# ОТЧЕТ ПО ЛАБОРАТОРНОЙ РАБОТЕ №2

## Вариант 22

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Ссылка на репозиторий: https://github.com/ CorgiPuppy/ num-methods-eq-math-phys-chem-labs
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# Оглавление

## Описание задачи

| Вариант | Уравнение | Интервалы переменных | Начальные и граничные условия |
|---------|-----------|----------------------|-------------------------------|
| 22 | $\frac{\partial u}{\partial t} = \frac{\partial^2 u}{\partial x^2}$ | x in [0, 1]<br>t in [0, 1] | $u(t=0, x) = e^x$<br>$u(t, x=0) = e^t$<br>$u(t, x=1) = e^{t+1}$ |

Для заданного уравнения:

1. записать неявную разностную схему;
2. определить порядок аппроксимации разностной схемы;
3. доказать абсолютную устойчивость разностной схемы (с помощью метода гармоник);
4. привести схему к виду, удобному для использования метода прогонки;
5. проверить сходимость прогонки;
6. найти $\alpha_1$, $\beta_1$, $u_N^{n+1}$
7. записать рекуррентное прогоночное соотношение;
8. составить алгоритм (блок-схему) расчёта;
9. построить программу на любом удобном языке программирования;
10. провести численный расчёт с использованием различных значений $\Delta t(0.1,\ 0.01,\ 0.001)$, $h = 0.1$
11. составить отчёт о проделанной работе;
12. сравнить результаты расчётов заданий №1 и №2 друг с другом, а также с истинными значениями функции $u$ и в соответствующих точках разностной сетки (*истинное решение уравнения будет выдано преподавателем после выполнения расчётов по явной и неявной разностным схемам*).

# Выполнение задачи

## Задание 1

Записать неявную разностную схему:

$$\frac{u_j^{n+1} - u_j^n}{\Delta t} = \frac{u_{j+1}^{n+1} - 2u_j^{n+1} + u_{j-1}^{n+1}}{h^2}. \tag{1}$$

В записанной разностной схеме уравнения 1 аппроксимация второй производной функции $u(t, x)$ по координате рассматривается на $n+1$-м шаге по времени, т.е. относительно точки $t^{n+1}$, для которой рассматривается аппроксимация всего уравнения. Такая разностная схема называется **неявной**.

## Задание 2

Определить порядок аппроксимации разностной схемы уравнения 1: Для этого запишу разложение значений $u_j^{n+1}$, $u_{j+1}^{n+1}$, $u_{j-1}^{n+1}$ в ряд Тейлора относительно точки $(t^{n+1}, x_j)$:

$$u_j^n = u_j^{n+1} - \frac{\partial u}{\partial t}\big|_j^{n+1} \Delta t + \frac{\partial^2 u}{\partial t^2}\big|_j^{n+1} \frac{(\Delta t)^2}{2!} - \frac{\partial^3 u}{\partial t^3}\big|_j^{n+1} \frac{(\Delta t)^3}{3!} + ..., \tag{2}$$

$$u_{j+1}^{n+1} = u_j^{n+1} + \frac{\partial u}{\partial x}\big|_j^{n+1} h + \frac{\partial^2 u}{\partial x^2}\big|_j^{n+1} \frac{h^2}{2!} + \frac{\partial^3 u}{\partial x^3}\big|_j^{n+1} \frac{h^3}{3} + \frac{\partial^4 u}{\partial x^4}\big|_j^{n+1} \frac{h^4}{4} + ..., \tag{3}$$

$$u_{j-1}^{n+1} = u_j^{n+1} - \frac{\partial u}{\partial x}\big|_j^{n+1} h + \frac{\partial^2 u}{\partial x^2}\big|_j^{n+1} \frac{h^2}{2!} - \frac{\partial^3 u}{\partial x^3}\big|_j^{n+1} \frac{h^3}{3} + \frac{\partial^4 u}{\partial x^4}\big|_j^{n+1} \frac{h^4}{4} + .... \tag{4}$$

Подставляя зависимости уравнения 2 - уравнения 4 в разностную схему уравнения 1, получаю:

$$\frac{\partial u}{\partial t}\big|_j^{n+1} - \frac{\partial^2 u}{\partial t^2}\big|_j^{n+1} \frac{(\Delta t)}{2!} + \frac{\partial^3 u}{\partial t^3}\big|_j^{n+1} \frac{(\Delta t)^2}{3!} - ... = \frac{\partial^2 u}{\partial x^2}\big|_j^{n+1} \frac{h^2}{2!} + \frac{\partial^4 u}{\partial x^4}\big|_j^{n+1} \frac{h^4}{4} + ...$$

$$\Rightarrow \frac{\partial u}{\partial t}\big|_j^{n+1} + O(\Delta t) = \frac{\partial^2 u}{\partial x^2}\big|_j^{n+1} + O(h^2).$$

Таким образом, неявная разностная схема уравнения 1 аппроксимирует исходное дифференциальное уравнение с первым порядком по времени и со вторым порядком по координате, что записывается в следующем виде:

$$O(\Delta t) + O(h^2) \text{ или } O(\Delta t, h^2).$$

## Задание 3

Доказать абсолютную устойчивость разностной схемы уравнения 1 (с помощью метода гармоник):

Представляю решение разностной схемы в виде гармоники:

$$u_j^n = \lambda^n e^{i\alpha j}. \tag{5}$$

Подставляя уравнения 5 в разностную схему уравнения 1, получаю:

$$\frac{\lambda^{n+1} e^{i\alpha j} - \lambda^n e^{i\alpha j}}{\Delta t} = \frac{\lambda^{n+1} e^{i\alpha(j+1)} - 2\lambda^{n+1} e^{i\alpha j} + \lambda^{n+1} e^{i\alpha(j-1)}}{h^2}.$$

Упрощаю полученное выражение, деля левую и правую его части на $\lambda^n e^{i\alpha j}$:

$$\frac{\lambda - 1}{\Delta t} = \frac{\lambda e^{i\alpha} - 2\lambda + \lambda e^{-i\alpha}}{h^2}$$

Преобразую комплексные числа из экспоненциальной формы в тригонометрическую:

$$e^{\pm i\alpha} = \cos\alpha \pm i\sin\alpha \Rightarrow \frac{\lambda - 1}{\Delta t} = \lambda\frac{2\cos\alpha - 2}{h^2}.$$

Используя тригонометрические тождества

$$\cos\alpha = \cos^2\frac{\alpha}{2} - \sin^2\frac{\alpha}{2} = 1 - 2\sin^2\frac{\alpha}{2},$$

получаю формулу, из которой затем выражаю $\lambda$:

$$\frac{\lambda - 1}{\Delta t} = \frac{-4\lambda\sin^2\frac{\alpha}{2}}{h^2} \Rightarrow \lambda = \frac{1}{1 + \frac{4\Delta t \sin^2\frac{\alpha}{2}}{h^2}}.$$

С учётом необходимого условия устойчивости разностных схем $|\lambda| \le 1$ имею:

$$-1 \le \frac{1}{1 + \frac{4\Delta t \sin^2\frac{\alpha}{2}}{h^2}} \le 1.$$

В полученном двойном неравенстве левое и правое условие выполняются автоматически.

Для любых значений $\Delta t$ и $h$ неравенство выполняется. Следовательно, разностная схема **абсолютно устойчива**.

## Задание 4

Привести схему к виду, удобному для использования метода прогонки:

Преобразую неявную разностную схемы уравнения 1, группируя в левой части члены, содержащие значение функции $u(t, x)$ на $(n + 1)$ шаге по времени, а в правой части - все остальные члены:

$$-\frac{\Delta t}{h^2}u_{j+1}^{n+1} + \left(1 + 2\frac{\Delta t}{h^2}\right)u_j^{n+1} - \frac{\Delta t}{h^2}u_{j-1}^{n+1} = u_j^n. \tag{6}$$

Введу следующие обозначения:

$$a_j = -\frac{\Delta t}{h^2}; b_j = \left(1 + 2\frac{\Delta t}{h^2}\right); c_j = -\frac{\Delta t}{h^2}; \xi_j^n = u_j^n. \tag{7}$$

С учётом обозначений уравнения 7 равенство уравнения 6 будет иметь вид:

$$a_j u_{j+1}^{n+1} + b_j u_j^{n+1} + c_j u_{j-1}^{n+1} = \xi_j^n$$

Данное преобразование называется *преобразованием неявной разностной схемы к виду, удобному для использования метода прогонки.*

## Задание 5

Проверить сходимость прогонки:

**Теорема**. Достаточным условием сходимости метода прогонки к решению исходной дифференциальной задачи является выполнение неравенства:

$$|a_j| + |c_j| < |b_j|$$

Легко видеть, что для разностной схемы достаточное условие сходимости прогонки выполняется:

$$|a_j| + |c_j| = 2\frac{\Delta t}{h^2} < 1 + 2\frac{\Delta t}{h^2} = |b_j|$$

## Задание 6

Найти $\alpha_1$, $\beta_1$, $u_N^{n+1}$:

Для реализации неявной разностной схемы требуется ввести некоторое дополнительно условие, связывающее значения функции $u(t, x)$ на *(n+1)*-м шаге по времени. Представлю это дополнительное условие в виде линейной зависимости

$$u_j^{n+1} = \alpha_j u_{j+1}^{n+1} + \beta_j, \tag{8}$$

справедливой для любого значений *j = 1, …, N-1*.

Соотношение уравнения 8 называют **рекуррентным прогоночным соотношением**, а коэффициенты $a\_j$, $\beta_j$ - **прогоночными коэффициентами**.

Для определния прогоночных коэффициентов на 1-м шаге по координате $x$, использую рекуррентное прогоночное соотношение уравнения 8, записанное для *j = 1*:

$$u_1^{n+1} = \alpha_1 u_2^{n+1} + \beta_1,$$

и левое граничное условие:

$$u_1^{n+1} = e^{(n+1)\Delta t}$$

Сравнивая эти два соотношения, получаю:

$$\alpha_1 = 0, \beta_1 = e^{(n+1)\Delta t}.$$

Значение функции $u(t, x)$ на *(n+1)*-м шаге по времени в крайней правой точке, которое можно определить из правого граничного условия:

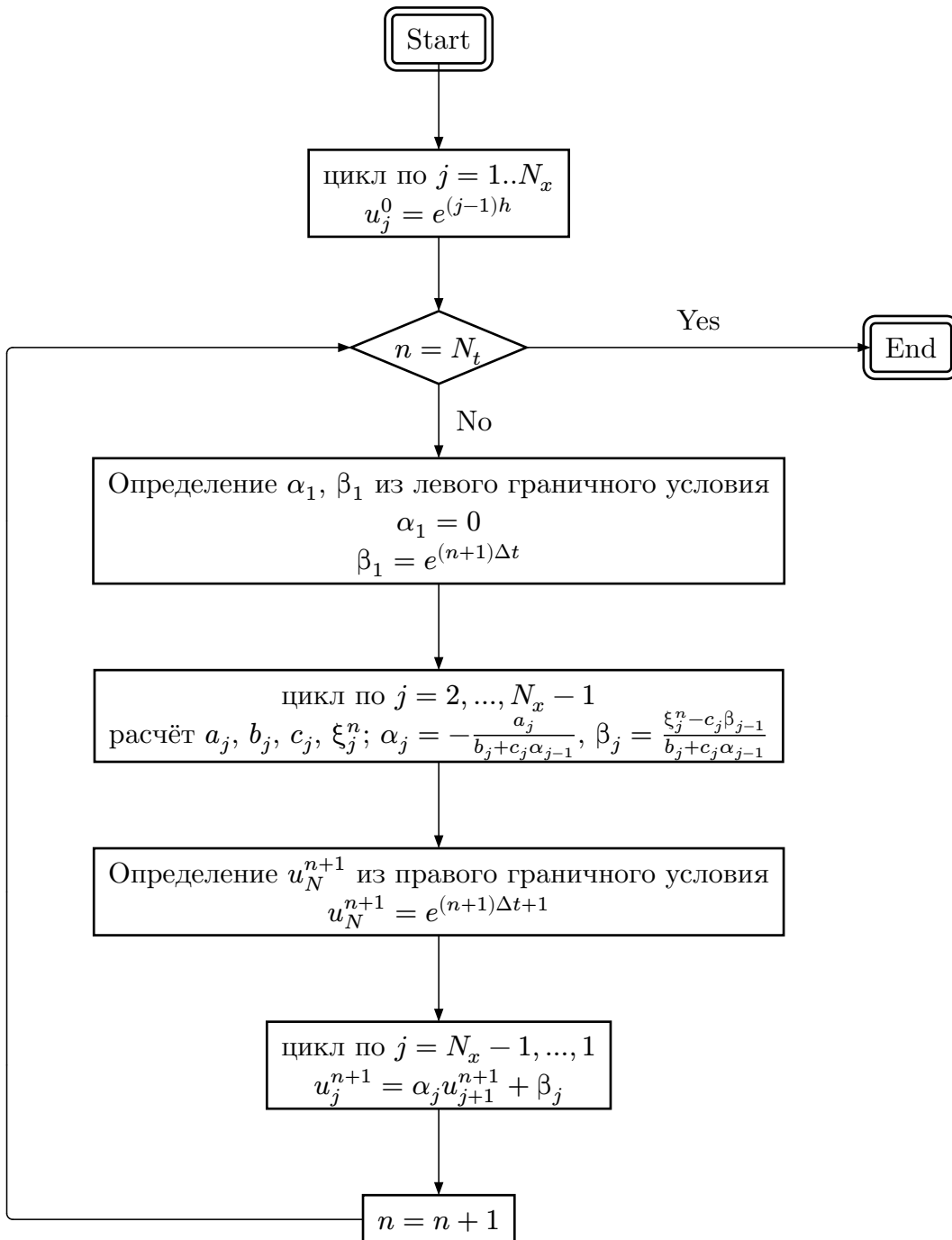$$u_N^{n+1} = e^{(n+1)\Delta t+1}.$$

## Задание 7

Записать рекуррентное прогоночное соотношение:

Соотношение уравнения 8 является **рекуррентным прогоночным соотношением**.

