800 | 52,800 | 16,213 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 214,452 |
|  | **В-20: Tок=4, αр=0,20** | | | | | | | | | | |
| 0,20/1 | 2,408 | 1,920 | 1,920 | 285,355 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1164,353 |
| 0,20/2 | 4,815 | 3,840 | 3,840 | 142,677 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 591,547 |
| 0,20/3 | 7,223 | 5,760 | 5,760 | 95,118 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 404,777 |
| 0,20/4 | 9,631 | 7,680 | 7,680 | 71,339 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 314,517 |
| 0,20/5 | 12,038 | 9,600 | 9,600 | 57,071 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 262,859 |
| 0,20/6 | 14,446 | 11,520 | 11,520 | 47,559 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 230,503 |
| 0,20/7 | 16,854 | 13,440 | 13,440 | 40,765 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 209,177 |
| 0,20/8 | 19,261 | 15,360 | 15,360 | 35,669 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 194,744 |
| 0,20/9 | 21,669 | 17,280 | 17,280 | 31,706 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 184,907 |
| 0,20/10 | 24,077 | 19,200 | 19,200 | 28,535 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 178,287 |
| 0,20/11 | 26,484 | 21,120 | 21,120 | 25,941 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 174,005 |
| 0,20/12 | 28,892 | 23,040 | 23,040 | 23,780 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 171,482 |
| 0,20/13 | 31,300 | 24,960 | 24,960 | 21,950 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 170,305 |
| 0,20/14 | 33,708 | 26,880 | 26,880 | 20,382 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 170,190 |
| 0,20/15 | 36,115 | 28,800 | 28,800 | 19,024 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 170,923 |
| 0,20/16 | 38,523 | 30,720 | 30,720 | 17,835 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 172,345 |
| 0,20/17 | 40,931 | 32,640 | 32,640 | 16,786 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 174,335 |
| 0,20/18 | 43,338 | 34,560 | 34,560 | 15,853 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 176,797 |
| 0,20/19 | 45,746 | 36,480 | 36,480 | 15,019 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 179,660 |
| 0,20/20 | 48,154 | 38,400 | 38,400 | 14,268 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 182,858 |
| 0,20/21 | 52,969 | 42,240 | 42,240 | 12,971 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 190,090 |
|  | **В-21: Tок=4, αр=0,67** | | | | | | | | | | |
| 0,67/1 | 2,408 | 6,403 | 6,403 | 951,658 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1839,622 |
| 0,67/2 | 4,815 | 12,806 | 12,806 | 475,829 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 942,631 |
| 0,67/3 | 7,223 | 19,210 | 19,210 | 317,219 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 653,778 |
| 0,67/4 | 9,631 | 25,613 | 25,613 | 237,914 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 516,958 |
| 0,67/5 | 12,038 | 32,016 | 32,016 | 190,332 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 440,952 |
| 0,67/6 | 14,446 | 38,419 | 38,419 | 158,610 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 395,352 |
| 0,67/7 | 16,854 | 44,822 | 44,822 | 135,951 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 367,127 |
| 0,67/8 | 19,261 | 51,226 | 51,226 | 118,957 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 349,764 |
| 0,67/9 | 21,669 | 57,629 | 57,629 | 105,740 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 339,639 |
| 0,67/10 | 24,077 | 64,032 | 64,032 | 95,166 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 334,582 |
| 0,67/11 | 26,484 | 70,435 | 70,435 | 86,514 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 333,208 |
| 0,67/12 | 28,892 | 76,838 | 76,838 | 79,305 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 334,603 |
| 0,67/13 | 31,300 | 83,242 | 83,242 | 73,204 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 338,123 |
| 0,67/14 | 33,708 | 89,645 | 89,645 | 67,976 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 343,314 |
| 0,67/15 | 36,115 | 96,048 | 96,048 | 63,444 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 349,839 |
| 0,67/16 | 38,523 | 102,451 | 102,451 | 59,479 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 357,451 |
| 0,67/17 | 40,931 | 108,854 | 108,854 | 55,980 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 365,957 |
| 0,67/18 | 43,338 | 115,258 | 115,258 | 52,870 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 375,210 |
| 0,67/19 | 45,746 | 121,661 | 121,661 | 50,087 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 385,090 |
| 0,67/20 | 48,154 | 128,064 | 128,064 | 47,583 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 395,501 |
| 0,67/21 | 52,969 | 140,870 | 140,870 | 43,257 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 417,636 |
|  | **В-22: Tок=4, αр=0,63** | | | | | | | | | | |
| 0,63/1 | 2,408 | 6,000 | 6,000 | 891,733 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1778,891 |
| 0,63/2 | 4,815 | 12,000 | 12,000 | 445,867 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 911,057 |
| 0,63/3 | 7,223 | 18,000 | 18,000 | 297,244 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 631,383 |
| 0,63/4 | 9,631 | 24,000 | 24,000 | 222,933 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 498,751 |
| 0,63/5 | 12,038 | 30,000 | 30,000 | 178,347 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 424,935 |
| 0,63/6 | 14,446 | 36,000 | 36,000 | 148,622 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 380,526 |
| 0,63/7 | 16,854 | 42,000 | 42,000 | 127,390 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 352,922 |
| 0,63/8 | 19,261 | 48,000 | 48,000 | 111,467 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 335,822 |
| 0,63/9 | 21,669 | 54,000 | 54,000 | 99,081 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 325,722 |
| 0,63/10 | 24,077 | 60,000 | 60,000 | 89,173 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 320,525 |
| 0,63/11 | 26,484 | 66,000 | 66,000 | 81,067 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 318,891 |
| 0,63/12 | 28,892 | 72,000 | 72,000 | 74,311 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 319,933 |
| 0,63/13 | 31,300 | 78,000 | 78,000 | 68,595 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 323,030 |