## Задание 8

Составить алгоритм (блок-схему) расчёта:

```
Start
```

цикл по $j = 1..N_x$
$u_j^0 = e^{(j-1)h}$

$n = N_t$ — Yes → End

No

Определение $\alpha_1$, $\beta_1$ из левого граничного условия
$\alpha_1 = 0$
$\beta_1 = e^{(n+1)\Delta t}$

цикл по $j = 2, ..., N_x - 1$
расчёт $a_j$, $b_j$, $c_j$, $\xi_j^n$; $\alpha_j = -\frac{a_j}{b_j + c_j \alpha_{j-1}}$, $\beta_j = \frac{\xi_j^n - c_j \beta_{j-1}}{b_j + c_j \alpha_{j-1}}$

Определение $u_N^{n+1}$ из правого граничного условия
$u_N^{n+1} = e^{(n+1)\Delta t + 1}$

цикл по $j = N_x - 1, ..., 1$
$u_j^{n+1} = \alpha_j u_{j+1}^{n+1} + \beta_j$

$n = n + 1$

## Задание 9

Построить программу на любом удобном языке программирования:

```cpp
#include <iostream>
#include <cmath>
#include <fstream>

#include "../include/Constants.h"

int main() {
  int N_x = 1 + (Constants::x_end - Constants::x_start) / Constants::h;
  int N_t[Constants::amount_of_delta_t] = {0};
  for (int i = 0; i < Constants::amount_of_delta_t; i++)
    N_t[i] = 1 + (Constants::t_end - Constants::t_start) / Constants::delta_t[i];
```

7

```cpp
for (int i = 0; i < Constants::amount_of_delta_t; i++) {
  double** u = new double*[N_t[i]];
  for (int n = 0; n < N_t[i]; n++) {
      u[n] = new double[N_x]();
  }

  for (int j = 0; j <= N_x - 1; j++) {
    u[0][j] = std::exp(j * Constants::h);
  }

  double* a = new double[N_x]();
  double* b = new double[N_x]();
  double* c = new double[N_x]();
  double* ksi = new double[N_x]();
  double* alpha = new double[N_x]();
  double* beta = new double[N_x]();

  int n = 0;
  while (!(n == (N_t[i] - 1))) {
    alpha[0] = 0.0;
    beta[0] = std::exp((n + 1) * Constants::delta_t[2]);

    for (int j = 1; j <= N_x - 2; j++) {
      a[j] = - (Constants::delta_t[2]) / (std::pow(Constants::h, 2));
      b[j] = 1 + 2 * (Constants::delta_t[2]) / (std::pow(Constants::h, 2));
      c[j] = - (Constants::delta_t[2]) / (std::pow(Constants::h, 2));
      ksi[j] = u[n][j];
      alpha[j] = - (a[j]) / (b[j] + c[j] * alpha[j - 1]);
      beta[j] = (ksi[j] - c[j] * beta[j - 1]) / (b[j] + c[j] * alpha[j - 1]);
    }

    u[n + 1][N_x - 1] = std::exp((n + 1) * Constants::delta_t[2] + 1);

    for (int j = N_x - 2; j >= 0; j--) {
      u[n + 1][j] = alpha[j] * u[n + 1][j + 1] + beta[j];
    }

    n++;
  }

  std::ofstream csvFile(Constants::csvPath[i]);
  csvFile << "t\\x,";
  for (int j = 0; j <= N_x - 1; j++) {
    csvFile << j * Constants::h;
    if (j != (N_x - 1)) csvFile << ",";
  }
  csvFile << "\n";
  for (int n = 0; n < N_t[i]; n++) {
    double t = (n + 1) * Constants::delta_t[2];
    csvFile << t << ",";
    for (int j = 0; j < N_x; j++) {
      csvFile << u[n][j];
      if (j != (N_x - 1)) csvFile << ",";
    }
```

```
      csvFile << "\n";
    }
    csvFile.close();

    std::ofstream plotFile(Constants::plotPath[i]);
    for (int n = 0; n < N_t[i]; n++) {
      double t = (n + 1) * Constants::delta_t[2];
      for (int j = 0; j < N_x; j++) {
        double x = j * Constants::h;
        plotFile << t << " " << x << " " << u[n][j] << "\n";
      }
      plotFile << "\n";
    }
    plotFile.close();

    for (int n = 0; n < N_t[i]; n++) {
        delete[] u[n];
    }

    delete[] u;
    delete[] a;
    delete[] b;
    delete[] c;
    delete[] ksi;
    delete[] alpha;
    delete[] beta;
  }

  return 0;
}
```

## Задание 10

Провести численный расчёт с использованием различных значений $\Delta t(0.1,\ 0.01,\ 0.001)$, $h = 0.1$:

| t\x | 0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 |
|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.001 | 1 | 1.10517 | 1.2214 | 1.34986 | 1.49182 | 1.64872 | 1.82212 | 2.01375 | 2.22554 | 2.4596 | 2.71828 |
| 0.002 | 1.001 | 1.10628 | 1.22263 | 1.35121 | 1.49332 | 1.65037 | 1.82394 | 2.01577 | 2.22777 | 2.46207 | 2.721 |
| 0.003 | 1.002 | 1.10739 | 1.22385 | 1.35256 | 1.49482 | 1.65203 | 1.82577 | 2.01779 | 2.23 | 2.46453 | 2.72372 |
| 0.004 | 1.003 | 1.1085 | 1.22508 | 1.35392 | 1.49631 | 1.65368 | 1.8276 | 2.01981 | 2.23224 | 2.467 | 2.72645 |
| 0.005 | 1.00401 | 1.10961 | 1.2263 | 1.35528 | 1.49781 | 1.65534 | 1.82943 | 2.02183 | 2.23447 | 2.46947 | 2.72918 |
| 0.006 | 1.00501 | 1.11072 | 1.22753 | 1.35663 | 1.49931 | 1.657 | 1.83126 | 2.02386 | 2.23671 | 2.47194 | 2.73191 |
| 0.007 | 1.00602 | 1.11183 | 1.22876 | 1.35799 | 1.50081 | 1.65866 | 1.8331 | 2.02589 | 2.23895 | 2.47442 | 2.73464 |
| 0.008 | 1.00702 | 1.11294 | 1.22999 | 1.35935 | 1.50232 | 1.66032 | 1.83494 | 2.02792 | 2.24119 | 2.4769 | 2.73738 |
| 0.009 | 1.00803 | 1.11406 | 1.23123 | 1.36072 | 1.50382 | 1.66198 | 1.83677 | 2.02995 | 2.24344 | 2.47938 | 2.74012 |
| 0.01 | 1.00904 | 1.11517 | 1.23246 | 1.36208 | 1.50533 | 1.66365 | 1.83861 | 2.03198 | 2.24569 | 2.48186 | 2.74286 |
| 0.011 | 1.01005 | 1.11629 | 1.23369 | 1.36344 | 1.50684 | 1.66531 | 1.84046 | 2.03402 | 2.24794 | 2.48434 | 2.7456 |

| t\x | 0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.001 | 1 | 1.10517 | 1.2214 | 1.34986 | 1.49182 | 1.64872 | 1.82212 | 2.01375 | 2.22554 | 2.4596 | 2.71828 |
| 0.002 | 1.001 | 1.10628 | 1.22263 | 1.35121 | 1.49332 | 1.65037 | 1.82394 | 2.01577 | 2.22777 | 2.46207 | 2.721 |
| 0.003 | 1.002 | 1.10739 | 1.22385 | 1.35256 | 1.49482 | 1.65203 | 1.82577 | 2.01779 | 2.23 | 2.46453 | 2.72372 |
| 0.004 | 1.003 | 1.1085 | 1.22508 | 1.35392 | 1.49631 | 1.65368 | 1.8276 | 2.01981 | 2.23224 | 2.467 | 2.72645 |
| 0.005 | 1.00401 | 1.10961 | 1.2263 | 1.35528 | 1.49781 | 1.65534 | 1.82943 | 2.02183 | 2.23447 | 2.46947 | 2.72918 |
| 0.006 | 1.00501 | 1.11072 | 1.22753 | 1.35663 | 1.49931 | 1.657 | 1.83126 | 2.02386 | 2.23671 | 2.47194 | 2.73191 |
| 0.007 | 1.00602 | 1.11183 | 1.22876 | 1.35799 | 1.50081 | 1.65866 | 1.8331 | 2.02589 | 2.23895 | 2.47442 | 2.73464 |
| 0.008 | 1.00702 | 1.11294 | 1.22999 | 1.35935 | 1.50232 | 1.66032 | 1.83494 | 2.02792 | 2.24119 | 2.4769 | 2.73738 |
| 0.009 | 1.00803 | 1.11406 | 1.23123 | 1.36072 | 1.50382 | 1.66198 | 1.83677 | 2.02995 | 2.24344 | 2.47938 | 2.74012 |
| 0.01 | 1.00904 | 1.11517 | 1.23246 | 1.36208 | 1.50533 | 1.66365 | 1.83861 | 2.03198 | 2.24569 | 2.48186 | 2.74286 |
| 0.011 | 1.01005 | 1.11629 | 1.23369 | 1.36344 | 1.50684 | 1.66531 | 1.84046 | 2.03402 | 2.24794 | 2.48434 | 2.7456 |
| 0.012 | 1.01106 | 1.11741 | 1.23493 | 1.36481 | 1.50835 | 1.66698 | 1.8423 | 2.03606 | 2.25019 | 2.48683 | 2.74835 |
| 0.013 | 1.01207 | 1.11853 | 1.23617 | 1.36618 | 1.50986 | 1.66865 | 1.84415 | 2.03809 | 2.25244 | 2.48932 | 2.7511 |
| 0.014 | 1.01308 | 1.11965 | 1.2374 | 1.36754 | 1.51137 | 1.67032 | 1.84599 | 2.04014 | 2.2547 | 2.49181 | 2.75385 |
| 0.015 | 1.0141 | 1.12077 | 1.23864 | 1.36891 | 1.51289 | 1.672 | 1.84784 | 2.04218 | 2.25695 | 2.49431 | 2.75661 |
| 0.016 | 1.01511 | 1.12189 | 1.23988 | 1.37029 | 1.5144 | 1.67367 | 1.84969 | 2.04423 | 2.25921 | 2.4968 | 2.75936 |
| 0.017 | 1.01613 | 1.12301 | 1.24113 | 1.37166 | 1.51592 | 1.67535 | 1.85155 | 2.04627 | 2.26148 | 2.4993 | 2.76212 |
| 0.018 | 1.01715 | 1.12414 | 1.24237 | 1.37303 | 1.51744 | 1.67703 | 1.8534 | 2.04832 | 2.26374 | 2.50181 | 2.76489 |
| 0.019 | 1.01816 | 1.12526 | 1.24361 | 1.37441 | 1.51896 | 1.67871 | 1.85526 | 2.05037 | 2.26601 | 2.50431 | 2.76765 |
| 0.02 | 1.01918 | 1.12639 | 1.24486 | 1.37578 | 1.52048 | 1.68039 | 1.85712 | 2.05243 | 2.26828 | 2.50682 | 2.77042 |
| 0.021 | 1.0202 | 1.12752 | 1.24611 | 1.37716 | 1.522 | 1.68207 | 1.85898 | 2.05448 | 2.27055 | 2.50933 | 2.77319 |
| 0.022 | 1.02122 | 1.12864 | 1.24735 | 1.37854 | 1.52353 | 1.68376 | 1.86084 | 2.05654 | 2.27282 | 2.51184 | 2.77597 |
| 0.023 | 1.02224 | 1.12977 | 1.2486 | 1.37992 | 1.52505 | 1.68544 | 1.8627 | 2.0586 | 2.2751 | 2.51435 | 2.77875 |
| 0.024 | 1.02327 | 1.1309 | 1.24985 | 1.38131 | 1.52658 | 1.68713 | 1.86457 | 2.06066 | 2.27738 | 2.51687 | 2.78153 |
| 0.025 | 1.02429 | 1.13204 | 1.2511 | 1.38269 | 1.52811 | 1.68882 | 1.86644 | 2.06273 | 2.27966 | 2.51939 | 2.78431 |
| 0.026 | 1.02532 | 1.13317 | 1.25236 | 1.38407 | 1.52964 | 1.69051 | 1.86831 | 2.06479 | 2.28194 | 2.52191 | 2.7871 |
| 0.027 | 1.02634 | 1.1343 | 1.25361 | 1.38546 | 1.53117 | 1.69221 | 1.87018 | 2.06686 | 2.28422 | 2.52443 | 2.78988 |
| 0.028 | 1.02737 | 1.13544 | 1.25487 | 1.38685 | 1.53271 | 1.6939 | 1.87205 | 2.06893 | 2.28651 | 2.52696 | 2.79268 |
| 0.029 | 1.0284 | 1.13658 | 1.25612 | 1.38824 | 1.53424 | 1.6956 | 1.87393 | 2.071 | 2.2888 | 2.52949 | 2.79547 |
| 0.03 | 1.02942 | 1.13771 | 1.25738 | 1.38963 | 1.53578 | 1.6973 | 1.8758 | 2.07308 | 2.29109 | 2.53202 | 2.79827 |
| 0.031 | 1.03045 | 1.13885 | 1.25864 | 1.39102 | 1.53732 | 1.699 | 1.87768 | 2.07515 | 2.29338 | 2.53455 | 2.80107 |
| 0.032 | 1.03149 | 1.13999 | 1.2599 | 1.39241 | 1.53886 | 1.7007 | 1.87956 | 2.07723 | 2.29568 | 2.53709 | 2.80387 |
| 0.033 | 1.03252 | 1.14113 | 1.26116 | 1.39381 | 1.5404 | 1.7024 | 1.88144 | 2.07931 | 2.29798 | 2.53963 | 2.80667 |
| 0.034 | 1.03355 | 1.14228 | 1.26243 | 1.3952 | 1.54194 | 1.70411 | 1.88333 | 2.08139 | 2.30028 | 2.54217 | 2.80948 |
| 0.035 | 1.03458 | 1.14342 | 1.26369 | 1.3966 | 1.54349 | 1.70582 | 1.88522 | 2.08348 | 2.30258 | 2.54472 | 2.81229 |
| 0.036 | 1.03562 | 1.14456 | 1.26496 | 1.398 | 1.54503 | 1.70752 | 1.8871 | 2.08556 | 2.30489 | 2.54726 | 2.81511 |
| 0.037 | 1.03666 | 1.14571 | 1.26622 | 1.3994 | 1.54658 | 1.70923 | 1.88899 | 2.08765 | 2.3072 | 2.54981 | 2.81792 |
| 0.038 | 1.03769 | 1.14686 | 1.26749 | 1.4008 | 1.54813 | 1.71095 | 1.89089 | 2.08974 | 2.3095 | 2.55236 | 2.82074 |
| 0.039 | 1.03873 | 1.14801 | 1.26876 | 1.4022 | 1.54968 | 1.71266 | 1.89278 | 2.09184 | 2.31182 | 2.55492 | 2.82356 |
| 0.04 | 1.03977 | 1.14915 | 1.27003 | 1.40361 | 1.55123 | 1.71438 | 1.89467 | 2.09393 | 2.31413 | 2.55748 | 2.82639 |