| 0,63/14 | 33,708 | 84,000 | 84,000 | 63,695 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 327,743 |
| 0,63/15 | 36,115 | 90,000 | 90,000 | 59,449 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 333,748 |
| 0,63/16 | 38,523 | 96,000 | 96,000 | 55,733 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 340,803 |
| 0,63/17 | 40,931 | 102,000 | 102,000 | 52,455 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 348,724 |
| 0,63/18 | 43,338 | 108,000 | 108,000 | 49,541 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 357,365 |
| 0,63/19 | 45,746 | 114,000 | 114,000 | 46,933 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 366,614 |
| 0,63/20 | 48,154 | 120,000 | 120,000 | 44,587 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 376,377 |
| 0,63/21 | 52,969 | 132,000 | 132,000 | 40,533 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 397,172 |
|  | **В-23: Tок=4, αр=0,75** | | | | | | | | | | |
| 0,75/1 | 2,408 | 7,200 | 7,200 | 1070,080 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1959,638 |
| 0,75/2 | 4,815 | 14,400 | 14,400 | 535,040 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 1005,030 |
| 0,75/3 | 7,223 | 21,600 | 21,600 | 356,693 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 698,032 |
| 0,75/4 | 9,631 | 28,800 | 28,800 | 267,520 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 552,938 |
| 0,75/5 | 12,038 | 36,000 | 36,000 | 214,016 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 472,604 |
| 0,75/6 | 14,446 | 43,200 | 43,200 | 178,347 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 424,651 |
| 0,75/7 | 16,854 | 50,400 | 50,400 | 152,869 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 395,201 |
| 0,75/8 | 19,261 | 57,600 | 57,600 | 133,760 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 377,315 |
| 0,75/9 | 21,669 | 64,800 | 64,800 | 118,898 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 367,139 |
| 0,75/10 | 24,077 | 72,000 | 72,000 | 107,008 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 362,360 |
| 0,75/11 | 26,484 | 79,200 | 79,200 | 97,280 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 361,504 |
| 0,75/12 | 28,892 | 86,400 | 86,400 | 89,173 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 363,595 |
| 0,75/13 | 31,300 | 93,600 | 93,600 | 82,314 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 367,949 |
| 0,75/14 | 33,708 | 100,800 | 100,800 | 76,434 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 374,082 |
| 0,75/15 | 36,115 | 108,000 | 108,000 | 71,339 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 381,638 |
| 0,75/16 | 38,523 | 115,200 | 115,200 | 66,880 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 390,350 |
| 0,75/17 | 40,931 | 122,400 | 122,400 | 62,946 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 400,015 |
| 0,75/18 | 43,338 | 129,600 | 129,600 | 59,449 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 410,473 |
| 0,75/19 | 45,746 | 136,800 | 136,800 | 56,320 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 421,601 |
| 0,75/20 | 48,154 | 144,000 | 144,000 | 53,504 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 433,294 |
| 0,75/21 | 52,969 | 158,400 | 158,400 | 48,640 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 458,079 |
|  | **В-24: Tок=4, αр=0,80** | | | | | | | | | | |
| 0,80/1 | 2,408 | 7,680 | 7,680 | 1141,419 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 2031,937 |
| 0,80/2 | 4,815 | 15,360 | 15,360 | 570,709 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 1042,619 |
| 0,80/3 | 7,223 | 23,040 | 23,040 | 380,473 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 724,692 |
| 0,80/4 | 9,631 | 30,720 | 30,720 | 285,355 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 574,613 |
| 0,80/5 | 12,038 | 38,400 | 38,400 | 228,284 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 491,672 |
| 0,80/6 | 14,446 | 46,080 | 46,080 | 190,236 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 442,300 |
| 0,80/7 | 16,854 | 53,760 | 53,760 | 163,060 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 412,112 |
| 0,80/8 | 19,261 | 61,440 | 61,440 | 142,677 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 393,912 |
| 0,80/9 | 21,669 | 69,120 | 69,120 | 126,824 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 383,705 |
| 0,80/10 | 24,077 | 76,800 | 76,800 | 114,142 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 379,094 |
| 0,80/11 | 26,484 | 84,480 | 84,480 | 103,765 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 378,549 |
| 0,80/12 | 28,892 | 92,160 | 92,160 | 95,118 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 381,060 |
| 0,80/13 | 31,300 | 99,840 | 99,840 | 87,801 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 385,916 |
| 0,80/14 | 33,708 | 107,520 | 107,520 | 81,530 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 392,618 |
| 0,80/15 | 36,115 | 115,200 | 115,200 | 76,095 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 400,794 |
| 0,80/16 | 38,523 | 122,880 | 122,880 | 71,339 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 410,169 |
| 0,80/17 | 40,931 | 130,560 | 130,560 | 67,142 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 420,531 |
| 0,80/18 | 43,338 | 138,240 | 138,240 | 63,412 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 431,716 |
| 0,80/19 | 45,746 | 145,920 | 145,920 | 60,075 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 443,596 |
| 0,80/20 | 48,154 | 153,600 | 153,600 | 57,071 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 456,061 |
| 0,80/21 | 52,969 | 168,960 | 168,960 | 51,883 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 482,442 |
|  | **В-25: Tок=3, αр=0,50** | | | | | | | | | | |
| 0,50/1 | 2,408 | 6,400 | 6,400 | 713,387 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1601,345 |
| 0,50/2 | 4,815 | 12,800 | 12,800 | 356,693 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 823,483 |
| 0,50/3 | 7,223 | 19,200 | 19,200 | 237,796 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 574,335 |
| 0,50/4 | 9,631 | 25,600 | 25,600 | 178,347 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 457,365 |
| 0,50/5 | 12,038 | 32,000 | 32,000 | 142,677 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 393,265 |