| 0.041 | 1.04081 | 1.1503 | 1.2713 | 1.40501 | 1.55279 | 1.71609 | 1.89657 | 2.09603 | 2.31645 | 2.56003 | 2.82922 |
| 0.042 | 1.04185 | 1.15146 | 1.27257 | 1.40642 | 1.55434 | 1.71781 | 1.89847 | 2.09813 | 2.31877 | 2.5626 | 2.83205 |
| 0.043 | 1.04289 | 1.15261 | 1.27385 | 1.40783 | 1.5559 | 1.71953 | 1.90037 | 2.10023 | 2.32109 | 2.56516 | 2.83488 |
| 0.044 | 1.04394 | 1.15376 | 1.27512 | 1.40924 | 1.55746 | 1.72125 | 1.90228 | 2.10233 | 2.32341 | 2.56773 | 2.83772 |
| 0.045 | 1.04498 | 1.15492 | 1.2764 | 1.41065 | 1.55902 | 1.72298 | 1.90418 | 2.10443 | 2.32574 | 2.5703 | 2.84056 |
| 0.046 | 1.04603 | 1.15607 | 1.27768 | 1.41206 | 1.56058 | 1.7247 | 1.90609 | 2.10654 | 2.32807 | 2.57287 | 2.8434 |
| 0.047 | 1.04707 | 1.15723 | 1.27896 | 1.41348 | 1.56214 | 1.72643 | 1.908 | 2.10865 | 2.3304 | 2.57545 | 2.84624 |
| 0.048 | 1.04812 | 1.15839 | 1.28024 | 1.41489 | 1.5637 | 1.72816 | 1.90991 | 2.11076 | 2.33273 | 2.57802 | 2.84909 |
| 0.049 | 1.04917 | 1.15955 | 1.28152 | 1.41631 | 1.56527 | 1.72989 | 1.91182 | 2.11287 | 2.33506 | 2.5806 | 2.85194 |
| 0.05 | 1.05022 | 1.16071 | 1.2828 | 1.41773 | 1.56684 | 1.73162 | 1.91373 | 2.11499 | 2.3374 | 2.58319 | 2.85479 |
| 0.051 | 1.05127 | 1.16187 | 1.28409 | 1.41915 | 1.56841 | 1.73336 | 1.91565 | 2.11711 | 2.33974 | 2.58577 | 2.85765 |
| 0.052 | 1.05232 | 1.16303 | 1.28537 | 1.42057 | 1.56998 | 1.73509 | 1.91757 | 2.11923 | 2.34208 | 2.58836 | 2.86051 |
| 0.053 | 1.05338 | 1.1642 | 1.28666 | 1.42199 | 1.57155 | 1.73683 | 1.91949 | 2.12135 | 2.34443 | 2.59095 | 2.86337 |
| 0.054 | 1.05443 | 1.16536 | 1.28795 | 1.42342 | 1.57312 | 1.73857 | 1.92141 | 2.12347 | 2.34677 | 2.59354 | 2.86624 |
| 0.055 | 1.05548 | 1.16653 | 1.28924 | 1.42484 | 1.5747 | 1.74031 | 1.92334 | 2.1256 | 2.34912 | 2.59614 | 2.8691 |
| 0.056 | 1.05654 | 1.1677 | 1.29053 | 1.42627 | 1.57628 | 1.74206 | 1.92526 | 2.12773 | 2.35147 | 2.59873 | 2.87198 |
| 0.057 | 1.0576 | 1.16887 | 1.29182 | 1.4277 | 1.57786 | 1.7438 | 1.92719 | 2.12986 | 2.35383 | 2.60134 | 2.87485 |
| 0.058 | 1.05866 | 1.17004 | 1.29311 | 1.42913 | 1.57944 | 1.74555 | 1.92912 | 2.13199 | 2.35618 | 2.60394 | 2.87772 |
| 0.059 | 1.05971 | 1.17121 | 1.29441 | 1.43056 | 1.58102 | 1.74729 | 1.93105 | 2.13412 | 2.35854 | 2.60654 | 2.8806 |
| 0.06 | 1.06078 | 1.17238 | 1.2957 | 1.43199 | 1.5826 | 1.74904 | 1.93298 | 2.13626 | 2.3609 | 2.60915 | 2.88349 |
| 0.061 | 1.06184 | 1.17355 | 1.297 | 1.43342 | 1.58419 | 1.7508 | 1.93492 | 2.1384 | 2.36327 | 2.61176 | 2.88637 |
| 0.062 | 1.0629 | 1.17473 | 1.2983 | 1.43486 | 1.58577 | 1.75255 | 1.93686 | 2.14054 | 2.36563 | 2.61438 | 2.88926 |
| 0.063 | 1.06396 | 1.1759 | 1.2996 | 1.4363 | 1.58736 | 1.7543 | 1.9388 | 2.14268 | 2.368 | 2.61699 | 2.89215 |
| 0.064 | 1.06503 | 1.17708 | 1.3009 | 1.43773 | 1.58895 | 1.75606 | 1.94074 | 2.14483 | 2.37037 | 2.61961 | 2.89504 |
| 0.065 | 1.06609 | 1.17826 | 1.3022 | 1.43917 | 1.59054 | 1.75782 | 1.94268 | 2.14698 | 2.37274 | 2.62223 | 2.89794 |
| 0.066 | 1.06716 | 1.17944 | 1.30351 | 1.44062 | 1.59213 | 1.75958 | 1.94463 | 2.14912 | 2.37512 | 2.62486 | 2.90084 |
| 0.067 | 1.06823 | 1.18062 | 1.30481 | 1.44206 | 1.59373 | 1.76134 | 1.94657 | 2.15128 | 2.37749 | 2.62748 | 2.90374 |
| 0.068 | 1.0693 | 1.1818 | 1.30612 | 1.4435 | 1.59532 | 1.7631 | 1.94852 | 2.15343 | 2.37987 | 2.63011 | 2.90665 |
| 0.069 | 1.07037 | 1.18298 | 1.30743 | 1.44495 | 1.59692 | 1.76487 | 1.95047 | 2.15559 | 2.38226 | 2.63275 | 2.90955 |
| 0.07 | 1.07144 | 1.18417 | 1.30874 | 1.44639 | 1.59852 | 1.76664 | 1.95243 | 2.15774 | 2.38464 | 2.63538 | 2.91247 |
| 0.071 | 1.07251 | 1.18535 | 1.31005 | 1.44784 | 1.60012 | 1.76841 | 1.95438 | 2.1599 | 2.38703 | 2.63802 | 2.91538 |
| 0.072 | 1.07358 | 1.18654 | 1.31136 | 1.44929 | 1.60172 | 1.77018 | 1.95634 | 2.16207 | 2.38942 | 2.64066 | 2.9183 |
| 0.073 | 1.07466 | 1.18772 | 1.31267 | 1.45074 | 1.60333 | 1.77195 | 1.9583 | 2.16423 | 2.39181 | 2.6433 | 2.92122 |
| 0.074 | 1.07573 | 1.18891 | 1.31398 | 1.4522 | 1.60493 | 1.77372 | 1.96026 | 2.1664 | 2.3942 | 2.64594 | 2.92414 |
| 0.075 | 1.07681 | 1.1901 | 1.3153 | 1.45365 | 1.60654 | 1.7755 | 1.96222 | 2.16857 | 2.3966 | 2.64859 | 2.92706 |
| 0.076 | 1.07788 | 1.19129 | 1.31662 | 1.4551 | 1.60815 | 1.77728 | 1.96418 | 2.17074 | 2.399 | 2.65124 | 2.92999 |
| 0.077 | 1.07896 | 1.19249 | 1.31793 | 1.45656 | 1.60976 | 1.77906 | 1.96615 | 2.17291 | 2.4014 | 2.6539 | 2.93292 |
| 0.078 | 1.08004 | 1.19368 | 1.31925 | 1.45802 | 1.61137 | 1.78084 | 1.96812 | 2.17508 | 2.4038 | 2.65655 | 2.93586 |
| 0.079 | 1.08112 | 1.19488 | 1.32057 | 1.45948 | 1.61298 | 1.78262 | 1.97009 | 2.17726 | 2.40621 | 2.65921 | 2.9388 |
| 0.08 | 1.0822 | 1.19607 | 1.3219 | 1.46094 | 1.6146 | 1.78441 | 1.97206 | 2.17944 | 2.40861 | 2.66187 | 2.94174 |
| 0.081 | 1.08329 | 1.19727 | 1.32322 | 1.4624 | 1.61621 | 1.78619 | 1.97404 | 2.18162 | 2.41103 | 2.66453 | 2.94468 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.082 | 1.08437 | 1.19847 | 1.32454 | 1.46387 | 1.61783 | 1.78798 | 1.97601 | 2.18381 | 2.41344 | 2.6672 | 2.94763 |
| 0.083 | 1.08546 | 1.19967 | 1.32587 | 1.46533 | 1.61945 | 1.78977 | 1.97799 | 2.18599 | 2.41585 | 2.66987 | 2.95057 |
| 0.084 | 1.08654 | 1.20087 | 1.3272 | 1.4668 | 1.62107 | 1.79156 | 1.97997 | 2.18818 | 2.41827 | 2.67254 | 2.95353 |
| 0.085 | 1.08763 | 1.20207 | 1.32853 | 1.46827 | 1.6227 | 1.79336 | 1.98195 | 2.19037 | 2.42069 | 2.67522 | 2.95648 |
| 0.086 | 1.08872 | 1.20327 | 1.32986 | 1.46974 | 1.62432 | 1.79515 | 1.98394 | 2.19256 | 2.42311 | 2.67789 | 2.95944 |
| 0.087 | 1.08981 | 1.20448 | 1.33119 | 1.47121 | 1.62595 | 1.79695 | 1.98592 | 2.19476 | 2.42554 | 2.68057 | 2.9624 |
| 0.088 | 1.0909 | 1.20568 | 1.33252 | 1.47268 | 1.62758 | 1.79875 | 1.98791 | 2.19695 | 2.42797 | 2.68325 | 2.96536 |
| 0.089 | 1.09199 | 1.20689 | 1.33385 | 1.47416 | 1.62921 | 1.80055 | 1.9899 | 2.19915 | 2.4304 | 2.68594 | 2.96833 |
| 0.09 | 1.09308 | 1.2081 | 1.33519 | 1.47563 | 1.63084 | 1.80235 | 1.99189 | 2.20136 | 2.43283 | 2.68863 | 2.9713 |
| 0.091 | 1.09417 | 1.2093 | 1.33652 | 1.47711 | 1.63247 | 1.80416 | 1.99389 | 2.20356 | 2.43526 | 2.69132 | 2.97427 |
| 0.092 | 1.09527 | 1.21051 | 1.33786 | 1.47859 | 1.6341 | 1.80596 | 1.99588 | 2.20576 | 2.4377 | 2.69401 | 2.97725 |
| 0.093 | 1.09636 | 1.21173 | 1.3392 | 1.48007 | 1.63574 | 1.80777 | 1.99788 | 2.20797 | 2.44014 | 2.69671 | 2.98023 |
| 0.094 | 1.09746 | 1.21294 | 1.34054 | 1.48155 | 1.63738 | 1.80958 | 1.99988 | 2.21018 | 2.44258 | 2.6994 | 2.98321 |
| 0.095 | 1.09856 | 1.21415 | 1.34188 | 1.48303 | 1.63902 | 1.81139 | 2.00188 | 2.21239 | 2.44503 | 2.70211 | 2.98619 |
| 0.096 | 1.09966 | 1.21537 | 1.34323 | 1.48452 | 1.64066 | 1.81321 | 2.00389 | 2.21461 | 2.44747 | 2.70481 | 2.98918 |
| 0.097 | 1.10076 | 1.21658 | 1.34457 | 1.48601 | 1.6423 | 1.81502 | 2.00589 | 2.21683 | 2.44992 | 2.70752 | 2.99217 |
| 0.098 | 1.10186 | 1.2178 | 1.34592 | 1.48749 | 1.64394 | 1.81684 | 2.0079 | 2.21904 | 2.45238 | 2.71023 | 2.99517 |
| 0.099 | 1.10296 | 1.21902 | 1.34727 | 1.48898 | 1.64559 | 1.81866 | 2.00991 | 2.22127 | 2.45483 | 2.71294 | 2.99816 |
| 0.1 | 1.10407 | 1.22024 | 1.34861 | 1.49047 | 1.64724 | 1.82048 | 2.01192 | 2.22349 | 2.45729 | 2.71565 | 3.00116 |
| 0.101 | 1.10517 | 1.22146 | 1.34996 | 1.49196 | 1.64889 | 1.8223 | 2.01394 | 2.22571 | 2.45975 | 2.71837 | 3.00417 |