| 0,50/6 | 14,446 | 38,400 | 38,400 | 118,898 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 355,602 |
| 0,50/7 | 16,854 | 44,800 | 44,800 | 101,912 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 333,044 |
| 0,50/8 | 19,261 | 51,200 | 51,200 | 89,173 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 319,928 |
| 0,50/9 | 21,669 | 57,600 | 57,600 | 79,265 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 313,106 |
| 0,50/10 | 24,077 | 64,000 | 64,000 | 71,339 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 310,691 |
| 0,50/11 | 26,484 | 70,400 | 70,400 | 64,853 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 311,477 |
| 0,50/12 | 28,892 | 76,800 | 76,800 | 59,449 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 314,671 |
| 0,50/13 | 31,300 | 83,200 | 83,200 | 54,876 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 319,711 |
| 0,50/14 | 33,708 | 89,600 | 89,600 | 50,956 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 326,204 |
| 0,50/15 | 36,115 | 96,000 | 96,000 | 47,559 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 333,858 |
| 0,50/16 | 38,523 | 102,400 | 102,400 | 44,587 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 342,457 |
| 0,50/17 | 40,931 | 108,800 | 108,800 | 41,964 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 351,833 |
| 0,50/18 | 43,338 | 115,200 | 115,200 | 39,633 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 361,857 |
| 0,50/19 | 45,746 | 121,600 | 121,600 | 37,547 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 372,428 |
| 0,50/20 | 48,154 | 128,000 | 128,000 | 35,669 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 383,459 |
| 0,50/21 | 52,969 | 140,800 | 140,800 | 32,427 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 406,666 |
|  | **В-26: Tок=3, αр=0,33** | | | | | | | | | | |
| 0,33/1 | 2,408 | 4,262 | 4,262 | 475,116 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1358,798 |
| 0,33/2 | 4,815 | 8,525 | 8,525 | 237,558 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 695,798 |
| 0,33/3 | 7,223 | 12,787 | 12,787 | 158,372 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 482,085 |
| 0,33/4 | 9,631 | 17,050 | 17,050 | 118,779 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 380,697 |
| 0,33/5 | 12,038 | 21,312 | 21,312 | 95,023 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 324,235 |
| 0,33/6 | 14,446 | 25,574 | 25,574 | 79,186 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 290,238 |
| 0,33/7 | 16,854 | 29,837 | 29,837 | 67,874 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 269,080 |
| 0,33/8 | 19,261 | 34,099 | 34,099 | 59,389 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 255,942 |
| 0,33/9 | 21,669 | 38,362 | 38,362 | 52,791 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 248,156 |
| 0,33/10 | 24,077 | 42,624 | 42,624 | 47,512 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 244,112 |
| 0,33/11 | 26,484 | 46,886 | 46,886 | 43,192 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 242,788 |
| 0,33/12 | 28,892 | 51,149 | 51,149 | 39,593 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 243,513 |
| 0,33/13 | 31,300 | 55,411 | 55,411 | 36,547 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 245,804 |
| 0,33/14 | 33,708 | 59,674 | 59,674 | 33,937 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 249,333 |
| 0,33/15 | 36,115 | 63,936 | 63,936 | 31,674 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 253,845 |
| 0,33/16 | 38,523 | 68,198 | 68,198 | 29,695 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 259,161 |
| 0,33/17 | 40,931 | 72,461 | 72,461 | 27,948 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 265,139 |
| 0,33/18 | 43,338 | 76,723 | 76,723 | 26,395 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 271,665 |
| 0,33/19 | 45,746 | 80,986 | 80,986 | 25,006 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 278,659 |
| 0,33/20 | 48,154 | 85,248 | 85,248 | 23,756 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 286,042 |
| 0,33/21 | 52,969 | 93,773 | 93,773 | 21,596 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 301,781 |
|  | **В-27: Tок=3, αр=0,25** | | | | | | | | | | |
| 0,25/1 | 2,408 | 3,200 | 3,200 | 356,693 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1238,251 |
| 0,25/2 | 4,815 | 6,400 | 6,400 | 178,347 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 632,337 |
| 0,25/3 | 7,223 | 9,600 | 9,600 | 118,898 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 436,237 |
| 0,25/4 | 9,631 | 12,800 | 12,800 | 89,173 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 342,591 |
| 0,25/5 | 12,038 | 16,000 | 16,000 | 71,339 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 289,927 |
| 0,25/6 | 14,446 | 19,200 | 19,200 | 59,449 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 257,753 |
| 0,25/7 | 16,854 | 22,400 | 22,400 | 50,956 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 237,288 |
| 0,25/8 | 19,261 | 25,600 | 25,600 | 44,587 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 224,142 |
| 0,25/9 | 21,669 | 28,800 | 28,800 | 39,633 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 215,874 |
| 0,25/10 | 24,077 | 32,000 | 32,000 | 35,669 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 211,021 |
| 0,25/11 | 26,484 | 35,200 | 35,200 | 32,427 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 208,651 |
| 0,25/12 | 28,892 | 38,400 | 38,400 | 29,724 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 208,146 |
| 0,25/13 | 31,300 | 41,600 | 41,600 | 27,438 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 209,073 |
| 0,25/14 | 33,708 | 44,800 | 44,800 | 25,478 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 211,126 |
| 0,25/15 | 36,115 | 48,000 | 48,000 | 23,780 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 214,079 |
| 0,25/16 | 38,523 | 51,200 | 51,200 | 22,293 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 217,763 |
| 0,25/17 | 40,931 | 54,400 | 54,400 | 20,982 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 222,051 |
| 0,25/18 | 43,338 | 57,600 | 57,600 | 19,816 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 226,840 |
| 0,25/19 | 45,746 | 60,800 | 60,800 | 18,773 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 232,054 |
| 0,25/20 | 48,154 | 64,000 | 64,000 | 17,835 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 237,625 |