| t\x | 0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.001 | 1 | 1.10517 | 1.2214 | 1.34986 | 1.49182 | 1.64872 | 1.82212 | 2.01375 | 2.22554 | 2.4596 | 2.71828 |
| 0.002 | 1.001 | 1.10628 | 1.22263 | 1.35121 | 1.49332 | 1.65037 | 1.82394 | 2.01577 | 2.22777 | 2.46207 | 2.721 |
| 0.003 | 1.002 | 1.10739 | 1.22385 | 1.35256 | 1.49482 | 1.65203 | 1.82577 | 2.01779 | 2.23 | 2.46453 | 2.72372 |
| 0.004 | 1.003 | 1.1085 | 1.22508 | 1.35392 | 1.49631 | 1.65368 | 1.8276 | 2.01981 | 2.23224 | 2.467 | 2.72645 |
| 0.005 | 1.00401 | 1.10961 | 1.2263 | 1.35528 | 1.49781 | 1.65534 | 1.82943 | 2.02183 | 2.23447 | 2.46947 | 2.72918 |
| 0.006 | 1.00501 | 1.11072 | 1.22753 | 1.35663 | 1.49931 | 1.657 | 1.83126 | 2.02386 | 2.23671 | 2.47194 | 2.73191 |
| 0.007 | 1.00602 | 1.11183 | 1.22876 | 1.35799 | 1.50081 | 1.65866 | 1.8331 | 2.02589 | 2.23895 | 2.47442 | 2.73464 |
| 0.008 | 1.00702 | 1.11294 | 1.22999 | 1.35935 | 1.50232 | 1.66032 | 1.83494 | 2.02792 | 2.24119 | 2.4769 | 2.73738 |
| 0.009 | 1.00803 | 1.11406 | 1.23123 | 1.36072 | 1.50382 | 1.66198 | 1.83677 | 2.02995 | 2.24344 | 2.47938 | 2.74012 |
| 0.01 | 1.00904 | 1.11517 | 1.23246 | 1.36208 | 1.50533 | 1.66365 | 1.83861 | 2.03198 | 2.24569 | 2.48186 | 2.74286 |
| 0.011 | 1.01005 | 1.11629 | 1.23369 | 1.36344 | 1.50684 | 1.66531 | 1.84046 | 2.03402 | 2.24794 | 2.48434 | 2.7456 |
| 0.012 | 1.01106 | 1.11741 | 1.23493 | 1.36481 | 1.50835 | 1.66698 | 1.8423 | 2.03606 | 2.25019 | 2.48683 | 2.74835 |
| 0.013 | 1.01207 | 1.11853 | 1.23617 | 1.36618 | 1.50986 | 1.66865 | 1.84415 | 2.03809 | 2.25244 | 2.48932 | 2.7511 |
| 0.014 | 1.01308 | 1.11965 | 1.2374 | 1.36754 | 1.51137 | 1.67032 | 1.84599 | 2.04014 | 2.2547 | 2.49181 | 2.75385 |
| 0.015 | 1.0141 | 1.12077 | 1.23864 | 1.36891 | 1.51289 | 1.672 | 1.84784 | 2.04218 | 2.25695 | 2.49431 | 2.75661 |
| 0.016 | 1.01511 | 1.12189 | 1.23988 | 1.37029 | 1.5144 | 1.67367 | 1.84969 | 2.04423 | 2.25921 | 2.4968 | 2.75936 |
| 0.017 | 1.01613 | 1.12301 | 1.24113 | 1.37166 | 1.51592 | 1.67535 | 1.85155 | 2.04627 | 2.26148 | 2.4993 | 2.76212 |
| 0.018 | 1.01715 | 1.12414 | 1.24237 | 1.37303 | 1.51744 | 1.67703 | 1.8534 | 2.04832 | 2.26374 | 2.50181 | 2.76489 |
| 0.019 | 1.01816 | 1.12526 | 1.24361 | 1.37441 | 1.51896 | 1.67871 | 1.85526 | 2.05037 | 2.26601 | 2.50431 | 2.76765 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.02 | 1.01918 | 1.12639 | 1.24486 | 1.37578 | 1.52048 | 1.68039 | 1.85712 | 2.05243 | 2.26828 | 2.50682 | 2.77042 |
| 0.021 | 1.0202 | 1.12752 | 1.24611 | 1.37716 | 1.522 | 1.68207 | 1.85898 | 2.05448 | 2.27055 | 2.50933 | 2.77319 |
| 0.022 | 1.02122 | 1.12864 | 1.24735 | 1.37854 | 1.52353 | 1.68376 | 1.86084 | 2.05654 | 2.27282 | 2.51184 | 2.77597 |
| 0.023 | 1.02224 | 1.12977 | 1.2486 | 1.37992 | 1.52505 | 1.68544 | 1.8627 | 2.0586 | 2.2751 | 2.51435 | 2.77875 |
| 0.024 | 1.02327 | 1.1309 | 1.24985 | 1.38131 | 1.52658 | 1.68713 | 1.86457 | 2.06066 | 2.27738 | 2.51687 | 2.78153 |
| 0.025 | 1.02429 | 1.13204 | 1.2511 | 1.38269 | 1.52811 | 1.68882 | 1.86644 | 2.06273 | 2.27966 | 2.51939 | 2.78431 |
| 0.026 | 1.02532 | 1.13317 | 1.25236 | 1.38407 | 1.52964 | 1.69051 | 1.86831 | 2.06479 | 2.28194 | 2.52191 | 2.7871 |
| 0.027 | 1.02634 | 1.1343 | 1.25361 | 1.38546 | 1.53117 | 1.69221 | 1.87018 | 2.06686 | 2.28422 | 2.52443 | 2.78988 |
| 0.028 | 1.02737 | 1.13544 | 1.25487 | 1.38685 | 1.53271 | 1.6939 | 1.87205 | 2.06893 | 2.28651 | 2.52696 | 2.79268 |
| 0.029 | 1.0284 | 1.13658 | 1.25612 | 1.38824 | 1.53424 | 1.6956 | 1.87393 | 2.071 | 2.2888 | 2.52949 | 2.79547 |
| 0.03 | 1.02942 | 1.13771 | 1.25738 | 1.38963 | 1.53578 | 1.6973 | 1.8758 | 2.07308 | 2.29109 | 2.53202 | 2.79827 |
| 0.031 | 1.03045 | 1.13885 | 1.25864 | 1.39102 | 1.53732 | 1.699 | 1.87768 | 2.07515 | 2.29338 | 2.53455 | 2.80107 |
| 0.032 | 1.03149 | 1.13999 | 1.2599 | 1.39241 | 1.53886 | 1.7007 | 1.87956 | 2.07723 | 2.29568 | 2.53709 | 2.80387 |
| 0.033 | 1.03252 | 1.14113 | 1.26116 | 1.39381 | 1.5404 | 1.7024 | 1.88144 | 2.07931 | 2.29798 | 2.53963 | 2.80667 |
| 0.034 | 1.03355 | 1.14228 | 1.26243 | 1.3952 | 1.54194 | 1.70411 | 1.88333 | 2.08139 | 2.30028 | 2.54217 | 2.80948 |
| 0.035 | 1.03458 | 1.14342 | 1.26369 | 1.3966 | 1.54349 | 1.70582 | 1.88522 | 2.08348 | 2.30258 | 2.54472 | 2.81229 |
| 0.036 | 1.03562 | 1.14456 | 1.26496 | 1.398 | 1.54503 | 1.70752 | 1.8871 | 2.08556 | 2.30489 | 2.54726 | 2.81511 |
| 0.037 | 1.03666 | 1.14571 | 1.26622 | 1.3994 | 1.54658 | 1.70923 | 1.88899 | 2.08765 | 2.3072 | 2.54981 | 2.81792 |
| 0.038 | 1.03769 | 1.14686 | 1.26749 | 1.4008 | 1.54813 | 1.71095 | 1.89089 | 2.08974 | 2.3095 | 2.55236 | 2.82074 |
| 0.039 | 1.03873 | 1.14801 | 1.26876 | 1.4022 | 1.54968 | 1.71266 | 1.89278 | 2.09184 | 2.31182 | 2.55492 | 2.82356 |
| 0.04 | 1.03977 | 1.14915 | 1.27003 | 1.40361 | 1.55123 | 1.71438 | 1.89467 | 2.09393 | 2.31413 | 2.55748 | 2.82639 |
| 0.041 | 1.04081 | 1.1503 | 1.2713 | 1.40501 | 1.55279 | 1.71609 | 1.89657 | 2.09603 | 2.31645 | 2.56003 | 2.82922 |
| 0.042 | 1.04185 | 1.15146 | 1.27257 | 1.40642 | 1.55434 | 1.71781 | 1.89847 | 2.09813 | 2.31877 | 2.5626 | 2.83205 |
| 0.043 | 1.04289 | 1.15261 | 1.27385 | 1.40783 | 1.5559 | 1.71953 | 1.90037 | 2.10023 | 2.32109 | 2.56516 | 2.83488 |
| 0.044 | 1.04394 | 1.15376 | 1.27512 | 1.40924 | 1.55746 | 1.72125 | 1.90228 | 2.10233 | 2.32341 | 2.56773 | 2.83772 |
| 0.045 | 1.04498 | 1.15492 | 1.2764 | 1.41065 | 1.55902 | 1.72298 | 1.90418 | 2.10443 | 2.32574 | 2.5703 | 2.84056 |
| 0.046 | 1.04603 | 1.15607 | 1.27768 | 1.41206 | 1.56058 | 1.7247 | 1.90609 | 2.10654 | 2.32807 | 2.57287 | 2.8434 |
| 0.047 | 1.04707 | 1.15723 | 1.27896 | 1.41348 | 1.56214 | 1.72643 | 1.908 | 2.10865 | 2.3304 | 2.57545 | 2.84624 |
| 0.048 | 1.04812 | 1.15839 | 1.28024 | 1.41489 | 1.5637 | 1.72816 | 1.90991 | 2.11076 | 2.33273 | 2.57802 | 2.84909 |
| 0.049 | 1.04917 | 1.15955 | 1.28152 | 1.41631 | 1.56527 | 1.72989 | 1.91182 | 2.11287 | 2.33506 | 2.5806 | 2.85194 |
| 0.05 | 1.05022 | 1.16071 | 1.2828 | 1.41773 | 1.56684 | 1.73162 | 1.91373 | 2.11499 | 2.3374 | 2.58319 | 2.85479 |
| 0.051 | 1.05127 | 1.16187 | 1.28409 | 1.41915 | 1.56841 | 1.73336 | 1.91565 | 2.11711 | 2.33974 | 2.58577 | 2.85765 |
| 0.052 | 1.05232 | 1.16303 | 1.28537 | 1.42057 | 1.56998 | 1.73509 | 1.91757 | 2.11923 | 2.34208 | 2.58836 | 2.86051 |
| 0.053 | 1.05338 | 1.1642 | 1.28666 | 1.42199 | 1.57155 | 1.73683 | 1.91949 | 2.12135 | 2.34443 | 2.59095 | 2.86337 |
| 0.054 | 1.05443 | 1.16536 | 1.28795 | 1.42342 | 1.57312 | 1.73857 | 1.92141 | 2.12347 | 2.34677 | 2.59354 | 2.86624 |
| 0.055 | 1.05548 | 1.16653 | 1.28924 | 1.42484 | 1.5747 | 1.74031 | 1.92334 | 2.1256 | 2.34912 | 2.59614 | 2.8691 |
| 0.056 | 1.05654 | 1.1677 | 1.29053 | 1.42627 | 1.57628 | 1.74206 | 1.92526 | 2.12773 | 2.35147 | 2.59873 | 2.87198 |
| 0.057 | 1.0576 | 1.16887 | 1.29182 | 1.4277 | 1.57786 | 1.7438 | 1.92719 | 2.12986 | 2.35383 | 2.60134 | 2.87485 |
| 0.058 | 1.05866 | 1.17004 | 1.29311 | 1.42913 | 1.57944 | 1.74555 | 1.92912 | 2.13199 | 2.35618 | 2.60394 | 2.87772 |
| 0.059 | 1.05971 | 1.17121 | 1.29441 | 1.43056 | 1.58102 | 1.74729 | 1.93105 | 2.13412 | 2.35854 | 2.60654 | 2.8806 |
| 0.06 | 1.06078 | 1.17238 | 1.2957 | 1.43199 | 1.5826 | 1.74904 | 1.93298 | 2.13626 | 2.3609 | 2.60915 | 2.88349 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.061 | 1.06184 | 1.17355 | 1.297 | 1.43342 | 1.58419 | 1.7508 | 1.93492 | 2.1384 | 2.36327 | 2.61176 | 2.88637 |
| 0.062 | 1.0629 | 1.17473 | 1.2983 | 1.43486 | 1.58577 | 1.75255 | 1.93686 | 2.14054 | 2.36563 | 2.61438 | 2.88926 |
| 0.063 | 1.06396 | 1.1759 | 1.2996 | 1.4363 | 1.58736 | 1.7543 | 1.9388 | 2.14268 | 2.368 | 2.61699 | 2.89215 |
| 0.064 | 1.06503 | 1.17708 | 1.3009 | 1.43773 | 1.58895 | 1.75606 | 1.94074 | 2.14483 | 2.37037 | 2.61961 | 2.89504 |
| 0.065 | 1.06609 | 1.17826 | 1.3022 | 1.43917 | 1.59054 | 1.75782 | 1.94268 | 2.14698 | 2.37274 | 2.62223 | 2.89794 |
| 0.066 | 1.06716 | 1.17944 | 1.30351 | 1.44062 | 1.59213 | 1.75958 | 1.94463 | 2.14912 | 2.37512 | 2.62486 | 2.90084 |
| 0.067 | 1.06823 | 1.18062 | 1.30481 | 1.44206 | 1.59373 | 1.76134 | 1.94657 | 2.15128 | 2.37749 | 2.62748 | 2.90374 |
| 0.068 | 1.0693 | 1.1818 | 1.30612 | 1.4435 | 1.59532 | 1.7631 | 1.94852 | 2.15343 | 2.37987 | 2.63011 | 2.90665 |
| 0.069 | 1.07037 | 1.18298 | 1.30743 | 1.44495 | 1.59692 | 1.76487 | 1.95047 | 2.15559 | 2.38226 | 2.63275 | 2.90955 |
| 0.07 | 1.07144 | 1.18417 | 1.30874 | 1.44639 | 1.59852 | 1.76664 | 1.95243 | 2.15774 | 2.38464 | 2.63538 | 2.91247 |
| 0.071 | 1.07251 | 1.18535 | 1.31005 | 1.44784 | 1.60012 | 1.76841 | 1.95438 | 2.1599 | 2.38703 | 2.63802 | 2.91538 |
| 0.072 | 1.07358 | 1.18654 | 1.31136 | 1.44929 | 1.60172 | 1.77018 | 1.95634 | 2.16207 | 2.38942 | 2.64066 | 2.9183 |
| 0.073 | 1.07466 | 1.18772 | 1.31267 | 1.45074 | 1.60333 | 1.77195 | 1.9583 | 2.16423 | 2.39181 | 2.6433 | 2.92122 |
| 0.074 | 1.07573 | 1.18891 | 1.31398 | 1.4522 | 1.60493 | 1.77372 | 1.96026 | 2.1664 | 2.3942 | 2.64594 | 2.92414 |
| 0.075 | 1.07681 | 1.1901 | 1.3153 | 1.45365 | 1.60654 | 1.7755 | 1.96222 | 2.16857 | 2.3966 | 2.64859 | 2.92706 |
| 0.076 | 1.07788 | 1.19129 | 1.31662 | 1.4551 | 1.60815 | 1.77728 | 1.96418 | 2.17074 | 2.399 | 2.65124 | 2.92999 |
| 0.077 | 1.07896 | 1.19249 | 1.31793 | 1.45656 | 1.60976 | 1.77906 | 1.96615 | 2.17291 | 2.4014 | 2.6539 | 2.93292 |
| 0.078 | 1.08004 | 1.19368 | 1.31925 | 1.45802 | 1.61137 | 1.78084 | 1.96812 | 2.17508 | 2.4038 | 2.65655 | 2.93586 |
| 0.079 | 1.08112 | 1.19488 | 1.32057 | 1.45948 | 1.61298 | 1.78262 | 1.97009 | 2.17726 | 2.40621 | 2.65921 | 2.9388 |
| 0.08 | 1.0822 | 1.19607 | 1.3219 | 1.46094 | 1.6146 | 1.78441 | 1.97206 | 2.17944 | 2.40861 | 2.66187 | 2.94174 |
| 0.081 | 1.08329 | 1.19727 | 1.32322 | 1.4624 | 1.61621 | 1.78619 | 1.97404 | 2.18162 | 2.41103 | 2.66453 | 2.94468 |
| 0.082 | 1.08437 | 1.19847 | 1.32454 | 1.46387 | 1.61783 | 1.78798 | 1.97601 | 2.18381 | 2.41344 | 2.6672 | 2.94763 |
| 0.083 | 1.08546 | 1.19967 | 1.32587 | 1.46533 | 1.61945 | 1.78977 | 1.97799 | 2.18599 | 2.41585 | 2.66987 | 2.95057 |
| 0.084 | 1.08654 | 1.20087 | 1.3272 | 1.4668 | 1.62107 | 1.79156 | 1.97997 | 2.18818 | 2.41827 | 2.67254 | 2.95353 |
| 0.085 | 1.08763 | 1.20207 | 1.32853 | 1.46827 | 1.6227 | 1.79336 | 1.98195 | 2.19037 | 2.42069 | 2.67522 | 2.95648 |
| 0.086 | 1.08872 | 1.20327 | 1.32986 | 1.46974 | 1.62432 | 1.79515 | 1.98394 | 2.19256 | 2.42311 | 2.67789 | 2.95944 |
| 0.087 | 1.08981 | 1.20448 | 1.33119 | 1.47121 | 1.62595 | 1.79695 | 1.98592 | 2.19476 | 2.42554 | 2.68057 | 2.9624 |
| 0.088 | 1.0909 | 1.20568 | 1.33252 | 1.47268 | 1.62758 | 1.79875 | 1.98791 | 2.19695 | 2.42797 | 2.68325 | 2.96536 |
| 0.089 | 1.09199 | 1.20689 | 1.33385 | 1.47416 | 1.62921 | 1.80055 | 1.9899 | 2.19915 | 2.4304 | 2.68594 | 2.96833 |
| 0.09 | 1.09308 | 1.2081 | 1.33519 | 1.47563 | 1.63084 | 1.80235 | 1.99189 | 2.20136 | 2.43283 | 2.68863 | 2.9713 |
| 0.091 | 1.09417 | 1.2093 | 1.33652 | 1.47711 | 1.63247 | 1.80416 | 1.99389 | 2.20356 | 2.43526 | 2.69132 | 2.97427 |
| 0.092 | 1.09527 | 1.21051 | 1.33786 | 1.47859 | 1.6341 | 1.80596 | 1.99588 | 2.20576 | 2.4377 | 2.69401 | 2.97725 |
| 0.093 | 1.09636 | 1.21173 | 1.3392 | 1.48007 | 1.63574 | 1.80777 | 1.99788 | 2.20797 | 2.44014 | 2.69671 | 2.98023 |
| 0.094 | 1.09746 | 1.21294 | 1.34054 | 1.48155 | 1.63738 | 1.80958 | 1.99988 | 2.21018 | 2.44258 | 2.6994 | 2.98321 |
| 0.095 | 1.09856 | 1.21415 | 1.34188 | 1.48303 | 1.63902 | 1.81139 | 2.00188 | 2.21239 | 2.44503 | 2.70211 | 2.98619 |
| 0.096 | 1.09966 | 1.21537 | 1.34323 | 1.48452 | 1.64066 | 1.81321 | 2.00389 | 2.21461 | 2.44747 | 2.70481 | 2.98918 |
| 0.097 | 1.10076 | 1.21658 | 1.34457 | 1.48601 | 1.6423 | 1.81502 | 2.00589 | 2.21683 | 2.44992 | 2.70752 | 2.99217 |
| 0.098 | 1.10186 | 1.2178 | 1.34592 | 1.48749 | 1.64394 | 1.81684 | 2.0079 | 2.21904 | 2.45238 | 2.71023 | 2.99517 |
| 0.099 | 1.10296 | 1.21902 | 1.34727 | 1.48898 | 1.64559 | 1.81866 | 2.00991 | 2.22127 | 2.45483 | 2.71294 | 2.99816 |
| 0.1 | 1.10407 | 1.22024 | 1.34861 | 1.49047 | 1.64724 | 1.82048 | 2.01192 | 2.22349 | 2.45729 | 2.71565 | 3.00116 |
| 0.101 | 1.10517 | 1.22146 | 1.34996 | 1.49196 | 1.64889 | 1.8223 | 2.01394 | 2.22571 | 2.45975 | 2.71837 | 3.00417 |

| 0.102 | 1.10628 | 1.22268 | 1.35131 | 1.49346 | 1.65054 | 1.82412 | 2.01595 | 2.22794 | 2.46221 | 2.72109 | 3.00717 |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.103 | 1.10738 | 1.22391 | 1.35267 | 1.49495 | 1.65219 | 1.82595 | 2.01797 | 2.23017 | 2.46467 | 2.72381 | 3.01018 |
| 0.104 | 1.10849 | 1.22513 | 1.35402 | 1.49645 | 1.65384 | 1.82778 | 2.01999 | 2.2324 | 2.46714 | 2.72654 | 3.01319 |
| 0.105 | 1.1096 | 1.22636 | 1.35538 | 1.49795 | 1.6555 | 1.82961 | 2.02201 | 2.23464 | 2.46961 | 2.72927 | 3.01621 |
| 0.106 | 1.11071 | 1.22759 | 1.35673 | 1.49945 | 1.65716 | 1.83144 | 2.02404 | 2.23687 | 2.47208 | 2.732 | 3.01922 |
| 0.107 | 1.11182 | 1.22881 | 1.35809 | 1.50095 | 1.65882 | 1.83327 | 2.02606 | 2.23911 | 2.47455 | 2.73473 | 3.02225 |
| 0.108 | 1.11293 | 1.23004 | 1.35945 | 1.50245 | 1.66048 | 1.83511 | 2.02809 | 2.24135 | 2.47703 | 2.73747 | 3.02527 |
| 0.109 | 1.11405 | 1.23127 | 1.36081 | 1.50396 | 1.66214 | 1.83694 | 2.03012 | 2.2436 | 2.47951 | 2.74021 | 3.0283 |
| 0.11 | 1.11516 | 1.23251 | 1.36217 | 1.50546 | 1.6638 | 1.83878 | 2.03215 | 2.24584 | 2.48199 | 2.74295 | 3.03133 |
| 0.111 | 1.11628 | 1.23374 | 1.36354 | 1.50697 | 1.66547 | 1.84062 | 2.03419 | 2.24809 | 2.48447 | 2.74569 | 3.03436 |
| 0.112 | 1.11739 | 1.23498 | 1.3649 | 1.50848 | 1.66714 | 1.84247 | 2.03622 | 2.25034 | 2.48696 | 2.74844 | 3.03739 |
| 0.113 | 1.11851 | 1.23621 | 1.36627 | 1.50999 | 1.6688 | 1.84431 | 2.03826 | 2.25259 | 2.48945 | 2.75119 | 3.04043 |
| 0.114 | 1.11963 | 1.23745 | 1.36764 | 1.5115 | 1.67047 | 1.84616 | 2.0403 | 2.25485 | 2.49194 | 2.75394 | 3.04348 |
| 0.115 | 1.12075 | 1.23869 | 1.369 | 1.51301 | 1.67215 | 1.84801 | 2.04234 | 2.2571 | 2.49443 | 2.7567 | 3.04652 |
| 0.116 | 1.12187 | 1.23993 | 1.37037 | 1.51453 | 1.67382 | 1.84986 | 2.04439 | 2.25936 | 2.49693 | 2.75946 | 3.04957 |
| 0.117 | 1.123 | 1.24117 | 1.37175 | 1.51604 | 1.6755 | 1.85171 | 2.04643 | 2.26162 | 2.49943 | 2.76222 | 3.05262 |
| 0.118 | 1.12412 | 1.24241 | 1.37312 | 1.51756 | 1.67717 | 1.85356 | 2.04848 | 2.26389 | 2.50193 | 2.76498 | 3.05567 |
| 0.119 | 1.12524 | 1.24365 | 1.37449 | 1.51908 | 1.67885 | 1.85542 | 2.05053 | 2.26615 | 2.50443 | 2.76775 | 3.05873 |
| 0.12 | 1.12637 | 1.2449 | 1.37587 | 1.5206 | 1.68053 | 1.85727 | 2.05259 | 2.26842 | 2.50694 | 2.77052 | 3.06179 |
| 0.121 | 1.1275 | 1.24614 | 1.37725 | 1.52212 | 1.68222 | 1.85913 | 2.05464 | 2.27069 | 2.50945 | 2.77329 | 3.06485 |
| 0.122 | 1.12862 | 1.24739 | 1.37862 | 1.52364 | 1.6839 | 1.86099 | 2.0567 | 2.27296 | 2.51196 | 2.77606 | 3.06792 |
| 0.123 | 1.12975 | 1.24864 | 1.38 | 1.52517 | 1.68558 | 1.86286 | 2.05876 | 2.27524 | 2.51447 | 2.77884 | 3.07099 |
| 0.124 | 1.13088 | 1.24989 | 1.38139 | 1.5267 | 1.68727 | 1.86472 | 2.06082 | 2.27752 | 2.51699 | 2.78162 | 3.07406 |
| 0.125 | 1.13202 | 1.25114 | 1.38277 | 1.52822 | 1.68896 | 1.86659 | 2.06288 | 2.2798 | 2.51951 | 2.78441 | 3.07714 |
| 0.126 | 1.13315 | 1.25239 | 1.38415 | 1.52975 | 1.69065 | 1.86846 | 2.06494 | 2.28208 | 2.52203 | 2.78719 | 3.08022 |
| 0.127 | 1.13428 | 1.25364 | 1.38554 | 1.53128 | 1.69234 | 1.87033 | 2.06701 | 2.28436 | 2.52455 | 2.78998 | 3.0833 |
| 0.128 | 1.13542 | 1.2549 | 1.38692 | 1.53282 | 1.69404 | 1.8722 | 2.06908 | 2.28665 | 2.52708 | 2.79277 | 3.08638 |
| 0.129 | 1.13655 | 1.25615 | 1.38831 | 1.53435 | 1.69573 | 1.87407 | 2.07115 | 2.28894 | 2.52961 | 2.79557 | 3.08947 |
| 0.13 | 1.13769 | 1.25741 | 1.3897 | 1.53589 | 1.69743 | 1.87595 | 2.07322 | 2.29123 | 2.53214 | 2.79836 | 3.09256 |
| 0.131 | 1.13883 | 1.25867 | 1.39109 | 1.53742 | 1.69913 | 1.87783 | 2.0753 | 2.29352 | 2.53467 | 2.80116 | 3.09566 |
| 0.132 | 1.13997 | 1.25993 | 1.39248 | 1.53896 | 1.70083 | 1.8797 | 2.07737 | 2.29582 | 2.53721 | 2.80397 | 3.09875 |
| 0.133 | 1.14111 | 1.26119 | 1.39388 | 1.5405 | 1.70253 | 1.88159 | 2.07945 | 2.29811 | 2.53975 | 2.80677 | 3.10185 |
| 0.134 | 1.14225 | 1.26245 | 1.39527 | 1.54205 | 1.70424 | 1.88347 | 2.08154 | 2.30041 | 2.54229 | 2.80958 | 3.10496 |
| 0.135 | 1.14339 | 1.26371 | 1.39667 | 1.54359 | 1.70594 | 1.88535 | 2.08362 | 2.30272 | 2.54483 | 2.81239 | 3.10806 |
| 0.136 | 1.14454 | 1.26498 | 1.39807 | 1.54513 | 1.70765 | 1.88724 | 2.0857 | 2.30502 | 2.54738 | 2.81521 | 3.11117 |
| 0.137 | 1.14568 | 1.26625 | 1.39947 | 1.54668 | 1.70936 | 1.88913 | 2.08779 | 2.30733 | 2.54993 | 2.81802 | 3.11429 |
| 0.138 | 1.14683 | 1.26751 | 1.40087 | 1.54823 | 1.71107 | 1.89102 | 2.08988 | 2.30964 | 2.55248 | 2.82084 | 3.1174 |
| 0.139 | 1.14798 | 1.26878 | 1.40227 | 1.54978 | 1.71278 | 1.89291 | 2.09197 | 2.31195 | 2.55504 | 2.82367 | 3.12052 |
| 0.14 | 1.14912 | 1.27005 | 1.40367 | 1.55133 | 1.7145 | 1.89481 | 2.09407 | 2.31426 | 2.55759 | 2.82649 | 3.12364 |
| 0.141 | 1.15027 | 1.27132 | 1.40508 | 1.55288 | 1.71621 | 1.89671 | 2.09616 | 2.31658 | 2.56015 | 2.82932 | 3.12677 |
| 0.142 | 1.15142 | 1.27259 | 1.40648 | 1.55444 | 1.71793 | 1.8986 | 2.09826 | 2.31889 | 2.56271 | 2.83215 | 3.1299 |

| 0.143 | 1.15258 | 1.27387 | 1.40789 | 1.55599 | 1.71965 | 1.9005 | 2.10036 | 2.32122 | 2.56528 | 2.83498 | 3.13303 |
|-------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|
| 0.144 | 1.15373 | 1.27514 | 1.4093 | 1.55755 | 1.72137 | 1.90241 | 2.10246 | 2.32354 | 2.56784 | 2.83782 | 3.13616 |
| 0.145 | 1.15488 | 1.27642 | 1.41071 | 1.55911 | 1.72309 | 1.90431 | 2.10457 | 2.32586 | 2.57041 | 2.84066 | 3.1393 |
| 0.146 | 1.15604 | 1.27769 | 1.41212 | 1.56067 | 1.72482 | 1.90622 | 2.10667 | 2.32819 | 2.57299 | 2.8435 | 3.14244 |
| 0.147 | 1.1572 | 1.27897 | 1.41354 | 1.56223 | 1.72655 | 1.90812 | 2.10878 | 2.33052 | 2.57556 | 2.84635 | 3.14559 |
| 0.148 | 1.15835 | 1.28025 | 1.41495 | 1.56379 | 1.72827 | 1.91003 | 2.11089 | 2.33285 | 2.57814 | 2.8492 | 3.14873 |
| 0.149 | 1.15951 | 1.28153 | 1.41637 | 1.56536 | 1.73 | 1.91195 | 2.113 | 2.33519 | 2.58072 | 2.85205 | 3.15188 |
| 0.15 | 1.16067 | 1.28282 | 1.41778 | 1.56693 | 1.73174 | 1.91386 | 2.11512 | 2.33752 | 2.5833 | 2.8549 | 3.15504 |
| 0.151 | 1.16183 | 1.2841 | 1.4192 | 1.56849 | 1.73347 | 1.91577 | 2.11724 | 2.33986 | 2.58589 | 2.85776 | 3.15819 |
| 0.152 | 1.163 | 1.28539 | 1.42062 | 1.57006 | 1.7352 | 1.91769 | 2.11935 | 2.34221 | 2.58847 | 2.86062 | 3.16135 |
| 0.153 | 1.16416 | 1.28667 | 1.42204 | 1.57164 | 1.73694 | 1.91961 | 2.12148 | 2.34455 | 2.59106 | 2.86348 | 3.16452 |
| 0.154 | 1.16532 | 1.28796 | 1.42347 | 1.57321 | 1.73868 | 1.92153 | 2.1236 | 2.3469 | 2.59366 | 2.86634 | 3.16768 |
| 0.155 | 1.16649 | 1.28925 | 1.42489 | 1.57478 | 1.74042 | 1.92346 | 2.12572 | 2.34924 | 2.59625 | 2.86921 | 3.17085 |
| 0.156 | 1.16766 | 1.29054 | 1.42632 | 1.57636 | 1.74216 | 1.92538 | 2.12785 | 2.3516 | 2.59885 | 2.87208 | 3.17402 |
| 0.157 | 1.16883 | 1.29183 | 1.42775 | 1.57794 | 1.7439 | 1.92731 | 2.12998 | 2.35395 | 2.60145 | 2.87496 | 3.1772 |
| 0.158 | 1.17 | 1.29312 | 1.42917 | 1.57952 | 1.74565 | 1.92924 | 2.13211 | 2.3563 | 2.60405 | 2.87783 | 3.18038 |
| 0.159 | 1.17117 | 1.29442 | 1.43061 | 1.5811 | 1.7474 | 1.93117 | 2.13425 | 2.35866 | 2.60666 | 2.88071 | 3.18356 |
| 0.16 | 1.17234 | 1.29571 | 1.43204 | 1.58268 | 1.74915 | 1.9331 | 2.13638 | 2.36102 | 2.60927 | 2.88359 | 3.18674 |
| 0.161 | 1.17351 | 1.29701 | 1.43347 | 1.58426 | 1.7509 | 1.93503 | 2.13852 | 2.36339 | 2.61188 | 2.88648 | 3.18993 |
| 0.162 | 1.17468 | 1.29831 | 1.4349 | 1.58585 | 1.75265 | 1.93697 | 2.14066 | 2.36575 | 2.61449 | 2.88937 | 3.19312 |
| 0.163 | 1.17586 | 1.2996 | 1.43634 | 1.58744 | 1.7544 | 1.93891 | 2.1428 | 2.36812 | 2.61711 | 2.89226 | 3.19632 |
| 0.164 | 1.17704 | 1.30091 | 1.43778 | 1.58902 | 1.75616 | 1.94085 | 2.14495 | 2.37049 | 2.61973 | 2.89515 | 3.19952 |
| 0.165 | 1.17821 | 1.30221 | 1.43922 | 1.59061 | 1.75792 | 1.94279 | 2.14709 | 2.37286 | 2.62235 | 2.89805 | 3.20272 |
| 0.166 | 1.17939 | 1.30351 | 1.44066 | 1.59221 | 1.75968 | 1.94474 | 2.14924 | 2.37523 | 2.62497 | 2.90095 | 3.20592 |
| 0.167 | 1.18057 | 1.30481 | 1.4421 | 1.5938 | 1.76144 | 1.94668 | 2.15139 | 2.37761 | 2.6276 | 2.90385 | 3.20913 |
| 0.168 | 1.18175 | 1.30612 | 1.44354 | 1.5954 | 1.7632 | 1.94863 | 2.15355 | 2.37999 | 2.63023 | 2.90676 | 3.21234 |
| 0.169 | 1.18294 | 1.30743 | 1.44499 | 1.59699 | 1.76496 | 1.95058 | 2.1557 | 2.38237 | 2.63286 | 2.90967 | 3.21556 |
| 0.17 | 1.18412 | 1.30873 | 1.44643 | 1.59859 | 1.76673 | 1.95253 | 2.15786 | 2.38476 | 2.63549 | 2.91258 | 3.21877 |
| 0.171 | 1.1853 | 1.31004 | 1.44788 | 1.60019 | 1.7685 | 1.95449 | 2.16002 | 2.38714 | 2.63813 | 2.91549 | 3.22199 |
| 0.172 | 1.18649 | 1.31136 | 1.44933 | 1.60179 | 1.77027 | 1.95644 | 2.16218 | 2.38953 | 2.64077 | 2.91841 | 3.22522 |
| 0.173 | 1.18768 | 1.31267 | 1.45078 | 1.60339 | 1.77204 | 1.9584 | 2.16434 | 2.39192 | 2.64341 | 2.92133 | 3.22844 |
| 0.174 | 1.18887 | 1.31398 | 1.45223 | 1.605 | 1.77381 | 1.96036 | 2.16651 | 2.39432 | 2.64606 | 2.92425 | 3.23167 |
| 0.175 | 1.19006 | 1.3153 | 1.45368 | 1.60661 | 1.77559 | 1.96232 | 2.16868 | 2.39671 | 2.64871 | 2.92718 | 3.23491 |
| 0.176 | 1.19125 | 1.31661 | 1.45514 | 1.60821 | 1.77737 | 1.96429 | 2.17085 | 2.39911 | 2.65136 | 2.93011 | 3.23814 |
| 0.177 | 1.19244 | 1.31793 | 1.4566 | 1.60982 | 1.77914 | 1.96625 | 2.17302 | 2.40151 | 2.65401 | 2.93304 | 3.24138 |
| 0.178 | 1.19363 | 1.31925 | 1.45805 | 1.61143 | 1.78092 | 1.96822 | 2.17519 | 2.40391 | 2.65666 | 2.93597 | 3.24463 |
| 0.179 | 1.19483 | 1.32057 | 1.45951 | 1.61305 | 1.78271 | 1.97019 | 2.17737 | 2.40632 | 2.65932 | 2.93891 | 3.24787 |
| 0.18 | 1.19602 | 1.32189 | 1.46097 | 1.61466 | 1.78449 | 1.97216 | 2.17955 | 2.40873 | 2.66198 | 2.94185 | 3.25112 |
| 0.181 | 1.19722 | 1.32321 | 1.46243 | 1.61628 | 1.78628 | 1.97414 | 2.18173 | 2.41114 | 2.66465 | 2.94479 | 3.25437 |
| 0.182 | 1.19842 | 1.32454 | 1.4639 | 1.61789 | 1.78806 | 1.97611 | 2.18391 | 2.41355 | 2.66731 | 2.94774 | 3.25763 |
| 0.183 | 1.19961 | 1.32586 | 1.46536 | 1.61951 | 1.78985 | 1.97809 | 2.1861 | 2.41597 | 2.66998 | 2.95069 | 3.26089 |