| 0,25/21 | 52,969 | 70,400 | 70,400 | 16,213 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 249,652 |
|  | **В-28: Tок=3, αр=0,20** | | | | | | | | | | |
| 0,20/1 | 2,408 | 2,560 | 2,560 | 285,355 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1165,633 |
| 0,20/2 | 4,815 | 5,120 | 5,120 | 142,677 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 594,107 |
| 0,20/3 | 7,223 | 7,680 | 7,680 | 95,118 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 408,617 |
| 0,20/4 | 9,631 | 10,240 | 10,240 | 71,339 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 319,637 |
| 0,20/5 | 12,038 | 12,800 | 12,800 | 57,071 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 269,259 |
| 0,20/6 | 14,446 | 15,360 | 15,360 | 47,559 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 238,183 |
| 0,20/7 | 16,854 | 17,920 | 17,920 | 40,765 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 218,137 |
| 0,20/8 | 19,261 | 20,480 | 20,480 | 35,669 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 204,984 |
| 0,20/9 | 21,669 | 23,040 | 23,040 | 31,706 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 196,427 |
| 0,20/10 | 24,077 | 25,600 | 25,600 | 28,535 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 191,087 |
| 0,20/11 | 26,484 | 28,160 | 28,160 | 25,941 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 188,085 |
| 0,20/12 | 28,892 | 30,720 | 30,720 | 23,780 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 186,842 |
| 0,20/13 | 31,300 | 33,280 | 33,280 | 21,950 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 186,945 |
| 0,20/14 | 33,708 | 35,840 | 35,840 | 20,382 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 188,110 |
| 0,20/15 | 36,115 | 38,400 | 38,400 | 19,024 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 190,123 |
| 0,20/16 | 38,523 | 40,960 | 40,960 | 17,835 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 192,825 |
| 0,20/17 | 40,931 | 43,520 | 43,520 | 16,786 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 196,095 |
| 0,20/18 | 43,338 | 46,080 | 46,080 | 15,853 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 199,837 |
| 0,20/19 | 45,746 | 48,640 | 48,640 | 15,019 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 203,980 |
| 0,20/20 | 48,154 | 51,200 | 51,200 | 14,268 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 208,458 |
| 0,20/21 | 52,969 | 56,320 | 56,320 | 12,971 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 218,250 |
|  | **В-29: Tок=3, αр=0,67** | | | | | | | | | | |
| 0,67/1 | 2,408 | 8,538 | 8,538 | 951,658 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1843,892 |
| 0,67/2 | 4,815 | 17,075 | 17,075 | 475,829 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 951,169 |
| 0,67/3 | 7,223 | 25,613 | 25,613 | 317,219 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 666,584 |
| 0,67/4 | 9,631 | 34,150 | 34,150 | 237,914 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 534,032 |
| 0,67/5 | 12,038 | 42,688 | 42,688 | 190,332 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 462,296 |
| 0,67/6 | 14,446 | 51,226 | 51,226 | 158,610 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 420,966 |
| 0,67/7 | 16,854 | 59,763 | 59,763 | 135,951 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 397,009 |
| 0,67/8 | 19,261 | 68,301 | 68,301 | 118,957 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 383,914 |
| 0,67/9 | 21,669 | 76,838 | 76,838 | 105,740 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 378,057 |
| 0,67/10 | 24,077 | 85,376 | 85,376 | 95,166 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 377,270 |
| 0,67/11 | 26,484 | 93,914 | 93,914 | 86,514 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 380,166 |
| 0,67/12 | 28,892 | 102,451 | 102,451 | 79,305 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 385,829 |
| 0,67/13 | 31,300 | 110,989 | 110,989 | 73,204 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 393,617 |
| 0,67/14 | 33,708 | 119,526 | 119,526 | 67,976 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 403,076 |
| 0,67/15 | 36,115 | 128,064 | 128,064 | 63,444 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 413,871 |
| 0,67/16 | 38,523 | 136,602 | 136,602 | 59,479 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 425,753 |
| 0,67/17 | 40,931 | 145,139 | 145,139 | 55,980 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 438,527 |
| 0,67/18 | 43,338 | 153,677 | 153,677 | 52,870 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 452,048 |
| 0,67/19 | 45,746 | 162,214 | 162,214 | 50,087 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 466,196 |
| 0,67/20 | 48,154 | 170,752 | 170,752 | 47,583 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 480,877 |
| 0,67/21 | 52,969 | 187,827 | 187,827 | 43,257 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 511,550 |
|  | **В-30: Tок=3, αр=0,63** | | | | | | | | | | |
| 0,63/1 | 2,408 | 8,000 | 8,000 | 891,733 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1782,891 |
| 0,63/2 | 4,815 | 16,000 | 16,000 | 445,867 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 919,057 |
| 0,63/3 | 7,223 | 24,000 | 24,000 | 297,244 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 643,383 |
| 0,63/4 | 9,631 | 32,000 | 32,000 | 222,933 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 514,751 |
| 0,63/5 | 12,038 | 40,000 | 40,000 | 178,347 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 444,935 |
| 0,63/6 | 14,446 | 48,000 | 48,000 | 148,622 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 404,526 |
| 0,63/7 | 16,854 | 56,000 | 56,000 | 127,390 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 380,922 |
| 0,63/8 | 19,261 | 64,000 | 64,000 | 111,467 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 367,822 |
| 0,63/9 | 21,669 | 72,000 | 72,000 | 99,081 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 361,722 |
| 0,63/10 | 24,077 | 80,000 | 80,000 | 89,173 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 360,525 |
| 0,63/11 | 26,484 | 88,000 | 88,000 | 81,067 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 362,891 |
| 0,63/12 | 28,892 | 96,000 | 96,000 | 74,311 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 367,933 |
| 0,63/13 | 31,300 | 104,000 | 104,000 | 68,595 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 375,030 |
| 0,63/14 | 33,708 | 112,000 | 112,000 | 63,695 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 383,743 |
| 0,63/15 | 36,115 | 120,000 | 120,000 | 59,449 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 393,748 |
| 0,63/16 | 38,523 | 128,000 | 128,000 | 55,733 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 404,803 |
| 0,63/17 | 40,931 | 136,000 | 136,000 | 52,455 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 416,724 |
| 0,63/18 | 43,338 | 144,000 | 144,000 | 49,541 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 429,365 |
| 0,63/19 | 45,746 | 152,000 | 152,000 | 46,933 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 442,614 |
| 0,63/20 | 48,154 | 160,000 | 160,000 | 44,587 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 456,377 |
| 0,63/21 | 52,969 | 176,000 | 176,000 | 40,533 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 485,172 |
|  | **В-31: Tок=3, αр=0,75** | | | | | | | | | | |
| 0,75/1 | 2,408 | 9,600 | 9,600 | 1070,080 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1964,438 |
| 0,75/2 | 4,815 | 19,200 | 19,200 | 535,040 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 1014,630 |
| 0,75/3 | 7,223 | 28,800 | 28,800 | 356,693 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 712,432 |
| 0,75/4 | 9,631 | 38,400 | 38,400 | 267,520 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 572,138 |
| 0,75/5 | 12,038 | 48,000 | 48,000 | 214,016 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 496,604 |
| 0,75/6 | 14,446 | 57,600 | 57,600 | 178,347 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 453,451 |
| 0,75/7 | 16,854 | 67,200 | 67,200 | 152,869 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 428,801 |
| 0,75/8 | 19,261 | 76,800 | 76,800 | 133,760 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 415,715 |
| 0,75/9 | 21,669 | 86,400 | 86,400 | 118,898 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 410,339 |
| 0,75/10 | 24,077 | 96,000 | 96,000 | 107,008 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 410,360 |
| 0,75/11 | 26,484 | 105,600 | 105,600 | 97,280 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 414,304 |
| 0,75/12 | 28,892 | 115,200 | 115,200 | 89,173 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 421,195 |
| 0,75/13 | 31,300 | 124,800 | 124,800 | 82,314 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 430,349 |
| 0,75/14 | 33,708 | 134,400 | 134,400 | 76,434 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 441,282 |
| 0,75/15 | 36,115 | 144,000 | 144,000 | 71,339 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 453,638 |
| 0,75/16 | 38,523 | 153,600 | 153,600 | 66,880 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 467,150 |
| 0,75/17 | 40,931 | 163,200 | 163,200 | 62,946 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 481,615 |
| 0,75/18 | 43,338 | 172,800 | 172,800 | 59,449 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 496,873 |
| 0,75/19 | 45,746 | 182,400 | 182,400 | 56,320 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 512,801 |
| 0,75/20 | 48,154 | 192,000 | 192,000 | 53,504 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 529,294 |
| 0,75/21 | 52,969 | 211,200 | 211,200 | 48,640 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 563,679 |
|  | **В-32: Tок=3, αр=0,80** | | | | | | | | | | |
| 0,80/1 | 2,408 | 10,240 | 10,240 | 1141,419 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 2037,057 |
| 0,80/2 | 4,815 | 20,480 | 20,480 | 570,709 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 1052,859 |
| 0,80/3 | 7,223 | 30,720 | 30,720 | 380,473 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 740,052 |
| 0,80/4 | 9,631 | 40,960 | 40,960 | 285,355 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 595,093 |
| 0,80/5 | 12,038 | 51,200 | 51,200 | 228,284 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 517,272 |
| 0,80/6 | 14,446 | 61,440 | 61,440 | 190,236 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 473,020 |
| 0,80/7 | 16,854 | 71,680 | 71,680 | 163,060 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 447,952 |
| 0,80/8 | 19,261 | 81,920 | 81,920 | 142,677 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 434,872 |
| 0,80/9 | 21,669 | 92,160 | 92,160 | 126,824 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 429,785 |
| 0,80/10 | 24,077 | 102,400 | 102,400 | 114,142 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 430,294 |
| 0,80/11 | 26,484 | 112,640 | 112,640 | 103,765 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 434,869 |
| 0,80/12 | 28,892 | 122,880 | 122,880 | 95,118 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 442,500 |
| 0,80/13 | 31,300 | 133,120 | 133,120 | 87,801 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 452,476 |
| 0,80/14 | 33,708 | 143,360 | 143,360 | 81,530 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 464,298 |
| 0,80/15 | 36,115 | 153,600 | 153,600 | 76,095 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 477,594 |
| 0,80/16 | 38,523 | 163,840 | 163,840 | 71,339 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 492,089 |
| 0,80/17 | 40,931 | 174,080 | 174,080 | 67,142 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 507,571 |
| 0,80/18 | 43,338 | 184,320 | 184,320 | 63,412 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 523,876 |
| 0,80/19 | 45,746 | 194,560 | 194,560 | 60,075 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 540,876 |
| 0,80/20 | 48,154 | 204,800 | 204,800 | 57,071 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 558,461 |
| 0,80/21 | 52,969 | 225,280 | 225,280 | 51,883 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 595,082 |
|  | **В-33: Tок=2, αр=0,5** | | | | | | | | | | |
| 0,50/1 | 2,408 | 9,600 | 9,600 | 713,387 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1607,745 |
| 0,50/2 | 4,815 | 19,200 | 19,200 | 356,693 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 836,283 |
| 0,50/3 | 7,223 | 28,800 | 28,800 | 237,796 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 593,535 |
| 0,50/4 | 9,631 | 38,400 | 38,400 | 178,347 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 482,965 |