| 0.184 | 1.20081 | 1.32719 | 1.46683 | 1.62113 | 1.79164 | 1.98007 | 2.18829 | 2.41838 | 2.67265 | 2.95364 | 3.26415 |
| 0.185 | 1.20202 | 1.32852 | 1.4683 | 1.62276 | 1.79344 | 1.98205 | 2.19048 | 2.4208 | 2.67533 | 2.9566 | 3.26742 |
| 0.186 | 1.20322 | 1.32985 | 1.46977 | 1.62438 | 1.79523 | 1.98403 | 2.19267 | 2.42323 | 2.67801 | 2.95956 | 3.27069 |
| 0.187 | 1.20442 | 1.33118 | 1.47124 | 1.62601 | 1.79703 | 1.98602 | 2.19486 | 2.42565 | 2.68069 | 2.96252 | 3.27396 |
| 0.188 | 1.20563 | 1.33251 | 1.47271 | 1.62763 | 1.79883 | 1.98801 | 2.19706 | 2.42808 | 2.68337 | 2.96548 | 3.27723 |
| 0.189 | 1.20683 | 1.33384 | 1.47418 | 1.62926 | 1.80063 | 1.99 | 2.19926 | 2.43051 | 2.68605 | 2.96845 | 3.28051 |
| 0.19 | 1.20804 | 1.33518 | 1.47566 | 1.63089 | 1.80243 | 1.99199 | 2.20146 | 2.43294 | 2.68874 | 2.97142 | 3.2838 |
| 0.191 | 1.20925 | 1.33651 | 1.47713 | 1.63252 | 1.80423 | 1.99398 | 2.20366 | 2.43537 | 2.69143 | 2.97439 | 3.28708 |
| 0.192 | 1.21046 | 1.33785 | 1.47861 | 1.63416 | 1.80604 | 1.99598 | 2.20587 | 2.43781 | 2.69412 | 2.97737 | 3.29037 |
| 0.193 | 1.21167 | 1.33919 | 1.48009 | 1.63579 | 1.80785 | 1.99797 | 2.20808 | 2.44025 | 2.69682 | 2.98035 | 3.29366 |
| 0.194 | 1.21288 | 1.34053 | 1.48157 | 1.63743 | 1.80966 | 1.99997 | 2.21028 | 2.44269 | 2.69952 | 2.98333 | 3.29696 |
| 0.195 | 1.2141 | 1.34187 | 1.48306 | 1.63907 | 1.81147 | 2.00197 | 2.2125 | 2.44514 | 2.70222 | 2.98631 | 3.30026 |
| 0.196 | 1.21531 | 1.34321 | 1.48454 | 1.64071 | 1.81328 | 2.00398 | 2.21471 | 2.44758 | 2.70492 | 2.9893 | 3.30356 |
| 0.197 | 1.21653 | 1.34456 | 1.48603 | 1.64235 | 1.81509 | 2.00598 | 2.21693 | 2.45003 | 2.70763 | 2.99229 | 3.30686 |
| 0.198 | 1.21774 | 1.3459 | 1.48751 | 1.64399 | 1.81691 | 2.00799 | 2.21915 | 2.45248 | 2.71034 | 2.99529 | 3.31017 |
| 0.199 | 1.21896 | 1.34725 | 1.489 | 1.64564 | 1.81873 | 2.01 | 2.22137 | 2.45494 | 2.71305 | 2.99828 | 3.31348 |
| 0.2 | 1.22018 | 1.3486 | 1.49049 | 1.64729 | 1.82055 | 2.01201 | 2.22359 | 2.45739 | 2.71577 | 3.00128 | 3.3168 |
| 0.201 | 1.2214 | 1.34995 | 1.49198 | 1.64893 | 1.82237 | 2.01402 | 2.22581 | 2.45985 | 2.71848 | 3.00429 | 3.32012 |
| 0.202 | 1.22262 | 1.3513 | 1.49348 | 1.65058 | 1.82419 | 2.01604 | 2.22804 | 2.46231 | 2.7212 | 3.00729 | 3.32344 |
| 0.203 | 1.22385 | 1.35265 | 1.49497 | 1.65224 | 1.82602 | 2.01806 | 2.23027 | 2.46478 | 2.72393 | 3.0103 | 3.32676 |
| 0.204 | 1.22507 | 1.354 | 1.49647 | 1.65389 | 1.82785 | 2.02008 | 2.2325 | 2.46724 | 2.72665 | 3.01331 | 3.33009 |
| 0.205 | 1.2263 | 1.35536 | 1.49796 | 1.65554 | 1.82968 | 2.0221 | 2.23474 | 2.46971 | 2.72938 | 3.01633 | 3.33342 |
| 0.206 | 1.22753 | 1.35671 | 1.49946 | 1.6572 | 1.83151 | 2.02412 | 2.23697 | 2.47218 | 2.73211 | 3.01934 | 3.33676 |
| 0.207 | 1.22875 | 1.35807 | 1.50096 | 1.65886 | 1.83334 | 2.02615 | 2.23921 | 2.47466 | 2.73484 | 3.02237 | 3.3401 |
| 0.208 | 1.22998 | 1.35943 | 1.50246 | 1.66052 | 1.83517 | 2.02818 | 2.24145 | 2.47713 | 2.73758 | 3.02539 | 3.34344 |
| 0.209 | 1.23121 | 1.36079 | 1.50397 | 1.66218 | 1.83701 | 2.0302 | 2.24369 | 2.47961 | 2.74032 | 3.02842 | 3.34678 |
| 0.21 | 1.23244 | 1.36215 | 1.50547 | 1.66384 | 1.83885 | 2.03224 | 2.24594 | 2.48209 | 2.74306 | 3.03145 | 3.35013 |
| 0.211 | 1.23368 | 1.36351 | 1.50698 | 1.66551 | 1.84069 | 2.03427 | 2.24819 | 2.48458 | 2.74581 | 3.03448 | 3.35348 |
| 0.212 | 1.23491 | 1.36488 | 1.50849 | 1.66718 | 1.84253 | 2.03631 | 2.25044 | 2.48706 | 2.74855 | 3.03752 | 3.35684 |
| 0.213 | 1.23615 | 1.36624 | 1.51 | 1.66884 | 1.84437 | 2.03834 | 2.25269 | 2.48955 | 2.7513 | 3.04056 | 3.3602 |
| 0.214 | 1.23738 | 1.36761 | 1.51151 | 1.67051 | 1.84622 | 2.04038 | 2.25494 | 2.49204 | 2.75406 | 3.0436 | 3.36356 |
| 0.215 | 1.23862 | 1.36898 | 1.51302 | 1.67219 | 1.84807 | 2.04242 | 2.2572 | 2.49454 | 2.75681 | 3.04664 | 3.36693 |
| 0.216 | 1.23986 | 1.37035 | 1.51453 | 1.67386 | 1.84992 | 2.04447 | 2.25946 | 2.49703 | 2.75957 | 3.04969 | 3.37029 |
| 0.217 | 1.2411 | 1.37172 | 1.51605 | 1.67553 | 1.85177 | 2.04651 | 2.26172 | 2.49953 | 2.76233 | 3.05274 | 3.37367 |
| 0.218 | 1.24234 | 1.37309 | 1.51757 | 1.67721 | 1.85362 | 2.04856 | 2.26398 | 2.50203 | 2.7651 | 3.0558 | 3.37704 |
| 0.219 | 1.24359 | 1.37447 | 1.51909 | 1.67889 | 1.85548 | 2.05061 | 2.26625 | 2.50454 | 2.76786 | 3.05885 | 3.38042 |
| 0.22 | 1.24483 | 1.37584 | 1.52061 | 1.68057 | 1.85733 | 2.05266 | 2.26852 | 2.50704 | 2.77063 | 3.06191 | 3.3838 |
| 0.221 | 1.24608 | 1.37722 | 1.52213 | 1.68225 | 1.85919 | 2.05472 | 2.27079 | 2.50955 | 2.7734 | 3.06498 | 3.38719 |
| 0.222 | 1.24732 | 1.3786 | 1.52365 | 1.68393 | 1.86105 | 2.05677 | 2.27306 | 2.51206 | 2.77618 | 3.06804 | 3.39058 |
| 0.223 | 1.24857 | 1.37998 | 1.52517 | 1.68562 | 1.86291 | 2.05883 | 2.27533 | 2.51458 | 2.77896 | 3.07111 | 3.39397 |
| 0.224 | 1.24982 | 1.38136 | 1.5267 | 1.68731 | 1.86478 | 2.06089 | 2.27761 | 2.51709 | 2.78174 | 3.07419 | 3.39736 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.225 | 1.25107 | 1.38274 | 1.52823 | 1.68899 | 1.86664 | 2.06295 | 2.27989 | 2.51961 | 2.78452 | 3.07726 | 3.40076 |
| 0.226 | 1.25232 | 1.38412 | 1.52976 | 1.69068 | 1.86851 | 2.06502 | 2.28217 | 2.52213 | 2.78731 | 3.08034 | 3.40417 |
| 0.227 | 1.25358 | 1.38551 | 1.53129 | 1.69238 | 1.87038 | 2.06709 | 2.28445 | 2.52466 | 2.7901 | 3.08342 | 3.40757 |
| 0.228 | 1.25483 | 1.38689 | 1.53282 | 1.69407 | 1.87225 | 2.06915 | 2.28674 | 2.52718 | 2.79289 | 3.08651 | 3.41098 |
| 0.229 | 1.25609 | 1.38828 | 1.53435 | 1.69577 | 1.87413 | 2.07122 | 2.28903 | 2.52971 | 2.79568 | 3.0896 | 3.41439 |
| 0.23 | 1.25734 | 1.38967 | 1.53589 | 1.69746 | 1.876 | 2.0733 | 2.29132 | 2.53224 | 2.79848 | 3.09269 | 3.41781 |
| 0.231 | 1.2586 | 1.39106 | 1.53743 | 1.69916 | 1.87788 | 2.07537 | 2.29361 | 2.53478 | 2.80128 | 3.09578 | 3.42123 |
| 0.232 | 1.25986 | 1.39245 | 1.53896 | 1.70086 | 1.87976 | 2.07745 | 2.2959 | 2.53731 | 2.80408 | 3.09888 | 3.42465 |
| 0.233 | 1.26112 | 1.39385 | 1.5405 | 1.70256 | 1.88164 | 2.07953 | 2.2982 | 2.53985 | 2.80689 | 3.10198 | 3.42808 |
| 0.234 | 1.26238 | 1.39524 | 1.54205 | 1.70427 | 1.88352 | 2.08161 | 2.3005 | 2.54239 | 2.8097 | 3.10508 | 3.43151 |
| 0.235 | 1.26364 | 1.39664 | 1.54359 | 1.70597 | 1.88541 | 2.08369 | 2.3028 | 2.54494 | 2.81251 | 3.10819 | 3.43494 |
| 0.236 | 1.26491 | 1.39803 | 1.54513 | 1.70768 | 1.88729 | 2.08578 | 2.30511 | 2.54748 | 2.81532 | 3.1113 | 3.43838 |
| 0.237 | 1.26617 | 1.39943 | 1.54668 | 1.70939 | 1.88918 | 2.08786 | 2.30741 | 2.55003 | 2.81814 | 3.11441 | 3.44182 |
| 0.238 | 1.26744 | 1.40083 | 1.54823 | 1.7111 | 1.89107 | 2.08995 | 2.30972 | 2.55258 | 2.82096 | 3.11753 | 3.44526 |
| 0.239 | 1.26871 | 1.40223 | 1.54978 | 1.71281 | 1.89297 | 2.09204 | 2.31203 | 2.55514 | 2.82378 | 3.12065 | 3.44871 |
| 0.24 | 1.26998 | 1.40364 | 1.55133 | 1.71452 | 1.89486 | 2.09414 | 2.31435 | 2.55769 | 2.82661 | 3.12377 | 3.45216 |
| 0.241 | 1.27125 | 1.40504 | 1.55288 | 1.71624 | 1.89676 | 2.09623 | 2.31666 | 2.56025 | 2.82943 | 3.1269 | 3.45561 |
| 0.242 | 1.27252 | 1.40645 | 1.55443 | 1.71796 | 1.89865 | 2.09833 | 2.31898 | 2.56281 | 2.83226 | 3.13003 | 3.45907 |
| 0.243 | 1.27379 | 1.40786 | 1.55599 | 1.71968 | 1.90055 | 2.10043 | 2.3213 | 2.56538 | 2.8351 | 3.13316 | 3.46253 |
| 0.244 | 1.27507 | 1.40926 | 1.55755 | 1.7214 | 1.90246 | 2.10253 | 2.32363 | 2.56795 | 2.83794 | 3.13629 | 3.466 |
| 0.245 | 1.27634 | 1.41067 | 1.5591 | 1.72312 | 1.90436 | 2.10464 | 2.32595 | 2.57052 | 2.84077 | 3.13943 | 3.46946 |
| 0.246 | 1.27762 | 1.41209 | 1.56066 | 1.72484 | 1.90626 | 2.10674 | 2.32828 | 2.57309 | 2.84362 | 3.14257 | 3.47293 |
| 0.247 | 1.2789 | 1.4135 | 1.56223 | 1.72657 | 1.90817 | 2.10885 | 2.33061 | 2.57566 | 2.84646 | 3.14571 | 3.47641 |
| 0.248 | 1.28018 | 1.41491 | 1.56379 | 1.7283 | 1.91008 | 2.11096 | 2.33294 | 2.57824 | 2.84931 | 3.14886 | 3.47989 |
| 0.249 | 1.28146 | 1.41633 | 1.56535 | 1.73003 | 1.91199 | 2.11307 | 2.33527 | 2.58082 | 2.85216 | 3.15201 | 3.48337 |
| 0.25 | 1.28274 | 1.41775 | 1.56692 | 1.73176 | 1.91391 | 2.11519 | 2.33761 | 2.5834 | 2.85501 | 3.15517 | 3.48685 |
| 0.251 | 1.28403 | 1.41916 | 1.56849 | 1.73349 | 1.91582 | 2.1173 | 2.33995 | 2.58599 | 2.85787 | 3.15832 | 3.49034 |
| 0.252 | 1.28531 | 1.42058 | 1.57006 | 1.73522 | 1.91774 | 2.11942 | 2.34229 | 2.58857 | 2.86073 | 3.16148 | 3.49384 |
| 0.253 | 1.2866 | 1.42201 | 1.57163 | 1.73696 | 1.91966 | 2.12154 | 2.34463 | 2.59116 | 2.86359 | 3.16465 | 3.49733 |
| 0.254 | 1.28788 | 1.42343 | 1.5732 | 1.7387 | 1.92158 | 2.12366 | 2.34698 | 2.59376 | 2.86646 | 3.16781 | 3.50083 |
| 0.255 | 1.28917 | 1.42485 | 1.57477 | 1.74044 | 1.9235 | 2.12579 | 2.34933 | 2.59635 | 2.86933 | 3.17098 | 3.50433 |
| 0.256 | 1.29046 | 1.42628 | 1.57635 | 1.74218 | 1.92543 | 2.12792 | 2.35168 | 2.59895 | 2.8722 | 3.17415 | 3.50784 |
| 0.257 | 1.29175 | 1.42771 | 1.57793 | 1.74392 | 1.92735 | 2.13005 | 2.35403 | 2.60155 | 2.87507 | 3.17733 | 3.51135 |
| 0.258 | 1.29305 | 1.42913 | 1.57951 | 1.74567 | 1.92928 | 2.13218 | 2.35639 | 2.60415 | 2.87795 | 3.18051 | 3.51486 |
| 0.259 | 1.29434 | 1.43056 | 1.58109 | 1.74742 | 1.93121 | 2.13431 | 2.35875 | 2.60676 | 2.88083 | 3.18369 | 3.51838 |
| 0.26 | 1.29563 | 1.43199 | 1.58267 | 1.74916 | 1.93314 | 2.13645 | 2.36111 | 2.60937 | 2.88371 | 3.18688 | 3.5219 |
| 0.261 | 1.29693 | 1.43343 | 1.58425 | 1.75091 | 1.93508 | 2.13858 | 2.36347 | 2.61198 | 2.8866 | 3.19007 | 3.52542 |
| 0.262 | 1.29823 | 1.43486 | 1.58584 | 1.75267 | 1.93701 | 2.14072 | 2.36583 | 2.61459 | 2.88948 | 3.19326 | 3.52895 |
| 0.263 | 1.29953 | 1.4363 | 1.58742 | 1.75442 | 1.93895 | 2.14287 | 2.3682 | 2.61721 | 2.89237 | 3.19645 | 3.53248 |
| 0.264 | 1.30083 | 1.43773 | 1.58901 | 1.75618 | 1.94089 | 2.14501 | 2.37057 | 2.61983 | 2.89527 | 3.19965 | 3.53601 |
| 0.265 | 1.30213 | 1.43917 | 1.5906 | 1.75793 | 1.94283 | 2.14716 | 2.37294 | 2.62245 | 2.89817 | 3.20285 | 3.53955 |