| 0,50/5 | 12,038 | 48,000 | 48,000 | 142,677 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 425,265 |
| 0,50/6 | 14,446 | 57,600 | 57,600 | 118,898 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 394,002 |
| 0,50/7 | 16,854 | 67,200 | 67,200 | 101,912 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 377,844 |
| 0,50/8 | 19,261 | 76,800 | 76,800 | 89,173 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 371,128 |
| 0,50/9 | 21,669 | 86,400 | 86,400 | 79,265 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 370,706 |
| 0,50/10 | 24,077 | 96,000 | 96,000 | 71,339 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 374,691 |
| 0,50/11 | 26,484 | 105,600 | 105,600 | 64,853 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 381,877 |
| 0,50/12 | 28,892 | 115,200 | 115,200 | 59,449 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 391,471 |
| 0,50/13 | 31,300 | 124,800 | 124,800 | 54,876 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 402,911 |
| 0,50/14 | 33,708 | 134,400 | 134,400 | 50,956 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 415,804 |
| 0,50/15 | 36,115 | 144,000 | 144,000 | 47,559 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 429,858 |
| 0,50/16 | 38,523 | 153,600 | 153,600 | 44,587 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 444,857 |
| 0,50/17 | 40,931 | 163,200 | 163,200 | 41,964 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 460,633 |
| 0,50/18 | 43,338 | 172,800 | 172,800 | 39,633 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 477,057 |
| 0,50/19 | 45,746 | 182,400 | 182,400 | 37,547 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 494,028 |
| 0,50/20 | 48,154 | 192,000 | 192,000 | 35,669 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 511,459 |
| 0,50/21 | 52,969 | 211,200 | 211,200 | 32,427 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 547,466 |
|  | **В-34: Tок=2, αр=0,33** | | | | | | | | | | |
| 0,33/1 | 2,408 | 6,394 | 6,394 | 475,116 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1363,062 |
| 0,33/2 | 4,815 | 12,787 | 12,787 | 237,558 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 704,322 |
| 0,33/3 | 7,223 | 19,181 | 19,181 | 158,372 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 494,873 |
| 0,33/4 | 9,631 | 25,574 | 25,574 | 118,779 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 397,745 |
| 0,33/5 | 12,038 | 31,968 | 31,968 | 95,023 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 345,547 |
| 0,33/6 | 14,446 | 38,362 | 38,362 | 79,186 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 315,814 |
| 0,33/7 | 16,854 | 44,755 | 44,755 | 67,874 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 298,916 |
| 0,33/8 | 19,261 | 51,149 | 51,149 | 59,389 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 290,042 |
| 0,33/9 | 21,669 | 57,542 | 57,542 | 52,791 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 286,516 |
| 0,33/10 | 24,077 | 63,936 | 63,936 | 47,512 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 286,736 |
| 0,33/11 | 26,484 | 70,330 | 70,330 | 43,192 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 289,676 |
| 0,33/12 | 28,892 | 76,723 | 76,723 | 39,593 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 294,661 |
| 0,33/13 | 31,300 | 83,117 | 83,117 | 36,547 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 301,216 |
| 0,33/14 | 33,708 | 89,510 | 89,510 | 33,937 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 309,005 |
| 0,33/15 | 36,115 | 95,904 | 95,904 | 31,674 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 317,781 |
| 0,33/16 | 38,523 | 102,298 | 102,298 | 29,695 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 327,361 |
| 0,33/17 | 40,931 | 108,691 | 108,691 | 27,948 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 337,599 |
| 0,33/18 | 43,338 | 115,085 | 115,085 | 26,395 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 348,389 |
| 0,33/19 | 45,746 | 121,478 | 121,478 | 25,006 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 359,643 |
| 0,33/20 | 48,154 | 127,872 | 127,872 | 23,756 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 371,290 |
| 0,33/21 | 52,969 | 140,659 | 140,659 | 21,596 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 395,553 |
|  | **В-35: Tок=2, αр=0,25** | | | | | | | | | | |
| 0,25/1 | 2,408 | 4,800 | 4,800 | 356,693 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1241,451 |
| 0,25/2 | 4,815 | 9,600 | 9,600 | 178,347 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 638,737 |
| 0,25/3 | 7,223 | 14,400 | 14,400 | 118,898 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 445,837 |
| 0,25/4 | 9,631 | 19,200 | 19,200 | 89,173 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 355,391 |
| 0,25/5 | 12,038 | 24,000 | 24,000 | 71,339 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 305,927 |
| 0,25/6 | 14,446 | 28,800 | 28,800 | 59,449 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 276,953 |
| 0,25/7 | 16,854 | 33,600 | 33,600 | 50,956 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 259,688 |
| 0,25/8 | 19,261 | 38,400 | 38,400 | 44,587 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 249,742 |
| 0,25/9 | 21,669 | 43,200 | 43,200 | 39,633 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 244,674 |
| 0,25/10 | 24,077 | 48,000 | 48,000 | 35,669 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 243,021 |
| 0,25/11 | 26,484 | 52,800 | 52,800 | 32,427 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 243,851 |
| 0,25/12 | 28,892 | 57,600 | 57,600 | 29,724 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 246,546 |
| 0,25/13 | 31,300 | 62,400 | 62,400 | 27,438 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 250,673 |
| 0,25/14 | 33,708 | 67,200 | 67,200 | 25,478 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 255,926 |
| 0,25/15 | 36,115 | 72,000 | 72,000 | 23,780 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 262,079 |
| 0,25/16 | 38,523 | 76,800 | 76,800 | 22,293 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 268,963 |
| 0,25/17 | 40,931 | 81,600 | 81,600 | 20,982 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 276,451 |
| 0,25/18 | 43,338 | 86,400 | 86,400 | 19,816 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 284,440 |
| 0,25/19 | 45,746 | 91,200 | 91,200 | 18,773 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 292,854 |
| 0,25/20 | 48,154 | 96,000 | 96,000 | 17,835 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 301,625 |
| 0,25/21 | 52,969 | 105,600 | 105,600 | 16,213 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 320,052 |
|  | **В-36: Tок=2, αр=0,20** | | | | | | | | | | |
| 0,20/1 | 2,408 | 3,840 | 3,840 | 285,355 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1168,193 |
| 0,20/2 | 4,815 | 7,680 | 7,680 | 142,677 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 599,227 |
| 0,20/3 | 7,223 | 11,520 | 11,520 | 95,118 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 416,297 |
| 0,20/4 | 9,631 | 15,360 | 15,360 | 71,339 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 329,877 |
| 0,20/5 | 12,038 | 19,200 | 19,200 | 57,071 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 282,059 |
| 0,20/6 | 14,446 | 23,040 | 23,040 | 47,559 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 253,543 |
| 0,20/7 | 16,854 | 26,880 | 26,880 | 40,765 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 236,057 |
| 0,20/8 | 19,261 | 30,720 | 30,720 | 35,669 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 225,464 |
| 0,20/9 | 21,669 | 34,560 | 34,560 | 31,706 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 219,467 |
| 0,20/10 | 24,077 | 38,400 | 38,400 | 28,535 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 216,687 |
| 0,20/11 | 26,484 | 42,240 | 42,240 | 25,941 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 216,245 |
| 0,20/12 | 28,892 | 46,080 | 46,080 | 23,780 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 217,562 |
| 0,20/13 | 31,300 | 49,920 | 49,920 | 21,950 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 220,225 |
| 0,20/14 | 33,708 | 53,760 | 53,760 | 20,382 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 223,950 |
| 0,20/15 | 36,115 | 57,600 | 57,600 | 19,024 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 228,523 |
| 0,20/16 | 38,523 | 61,440 | 61,440 | 17,835 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 233,785 |
| 0,20/17 | 40,931 | 65,280 | 65,280 | 16,786 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 239,615 |
| 0,20/18 | 43,338 | 69,120 | 69,120 | 15,853 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 245,917 |
| 0,20/19 | 45,746 | 72,960 | 72,960 | 15,019 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 252,620 |
| 0,20/20 | 48,154 | 76,800 | 76,800 | 14,268 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 259,658 |
| 0,20/21 | 52,969 | 84,480 | 84,480 | 12,971 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 274,570 |
|  | **В-37: Tок=2, αр=0,67** | | | | | | | | | | |
| 0,67/1 | 2,408 | 12,806 | 12,806 | 951,658 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1852,428 |
| 0,67/2 | 4,815 | 25,613 | 25,613 | 475,829 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 968,245 |
| 0,67/3 | 7,223 | 38,419 | 38,419 | 317,219 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 692,196 |
| 0,67/4 | 9,631 | 51,226 | 51,226 | 237,914 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 568,184 |
| 0,67/5 | 12,038 | 64,032 | 64,032 | 190,332 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 504,984 |
| 0,67/6 | 14,446 | 76,838 | 76,838 | 158,610 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 472,190 |
| 0,67/7 | 16,854 | 89,645 | 89,645 | 135,951 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 456,773 |
| 0,67/8 | 19,261 | 102,451 | 102,451 | 118,957 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 452,214 |
| 0,67/9 | 21,669 | 115,258 | 115,258 | 105,740 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 454,897 |
| 0,67/10 | 24,077 | 128,064 | 128,064 | 95,166 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 462,646 |
| 0,67/11 | 26,484 | 140,870 | 140,870 | 86,514 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 474,078 |
| 0,67/12 | 28,892 | 153,677 | 153,677 | 79,305 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 488,281 |
| 0,67/13 | 31,300 | 166,483 | 166,483 | 73,204 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 504,605 |
| 0,67/14 | 33,708 | 179,290 | 179,290 | 67,976 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 522,604 |
| 0,67/15 | 36,115 | 192,096 | 192,096 | 63,444 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 541,935 |
| 0,67/16 | 38,523 | 204,902 | 204,902 | 59,479 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 562,353 |
| 0,67/17 | 40,931 | 217,709 | 217,709 | 55,980 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 583,667 |
| 0,67/18 | 43,338 | 230,515 | 230,515 | 52,870 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 605,724 |
| 0,67/19 | 45,746 | 243,322 | 243,322 | 50,087 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 628,412 |
| 0,67/20 | 48,154 | 256,128 | 256,128 | 47,583 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 651,629 |
| 0,67/21 | 52,969 | 281,741 | 281,741 | 43,257 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 699,378 |
|  | **В-38: Tок=2, αр=0,63** | | | | | | | | | | |
| 0,63/1 | 2,408 | 12,000 | 12,000 | 891,733 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1790,891 |
| 0,63/2 | 4,815 | 24,000 | 24,000 | 445,867 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 935,057 |
| 0,63/3 | 7,223 | 36,000 | 36,000 | 297,244 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 667,383 |
| 0,63/4 | 9,631 | 48,000 | 48,000 | 222,933 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 546,751 |
| 0,63/5 | 12,038 | 60,000 | 60,000 | 178,347 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 484,935 |
| 0,63/6 | 14,446 | 72,000 | 72,000 | 148,622 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 452,526 |
| 0,63/7 | 16,854 | 84,000 | 84,000 | 127,390 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 436,922 |
| 0,63/8 | 19,261 | 96,000 | 96,000 | 111,467 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 431,822 |
| 0,63/9 | 21,669 | 108,000 | 108,000 | 99,081 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 433,722 |
| 0,63/10 | 24,077 | 120,000 | 120,000 | 89,173 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 440,525 |
| 0,63/11 | 26,484 | 132,000 | 132,000 | 81,067 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 450,891 |