| 0.266 | 1.30343 | 1.44061 | 1.59219 | 1.75969 | 1.94478 | 2.14931 | 2.37532 | 2.62507 | 2.90106 | 3.20606 | 3.54309 |
| 0.267 | 1.30474 | 1.44205 | 1.59379 | 1.76145 | 1.94672 | 2.15146 | 2.37769 | 2.6277 | 2.90397 | 3.20926 | 3.54664 |
| 0.268 | 1.30604 | 1.4435 | 1.59538 | 1.76321 | 1.94867 | 2.15361 | 2.38007 | 2.63033 | 2.90687 | 3.21247 | 3.55019 |
| 0.269 | 1.30735 | 1.44494 | 1.59698 | 1.76498 | 1.95062 | 2.15576 | 2.38245 | 2.63296 | 2.90978 | 3.21569 | 3.55374 |
| 0.27 | 1.30866 | 1.44639 | 1.59858 | 1.76675 | 1.95257 | 2.15792 | 2.38484 | 2.63559 | 2.91269 | 3.21891 | 3.55729 |
| 0.271 | 1.30996 | 1.44783 | 1.60018 | 1.76851 | 1.95453 | 2.16008 | 2.38722 | 2.63823 | 2.91561 | 3.22213 | 3.56085 |
| 0.272 | 1.31128 | 1.44928 | 1.60178 | 1.77028 | 1.95648 | 2.16224 | 2.38961 | 2.64087 | 2.91852 | 3.22535 | 3.56442 |
| 0.273 | 1.31259 | 1.45073 | 1.60338 | 1.77205 | 1.95844 | 2.1644 | 2.392 | 2.64351 | 2.92144 | 3.22858 | 3.56798 |
| 0.274 | 1.3139 | 1.45218 | 1.60498 | 1.77383 | 1.9604 | 2.16657 | 2.3944 | 2.64616 | 2.92437 | 3.23181 | 3.57155 |
| 0.275 | 1.31521 | 1.45364 | 1.60659 | 1.7756 | 1.96236 | 2.16874 | 2.39679 | 2.6488 | 2.92729 | 3.23504 | 3.57512 |
| 0.276 | 1.31653 | 1.45509 | 1.6082 | 1.77738 | 1.96433 | 2.17091 | 2.39919 | 2.65145 | 2.93022 | 3.23828 | 3.5787 |
| 0.277 | 1.31785 | 1.45655 | 1.60981 | 1.77916 | 1.96629 | 2.17308 | 2.40159 | 2.65411 | 2.93315 | 3.24152 | 3.58228 |
| 0.278 | 1.31917 | 1.45801 | 1.61142 | 1.78094 | 1.96826 | 2.17525 | 2.40399 | 2.65676 | 2.93609 | 3.24476 | 3.58587 |
| 0.279 | 1.32049 | 1.45946 | 1.61303 | 1.78272 | 1.97023 | 2.17743 | 2.4064 | 2.65942 | 2.93903 | 3.24801 | 3.58945 |
| 0.28 | 1.32181 | 1.46092 | 1.61464 | 1.7845 | 1.9722 | 2.17961 | 2.40881 | 2.66208 | 2.94197 | 3.25126 | 3.59304 |
| 0.281 | 1.32313 | 1.46239 | 1.61626 | 1.78629 | 1.97417 | 2.18179 | 2.41122 | 2.66475 | 2.94491 | 3.25451 | 3.59664 |
| 0.282 | 1.32445 | 1.46385 | 1.61788 | 1.78808 | 1.97615 | 2.18397 | 2.41363 | 2.66741 | 2.94786 | 3.25777 | 3.60024 |
| 0.283 | 1.32578 | 1.46531 | 1.6195 | 1.78986 | 1.97813 | 2.18616 | 2.41605 | 2.67008 | 2.95081 | 3.26103 | 3.60384 |
| 0.284 | 1.32711 | 1.46678 | 1.62112 | 1.79166 | 1.9801 | 2.18835 | 2.41846 | 2.67275 | 2.95376 | 3.26429 | 3.60745 |
| 0.285 | 1.32843 | 1.46825 | 1.62274 | 1.79345 | 1.98209 | 2.19054 | 2.42088 | 2.67543 | 2.95671 | 3.26755 | 3.61106 |
| 0.286 | 1.32976 | 1.46972 | 1.62436 | 1.79524 | 1.98407 | 2.19273 | 2.4233 | 2.6781 | 2.95967 | 3.27082 | 3.61467 |
| 0.287 | 1.33109 | 1.47119 | 1.62599 | 1.79704 | 1.98605 | 2.19492 | 2.42573 | 2.68078 | 2.96263 | 3.2741 | 3.61828 |
| 0.288 | 1.33242 | 1.47266 | 1.62761 | 1.79884 | 1.98804 | 2.19712 | 2.42816 | 2.68347 | 2.9656 | 3.27737 | 3.6219 |
| 0.289 | 1.33376 | 1.47413 | 1.62924 | 1.80064 | 1.99003 | 2.19932 | 2.43059 | 2.68615 | 2.96857 | 3.28065 | 3.62553 |
| 0.29 | 1.33509 | 1.47561 | 1.63087 | 1.80244 | 1.99202 | 2.20152 | 2.43302 | 2.68884 | 2.97154 | 3.28393 | 3.62916 |
| 0.291 | 1.33643 | 1.47708 | 1.6325 | 1.80424 | 1.99402 | 2.20372 | 2.43545 | 2.69153 | 2.97451 | 3.28722 | 3.63279 |
| 0.292 | 1.33776 | 1.47856 | 1.63414 | 1.80605 | 1.99601 | 2.20592 | 2.43789 | 2.69422 | 2.97748 | 3.29051 | 3.63642 |
| 0.293 | 1.3391 | 1.48004 | 1.63577 | 1.80785 | 1.99801 | 2.20813 | 2.44033 | 2.69692 | 2.98046 | 3.2938 | 3.64006 |
| 0.294 | 1.34044 | 1.48152 | 1.63741 | 1.80966 | 2.00001 | 2.21034 | 2.44277 | 2.69962 | 2.98345 | 3.2971 | 3.6437 |
| 0.295 | 1.34178 | 1.483 | 1.63905 | 1.81147 | 2.00201 | 2.21255 | 2.44521 | 2.70232 | 2.98643 | 3.30039 | 3.64735 |
| 0.296 | 1.34313 | 1.48449 | 1.64069 | 1.81329 | 2.00401 | 2.21477 | 2.44766 | 2.70502 | 2.98942 | 3.3037 | 3.651 |
| 0.297 | 1.34447 | 1.48597 | 1.64233 | 1.8151 | 2.00602 | 2.21698 | 2.45011 | 2.70773 | 2.99241 | 3.307 | 3.65465 |
| 0.298 | 1.34582 | 1.48746 | 1.64397 | 1.81692 | 2.00802 | 2.2192 | 2.45256 | 2.71044 | 2.9954 | 3.31031 | 3.65831 |
| 0.299 | 1.34716 | 1.48895 | 1.64562 | 1.81874 | 2.01003 | 2.22142 | 2.45502 | 2.71315 | 2.9984 | 3.31362 | 3.66197 |
| 0.3 | 1.34851 | 1.49044 | 1.64726 | 1.82055 | 2.01204 | 2.22364 | 2.45747 | 2.71586 | 3.0014 | 3.31694 | 3.66563 |
| 0.301 | 1.34986 | 1.49193 | 1.64891 | 1.82238 | 2.01406 | 2.22587 | 2.45993 | 2.71858 | 3.0044 | 3.32026 | 3.6693 |
| 0.302 | 1.35121 | 1.49342 | 1.65056 | 1.8242 | 2.01607 | 2.2281 | 2.46239 | 2.7213 | 3.00741 | 3.32358 | 3.67297 |
| 0.303 | 1.35256 | 1.49492 | 1.65221 | 1.82603 | 2.01809 | 2.23033 | 2.46486 | 2.72402 | 3.01042 | 3.3269 | 3.67664 |
| 0.304 | 1.35391 | 1.49641 | 1.65387 | 1.82785 | 2.02011 | 2.23256 | 2.46732 | 2.72675 | 3.01343 | 3.33023 | 3.68032 |
| 0.305 | 1.35527 | 1.49791 | 1.65552 | 1.82968 | 2.02213 | 2.23479 | 2.46979 | 2.72948 | 3.01645 | 3.33356 | 3.684 |
| 0.306 | 1.35663 | 1.49941 | 1.65718 | 1.83151 | 2.02415 | 2.23703 | 2.47226 | 2.73221 | 3.01946 | 3.3369 | 3.68769 |

| 0.307 | 1.35798 | 1.50091 | 1.65884 | 1.83334 | 2.02618 | 2.23927 | 2.47474 | 2.73494 | 3.02248 | 3.34024 | 3.69138 |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.308 | 1.35934 | 1.50241 | 1.6605  | 1.83518 | 2.02821 | 2.24151 | 2.47721 | 2.73768 | 3.02551 | 3.34358 | 3.69507 |
| 0.309 | 1.3607  | 1.50391 | 1.66216 | 1.83701 | 2.03023 | 2.24375 | 2.47969 | 2.74042 | 3.02854 | 3.34693 | 3.69877 |
| 0.31  | 1.36206 | 1.50542 | 1.66382 | 1.83885 | 2.03227 | 2.24599 | 2.48217 | 2.74316 | 3.03157 | 3.35027 | 3.70247 |
| 0.311 | 1.36343 | 1.50692 | 1.66548 | 1.84069 | 2.0343  | 2.24824 | 2.48465 | 2.7459  | 3.0346  | 3.35363 | 3.70617 |
| 0.312 | 1.36479 | 1.50843 | 1.66715 | 1.84253 | 2.03634 | 2.25049 | 2.48714 | 2.74865 | 3.03764 | 3.35698 | 3.70988 |
| 0.313 | 1.36615 | 1.50994 | 1.66882 | 1.84438 | 2.03837 | 2.25274 | 2.48963 | 2.7514  | 3.04067 | 3.36034 | 3.71359 |
| 0.314 | 1.36752 | 1.51145 | 1.67049 | 1.84622 | 2.04041 | 2.255   | 2.49212 | 2.75415 | 3.04372 | 3.3637  | 3.71731 |
| 0.315 | 1.36889 | 1.51296 | 1.67216 | 1.84807 | 2.04245 | 2.25725 | 2.49461 | 2.75691 | 3.04676 | 3.36707 | 3.72103 |
| 0.316 | 1.37026 | 1.51448 | 1.67383 | 1.84992 | 2.0445  | 2.25951 | 2.49711 | 2.75967 | 3.04981 | 3.37044 | 3.72475 |
| 0.317 | 1.37163 | 1.51599 | 1.67551 | 1.85177 | 2.04654 | 2.26177 | 2.49961 | 2.76243 | 3.05286 | 3.37381 | 3.72848 |
| 0.318 | 1.373   | 1.51751 | 1.67718 | 1.85362 | 2.04859 | 2.26403 | 2.50211 | 2.76519 | 3.05592 | 3.37718 | 3.73221 |
| 0.319 | 1.37438 | 1.51903 | 1.67886 | 1.85548 | 2.05064 | 2.2663  | 2.50461 | 2.76796 | 3.05897 | 3.38056 | 3.73594 |
| 0.32  | 1.37575 | 1.52055 | 1.68054 | 1.85733 | 2.05269 | 2.26857 | 2.50712 | 2.77073 | 3.06203 | 3.38395 | 3.73968 |
| 0.321 | 1.37713 | 1.52207 | 1.68222 | 1.85919 | 2.05475 | 2.27084 | 2.50963 | 2.7735  | 3.0651  | 3.38733 | 3.74342 |
| 0.322 | 1.37851 | 1.52359 | 1.68391 | 1.86105 | 2.0568  | 2.27311 | 2.51214 | 2.77628 | 3.06817 | 3.39072 | 3.74717 |
| 0.323 | 1.37988 | 1.52512 | 1.68559 | 1.86292 | 2.05886 | 2.27538 | 2.51465 | 2.77905 | 3.07123 | 3.39411 | 3.75092 |
| 0.324 | 1.38127 | 1.52664 | 1.68728 | 1.86478 | 2.06092 | 2.27766 | 2.51717 | 2.78183 | 3.07431 | 3.39751 | 3.75467 |
| 0.325 | 1.38265 | 1.52817 | 1.68897 | 1.86665 | 2.06298 | 2.27994 | 2.51969 | 2.78462 | 3.07738 | 3.40091 | 3.75843 |
| 0.326 | 1.38403 | 1.5297  | 1.69066 | 1.86851 | 2.06505 | 2.28222 | 2.52221 | 2.7874  | 3.08046 | 3.40431 | 3.76219 |
| 0.327 | 1.38542 | 1.53123 | 1.69235 | 1.87038 | 2.06711 | 2.2845  | 2.52473 | 2.79019 | 3.08354 | 3.40772 | 3.76595 |
| 0.328 | 1.3868  | 1.53276 | 1.69404 | 1.87225 | 2.06918 | 2.28679 | 2.52726 | 2.79298 | 3.08663 | 3.41113 | 3.76972 |
| 0.329 | 1.38819 | 1.53429 | 1.69574 | 1.87413 | 2.07125 | 2.28908 | 2.52979 | 2.79578 | 3.08972 | 3.41454 | 3.77349 |
| 0.33  | 1.38958 | 1.53583 | 1.69743 | 1.876   | 2.07332 | 2.29137 | 2.53232 | 2.79858 | 3.09281 | 3.41796 | 3.77726 |
| 0.331 | 1.39097 | 1.53737 | 1.69913 | 1.87788 | 2.0754  | 2.29366 | 2.53485 | 2.80138 | 3.0959  | 3.42138 | 3.78104 |
| 0.332 | 1.39236 | 1.5389  | 1.70083 | 1.87976 | 2.07747 | 2.29596 | 2.53739 | 2.80418 | 3.099   | 3.4248  | 3.78483 |
| 0.333 | 1.39375 | 1.54044 | 1.70253 | 1.88164 | 2.07955 | 2.29825 | 2.53993 | 2.80699 | 3.1021  | 3.42822 | 3.78861 |
| 0.334 | 1.39515 | 1.54199 | 1.70424 | 1.88352 | 2.08163 | 2.30055 | 2.54247 | 2.80979 | 3.10521 | 3.43165 | 3.7924  |
| 0.335 | 1.39654 | 1.54353 | 1.70594 | 1.88541 | 2.08372 | 2.30285 | 2.54501 | 2.81261 | 3.10831 | 3.43509 | 3.7962  |
| 0.336 | 1.39794 | 1.54507 | 1.70765 | 1.88729 | 2.0858  | 2.30516 | 2.54756 | 2.81542 | 3.11142 | 3.43852 | 3.8     |
| 0.337 | 1.39934 | 1.54662 | 1.70936 | 1.88918 | 2.08789 | 2.30746 | 2.55011 | 2.81824 | 3.11454 | 3.44197 | 3.8038  |
| 0.338 | 1.40074 | 1.54817 | 1.71107 | 1.89107 | 2.08998 | 2.30977 | 2.55266 | 2.82106 | 3.11765 | 3.44541 | 3.8076  |
| 0.339 | 1.40214 | 1.54971 | 1.71278 | 1.89296 | 2.09207 | 2.31208 | 2.55521 | 2.82388 | 3.12077 | 3.44886 | 3.81141 |
| 0.34  | 1.40354 | 1.55127 | 1.71449 | 1.89486 | 2.09416 | 2.3144  | 2.55777 | 2.8267  | 3.12389 | 3.45231 | 3.81523 |
| 0.341 | 1.40495 | 1.55282 | 1.71621 | 1.89675 | 2.09626 | 2.31671 | 2.56033 | 2.82953 | 3.12702 | 3.45576 | 3.81904 |
| 0.342 | 1.40635 | 1.55437 | 1.71793 | 1.89865 | 2.09835 | 2.31903 | 2.56289 | 2.83236 | 3.13015 | 3.45922 | 3.82286 |
| 0.343 | 1.40776 | 1.55593 | 1.71964 | 1.90055 | 2.10045 | 2.32135 | 2.56545 | 2.8352  | 3.13328 | 3.46268 | 3.82669 |
| 0.344 | 1.40917 | 1.55748 | 1.72136 | 1.90245 | 2.10256 | 2.32367 | 2.56802 | 2.83803 | 3.13641 | 3.46614 | 3.83052 |
| 0.345 | 1.41058 | 1.55904 | 1.72309 | 1.90436 | 2.10466 | 2.326   | 2.57059 | 2.84087 | 3.13955 | 3.46961 | 3.83435 |
| 0.346 | 1.41199 | 1.5606  | 1.72481 | 1.90626 | 2.10676 | 2.32833 | 2.57316 | 2.84372 | 3.14269 | 3.47308 | 3.83819 |
| 0.347 | 1.4134  | 1.56216 | 1.72654 | 1.90817 | 2.10887 | 2.33066 | 2.57574 | 2.84656 | 3.14584 | 3.47656 | 3.84203 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.348 | 1.41482 | 1.56373 | 1.72826 | 1.91008 | 2.11098 | 2.33299 | 2.57831 | 2.84941 | 3.14899 | 3.48004 | 3.84587 |
| 0.349 | 1.41623 | 1.56529 | 1.72999 | 1.91199 | 2.11309 | 2.33532 | 2.58089 | 2.85226 | 3.15214 | 3.48352 | 3.84972 |
| 0.35 | 1.41765 | 1.56686 | 1.73172 | 1.9139 | 2.11521 | 2.33766 | 2.58347 | 2.85511 | 3.15529 | 3.487 | 3.85357 |
| 0.351 | 1.41907 | 1.56842 | 1.73346 | 1.91582 | 2.11733 | 2.34 | 2.58606 | 2.85797 | 3.15845 | 3.49049 | 3.85743 |
| 0.352 | 1.42049 | 1.56999 | 1.73519 | 1.91773 | 2.11944 | 2.34234 | 2.58865 | 2.86083 | 3.16161 | 3.49398 | 3.86128 |
| 0.353 | 1.42191 | 1.57156 | 1.73693 | 1.91965 | 2.12156 | 2.34468 | 2.59124 | 2.86369 | 3.16477 | 3.49748 | 3.86515 |
| 0.354 | 1.42333 | 1.57314 | 1.73867 | 1.92157 | 2.12369 | 2.34703 | 2.59383 | 2.86656 | 3.16794 | 3.50098 | 3.86902 |
| 0.355 | 1.42476 | 1.57471 | 1.7404 | 1.9235 | 2.12581 | 2.34938 | 2.59643 | 2.86943 | 3.17111 | 3.50448 | 3.87289 |
| 0.356 | 1.42618 | 1.57629 | 1.74215 | 1.92542 | 2.12794 | 2.35173 | 2.59902 | 2.8723 | 3.17428 | 3.50799 | 3.87676 |
| 0.357 | 1.42761 | 1.57786 | 1.74389 | 1.92735 | 2.13007 | 2.35408 | 2.60162 | 2.87517 | 3.17745 | 3.5115 | 3.88064 |
| 0.358 | 1.42904 | 1.57944 | 1.74563 | 1.92927 | 2.1322 | 2.35644 | 2.60423 | 2.87805 | 3.18063 | 3.51501 | 3.88452 |
| 0.359 | 1.43047 | 1.58102 | 1.74738 | 1.93121 | 2.13433 | 2.35879 | 2.60683 | 2.88093 | 3.18382 | 3.51853 | 3.88841 |
| 0.36 | 1.4319 | 1.5826 | 1.74913 | 1.93314 | 2.13647 | 2.36115 | 2.60944 | 2.88381 | 3.187 | 3.52205 | 3.8923 |
| 0.361 | 1.43333 | 1.58419 | 1.75088 | 1.93507 | 2.13861 | 2.36352 | 2.61205 | 2.88669 | 3.19019 | 3.52557 | 3.89619 |
| 0.362 | 1.43476 | 1.58577 | 1.75263 | 1.93701 | 2.14075 | 2.36588 | 2.61466 | 2.88958 | 3.19338 | 3.5291 | 3.90009 |
| 0.363 | 1.4362 | 1.58736 | 1.75438 | 1.93895 | 2.14289 | 2.36825 | 2.61728 | 2.89247 | 3.19658 | 3.53263 | 3.90399 |
| 0.364 | 1.43764 | 1.58895 | 1.75614 | 1.94089 | 2.14503 | 2.37062 | 2.6199 | 2.89537 | 3.19977 | 3.53617 | 3.9079 |
| 0.365 | 1.43907 | 1.59054 | 1.7579 | 1.94283 | 2.14718 | 2.37299 | 2.62252 | 2.89826 | 3.20298 | 3.5397 | 3.91181 |
| 0.366 | 1.44051 | 1.59213 | 1.75966 | 1.94477 | 2.14933 | 2.37536 | 2.62514 | 2.90116 | 3.20618 | 3.54324 | 3.91572 |
| 0.367 | 1.44196 | 1.59372 | 1.76142 | 1.94672 | 2.15148 | 2.37774 | 2.62777 | 2.90407 | 3.20939 | 3.54679 | 3.91964 |
| 0.368 | 1.4434 | 1.59532 | 1.76318 | 1.94867 | 2.15363 | 2.38012 | 2.6304 | 2.90697 | 3.2126 | 3.55034 | 3.92356 |
| 0.369 | 1.44484 | 1.59691 | 1.76494 | 1.95061 | 2.15578 | 2.3825 | 2.63303 | 2.90988 | 3.21581 | 3.55389 | 3.92749 |
| 0.37 | 1.44629 | 1.59851 | 1.76671 | 1.95257 | 2.15794 | 2.38488 | 2.63567 | 2.91279 | 3.21903 | 3.55745 | 3.93142 |
| 0.371 | 1.44773 | 1.60011 | 1.76848 | 1.95452 | 2.1601 | 2.38727 | 2.6383 | 2.91571 | 3.22225 | 3.56101 | 3.93535 |
| 0.372 | 1.44918 | 1.60171 | 1.77025 | 1.95648 | 2.16226 | 2.38966 | 2.64094 | 2.91862 | 3.22548 | 3.56457 | 3.93929 |
| 0.373 | 1.45063 | 1.60331 | 1.77202 | 1.95843 | 2.16442 | 2.39205 | 2.64359 | 2.92154 | 3.2287 | 3.56813 | 3.94323 |
| 0.374 | 1.45208 | 1.60492 | 1.77379 | 1.96039 | 2.16659 | 2.39444 | 2.64623 | 2.92447 | 3.23193 | 3.5717 | 3.94717 |
| 0.375 | 1.45354 | 1.60652 | 1.77556 | 1.96235 | 2.16876 | 2.39684 | 2.64888 | 2.92739 | 3.23517 | 3.57528 | 3.95112 |
| 0.376 | 1.45499 | 1.60813 | 1.77734 | 1.96432 | 2.17093 | 2.39924 | 2.65153 | 2.93032 | 3.2384 | 3.57885 | 3.95508 |
| 0.377 | 1.45645 | 1.60974 | 1.77912 | 1.96628 | 2.1731 | 2.40164 | 2.65418 | 2.93325 | 3.24164 | 3.58244 | 3.95903 |
| 0.378 | 1.4579 | 1.61135 | 1.7809 | 1.96825 | 2.17527 | 2.40404 | 2.65684 | 2.93619 | 3.24489 | 3.58602 | 3.96299 |
| 0.379 | 1.45936 | 1.61296 | 1.78268 | 1.97022 | 2.17745 | 2.40645 | 2.65949 | 2.93913 | 3.24813 | 3.58961 | 3.96696 |
| 0.38 | 1.46082 | 1.61457 | 1.78446 | 1.97219 | 2.17963 | 2.40885 | 2.66216 | 2.94207 | 3.25138 | 3.5932 | 3.97093 |
| 0.381 | 1.46228 | 1.61619 | 1.78625 | 1.97416 | 2.18181 | 2.41126 | 2.66482 | 2.94501 | 3.25464 | 3.59679 | 3.9749 |
| 0.382 | 1.46375 | 1.61781 | 1.78804 | 1.97614 | 2.18399 | 2.41368 | 2.66749 | 2.94796 | 3.25789 | 3.60039 | 3.97888 |
| 0.383 | 1.46521 | 1.61943 | 1.78983 | 1.97812 | 2.18618 | 2.41609 | 2.67015 | 2.95091 | 3.26115 | 3.604 | 3.98286 |
| 0.384 | 1.46668 | 1.62105 | 1.79162 | 1.9801 | 2.18837 | 2.41851 | 2.67283 | 2.95386 | 3.26442 | 3.6076 | 3.98684 |
| 0.385 | 1.46815 | 1.62267 | 1.79341 | 1.98208 | 2.19056 | 2.42093 | 2.6755 | 2.95681 | 3.26768 | 3.61121 | 3.99083 |
| 0.386 | 1.46961 | 1.62429 | 1.7952 | 1.98406 | 2.19275 | 2.42335 | 2.67818 | 2.95977 | 3.27095 | 3.61482 | 3.99483 |
| 0.387 | 1.47108 | 1.62592 | 1.797 | 1.98604 | 2.19494 | 2.42578 | 2.68086 | 2.96273 | 3.27422 | 3.61844 | 3.99882 |
| 0.388 | 1.47256 | 1.62754 | 1.7988 | 1.98803 | 2.19714 | 2.4282 | 2.68354 | 2.9657 | 3.2775 | 3.62206 | 4.00282 |