| 0,63/12 | 28,892 | 144,000 | 144,000 | 74,311 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 463,933 |
| 0,63/13 | 31,300 | 156,000 | 156,000 | 68,595 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 479,030 |
| 0,63/14 | 33,708 | 168,000 | 168,000 | 63,695 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 495,743 |
| 0,63/15 | 36,115 | 180,000 | 180,000 | 59,449 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 513,748 |
| 0,63/16 | 38,523 | 192,000 | 192,000 | 55,733 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 532,803 |
| 0,63/17 | 40,931 | 204,000 | 204,000 | 52,455 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 552,724 |
| 0,63/18 | 43,338 | 216,000 | 216,000 | 49,541 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 573,365 |
| 0,63/19 | 45,746 | 228,000 | 228,000 | 46,933 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 594,614 |
| 0,63/20 | 48,154 | 240,000 | 240,000 | 44,587 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 616,377 |
| 0,63/21 | 52,969 | 264,000 | 264,000 | 40,533 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 661,172 |
|  | **В-39: Tок=2, αр=0,75** | | | | | | | | | | |
| 0,75/1 | 2,408 | 14,400 | 14,400 | 1070,080 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 1974,038 |
| 0,75/2 | 4,815 | 28,800 | 28,800 | 535,040 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 1033,830 |
| 0,75/3 | 7,223 | 43,200 | 43,200 | 356,693 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 741,232 |
| 0,75/4 | 9,631 | 57,600 | 57,600 | 267,520 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 610,538 |
| 0,75/5 | 12,038 | 72,000 | 72,000 | 214,016 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 544,604 |
| 0,75/6 | 14,446 | 86,400 | 86,400 | 178,347 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 511,051 |
| 0,75/7 | 16,854 | 100,800 | 100,800 | 152,869 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 496,001 |
| 0,75/8 | 19,261 | 115,200 | 115,200 | 133,760 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 492,515 |
| 0,75/9 | 21,669 | 129,600 | 129,600 | 118,898 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 496,739 |
| 0,75/10 | 24,077 | 144,000 | 144,000 | 107,008 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 506,360 |
| 0,75/11 | 26,484 | 158,400 | 158,400 | 97,280 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 519,904 |
| 0,75/12 | 28,892 | 172,800 | 172,800 | 89,173 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 536,395 |
| 0,75/13 | 31,300 | 187,200 | 187,200 | 82,314 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 555,149 |
| 0,75/14 | 33,708 | 201,600 | 201,600 | 76,434 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 575,682 |
| 0,75/15 | 36,115 | 216,000 | 216,000 | 71,339 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 597,638 |
| 0,75/16 | 38,523 | 230,400 | 230,400 | 66,880 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 620,750 |
| 0,75/17 | 40,931 | 244,800 | 244,800 | 62,946 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 644,815 |
| 0,75/18 | 43,338 | 259,200 | 259,200 | 59,449 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 669,673 |
| 0,75/19 | 45,746 | 273,600 | 273,600 | 56,320 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 695,201 |
| 0,75/20 | 48,154 | 288,000 | 288,000 | 53,504 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 721,294 |
| 0,75/21 | 52,969 | 316,800 | 316,800 | 48,640 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 774,879 |
|  | **В-40: Tок=2, αр=0,80** | | | | | | | | | | |
| 0,80/1 | 2,408 | 15,360 | 15,360 | 1141,419 | 5,184 | 30,670 | 457,627 | 379,269 | 45,865 | 111,406 | 2047,297 |
| 0,80/2 | 4,815 | 30,720 | 30,720 | 570,709 | 2,592 | 15,335 | 228,814 | 189,634 | 22,932 | 55,703 | 1073,339 |
| 0,80/3 | 7,223 | 46,080 | 46,080 | 380,473 | 1,728 | 10,223 | 152,542 | 126,423 | 15,288 | 37,135 | 770,772 |
| 0,80/4 | 9,631 | 61,440 | 61,440 | 285,355 | 1,296 | 7,667 | 114,407 | 94,817 | 11,466 | 27,851 | 636,053 |
| 0,80/5 | 12,038 | 76,800 | 76,800 | 228,284 | 1,037 | 6,134 | 91,525 | 75,854 | 9,173 | 22,281 | 568,472 |
| 0,80/6 | 14,446 | 92,160 | 92,160 | 190,236 | 0,864 | 5,112 | 76,271 | 63,211 | 7,644 | 18,568 | 534,460 |
| 0,80/7 | 16,854 | 107,520 | 107,520 | 163,060 | 0,741 | 4,381 | 65,375 | 54,181 | 6,552 | 15,915 | 519,632 |
| 0,80/8 | 19,261 | 122,880 | 122,880 | 142,677 | 0,648 | 3,834 | 57,203 | 47,409 | 5,733 | 13,926 | 516,792 |
| 0,80/9 | 21,669 | 138,240 | 138,240 | 126,824 | 0,576 | 3,408 | 50,847 | 42,141 | 5,096 | 12,378 | 521,945 |
| 0,80/10 | 24,077 | 153,600 | 153,600 | 114,142 | 0,518 | 3,067 | 45,763 | 37,927 | 4,586 | 11,141 | 532,694 |
| 0,80/11 | 26,484 | 168,960 | 168,960 | 103,765 | 0,471 | 2,788 | 41,602 | 34,479 | 4,170 | 10,128 | 547,509 |
| 0,80/12 | 28,892 | 184,320 | 184,320 | 95,118 | 0,432 | 2,556 | 38,136 | 31,606 | 3,822 | 9,284 | 565,380 |
| 0,80/13 | 31,300 | 199,680 | 199,680 | 87,801 | 0,399 | 2,359 | 35,202 | 29,175 | 3,528 | 8,570 | 585,596 |
| 0,80/14 | 33,708 | 215,040 | 215,040 | 81,530 | 0,370 | 2,191 | 32,688 | 27,091 | 3,276 | 7,958 | 607,658 |
| 0,80/15 | 36,115 | 230,400 | 230,400 | 76,095 | 0,346 | 2,045 | 30,508 | 25,285 | 3,058 | 7,427 | 631,194 |
| 0,80/16 | 38,523 | 245,760 | 245,760 | 71,339 | 0,324 | 1,917 | 28,602 | 23,704 | 2,867 | 6,963 | 655,929 |
| 0,80/17 | 40,931 | 261,120 | 261,120 | 67,142 | 0,305 | 1,804 | 26,919 | 22,310 | 2,698 | 6,553 | 681,651 |
| 0,80/18 | 43,338 | 276,480 | 276,480 | 63,412 | 0,288 | 1,704 | 25,424 | 21,070 | 2,548 | 6,189 | 708,196 |
| 0,80/19 | 45,746 | 291,840 | 291,840 | 60,075 | 0,273 | 1,614 | 24,086 | 19,962 | 2,414 | 5,863 | 735,436 |
| 0,80/20 | 48,154 | 307,200 | 307,200 | 57,071 | 0,259 | 1,533 | 22,881 | 18,963 | 2,293 | 5,570 | 763,261 |
| 0,80/21 | 52,969 | 337,920 | 337,920 | 51,883 | 0,236 | 1,394 | 20,801 | 17,239 | 2,085 | 5,064 | 820,362 |

**Приложение Б**

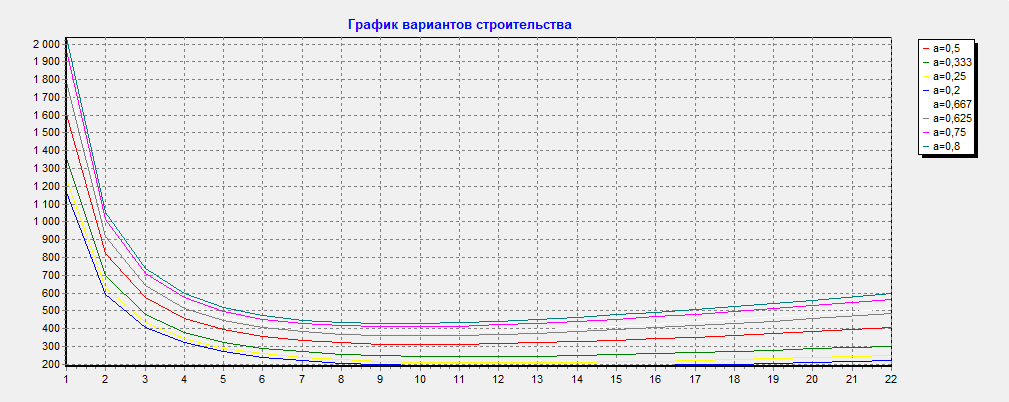
**5 год**

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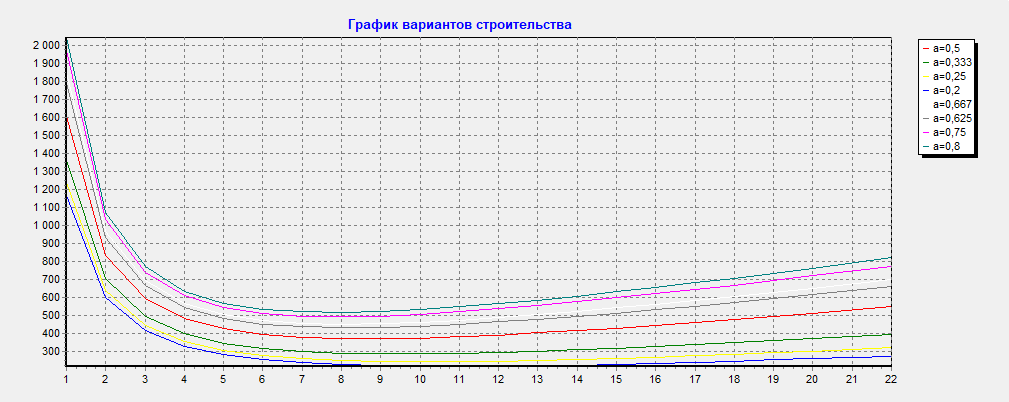
**4 год**

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**3 год**

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**2 год**

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