| 0.389 | 1.47403 | 1.62917 | 1.8006 | 1.99002 | 2.19934 | 2.43063 | 2.68622 | 2.96867 | 3.28078 | 3.62568 | 4.00683 |
| 0.39 | 1.4755 | 1.6308 | 1.8024 | 1.99201 | 2.20154 | 2.43306 | 2.68891 | 2.97164 | 3.28406 | 3.62931 | 4.01084 |
| 0.391 | 1.47698 | 1.63243 | 1.8042 | 1.99401 | 2.20374 | 2.4355 | 2.6916 | 2.97461 | 3.28735 | 3.63294 | 4.01485 |
| 0.392 | 1.47846 | 1.63407 | 1.80601 | 1.996 | 2.20594 | 2.43794 | 2.69429 | 2.97758 | 3.29064 | 3.63658 | 4.01887 |
| 0.393 | 1.47994 | 1.6357 | 1.80781 | 1.998 | 2.20815 | 2.44037 | 2.69699 | 2.98056 | 3.29393 | 3.64022 | 4.02289 |
| 0.394 | 1.48142 | 1.63734 | 1.80962 | 2 | 2.21036 | 2.44282 | 2.69969 | 2.98355 | 3.29722 | 3.64386 | 4.02691 |
| 0.395 | 1.4829 | 1.63898 | 1.81143 | 2.002 | 2.21257 | 2.44526 | 2.70239 | 2.98653 | 3.30052 | 3.6475 | 4.03094 |
| 0.396 | 1.48438 | 1.64062 | 1.81325 | 2.004 | 2.21478 | 2.44771 | 2.70509 | 2.98952 | 3.30383 | 3.65115 | 4.03497 |
| 0.397 | 1.48587 | 1.64226 | 1.81506 | 2.00601 | 2.217 | 2.45016 | 2.7078 | 2.99251 | 3.30713 | 3.65481 | 4.03901 |
| 0.398 | 1.48736 | 1.6439 | 1.81688 | 2.00801 | 2.21922 | 2.45261 | 2.71051 | 2.9955 | 3.31044 | 3.65846 | 4.04305 |
| 0.399 | 1.48884 | 1.64555 | 1.81869 | 2.01002 | 2.22144 | 2.45506 | 2.71322 | 2.9985 | 3.31375 | 3.66212 | 4.0471 |
| 0.4 | 1.49033 | 1.64719 | 1.82051 | 2.01203 | 2.22366 | 2.45752 | 2.71594 | 3.0015 | 3.31707 | 3.66579 | 4.05115 |
| 0.401 | 1.49182 | 1.64884 | 1.82234 | 2.01405 | 2.22589 | 2.45998 | 2.71865 | 3.0045 | 3.32039 | 3.66945 | 4.0552 |
| 0.402 | 1.49332 | 1.65049 | 1.82416 | 2.01606 | 2.22811 | 2.46244 | 2.72137 | 3.00751 | 3.32371 | 3.67313 | 4.05926 |
| 0.403 | 1.49481 | 1.65214 | 1.82598 | 2.01808 | 2.23034 | 2.4649 | 2.7241 | 3.01052 | 3.32703 | 3.6768 | 4.06332 |
| 0.404 | 1.49631 | 1.65379 | 1.82781 | 2.0201 | 2.23257 | 2.46737 | 2.72682 | 3.01353 | 3.33036 | 3.68048 | 4.06738 |
| 0.405 | 1.4978 | 1.65545 | 1.82964 | 2.02212 | 2.23481 | 2.46984 | 2.72955 | 3.01655 | 3.33369 | 3.68416 | 4.07145 |
| 0.406 | 1.4993 | 1.6571 | 1.83147 | 2.02414 | 2.23704 | 2.47231 | 2.73228 | 3.01956 | 3.33703 | 3.68785 | 4.07553 |
| 0.407 | 1.5008 | 1.65876 | 1.8333 | 2.02617 | 2.23928 | 2.47478 | 2.73501 | 3.02259 | 3.34037 | 3.69154 | 4.0796 |
| 0.408 | 1.5023 | 1.66042 | 1.83514 | 2.02819 | 2.24152 | 2.47726 | 2.73775 | 3.02561 | 3.34371 | 3.69523 | 4.08369 |
| 0.409 | 1.50381 | 1.66208 | 1.83697 | 2.03022 | 2.24377 | 2.47974 | 2.74049 | 3.02864 | 3.34706 | 3.69893 | 4.08777 |
| 0.41 | 1.50531 | 1.66375 | 1.83881 | 2.03225 | 2.24601 | 2.48222 | 2.74323 | 3.03167 | 3.3504 | 3.70263 | 4.09186 |
| 0.411 | 1.50682 | 1.66541 | 1.84065 | 2.03429 | 2.24826 | 2.4847 | 2.74598 | 3.0347 | 3.35376 | 3.70633 | 4.09596 |
| 0.412 | 1.50833 | 1.66708 | 1.84249 | 2.03632 | 2.25051 | 2.48719 | 2.74872 | 3.03774 | 3.35711 | 3.71004 | 4.10005 |
| 0.413 | 1.50983 | 1.66875 | 1.84434 | 2.03836 | 2.25276 | 2.48967 | 2.75147 | 3.04078 | 3.36047 | 3.71375 | 4.10416 |
| 0.414 | 1.51135 | 1.67042 | 1.84618 | 2.0404 | 2.25501 | 2.49217 | 2.75423 | 3.04382 | 3.36383 | 3.71747 | 4.10826 |
| 0.415 | 1.51286 | 1.67209 | 1.84803 | 2.04244 | 2.25727 | 2.49466 | 2.75698 | 3.04686 | 3.3672 | 3.72119 | 4.11237 |
| 0.416 | 1.51437 | 1.67376 | 1.84988 | 2.04448 | 2.25953 | 2.49715 | 2.75974 | 3.04991 | 3.37057 | 3.72491 | 4.11649 |
| 0.417 | 1.51589 | 1.67543 | 1.85173 | 2.04653 | 2.26179 | 2.49965 | 2.7625 | 3.05296 | 3.37394 | 3.72864 | 4.12061 |
| 0.418 | 1.5174 | 1.67711 | 1.85358 | 2.04858 | 2.26405 | 2.50215 | 2.76527 | 3.05602 | 3.37732 | 3.73237 | 4.12473 |
| 0.419 | 1.51892 | 1.67879 | 1.85544 | 2.05063 | 2.26632 | 2.50466 | 2.76803 | 3.05908 | 3.38069 | 3.7361 | 4.12885 |
| 0.42 | 1.52044 | 1.68047 | 1.85729 | 2.05268 | 2.26858 | 2.50716 | 2.7708 | 3.06214 | 3.38408 | 3.73984 | 4.13299 |
| 0.421 | 1.52196 | 1.68215 | 1.85915 | 2.05473 | 2.27085 | 2.50967 | 2.77357 | 3.0652 | 3.38746 | 3.74358 | 4.13712 |
| 0.422 | 1.52348 | 1.68383 | 1.86101 | 2.05679 | 2.27313 | 2.51218 | 2.77635 | 3.06827 | 3.39085 | 3.74733 | 4.14126 |
| 0.423 | 1.52501 | 1.68552 | 1.86287 | 2.05885 | 2.2754 | 2.5147 | 2.77913 | 3.07134 | 3.39424 | 3.75108 | 4.1454 |
| 0.424 | 1.52653 | 1.6872 | 1.86474 | 2.06091 | 2.27768 | 2.51721 | 2.78191 | 3.07441 | 3.39764 | 3.75483 | 4.14955 |
| 0.425 | 1.52806 | 1.68889 | 1.8666 | 2.06297 | 2.27996 | 2.51973 | 2.78469 | 3.07749 | 3.40104 | 3.75859 | 4.1537 |
| 0.426 | 1.52959 | 1.69058 | 1.86847 | 2.06503 | 2.28224 | 2.52225 | 2.78748 | 3.08056 | 3.40444 | 3.76235 | 4.15786 |
| 0.427 | 1.53112 | 1.69227 | 1.87034 | 2.0671 | 2.28452 | 2.52478 | 2.79027 | 3.08365 | 3.40785 | 3.76611 | 4.16202 |
| 0.428 | 1.53265 | 1.69397 | 1.87221 | 2.06917 | 2.28681 | 2.5273 | 2.79306 | 3.08673 | 3.41126 | 3.76988 | 4.16618 |
| 0.429 | 1.53419 | 1.69566 | 1.87408 | 2.07124 | 2.28909 | 2.52983 | 2.79585 | 3.08982 | 3.41467 | 3.77365 | 4.17035 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.43 | 1.53572 | 1.69736 | 1.87596 | 2.07331 | 2.29138 | 2.53236 | 2.79865 | 3.09291 | 3.41809 | 3.77743 | 4.17452 |
| 0.431 | 1.53726 | 1.69906 | 1.87783 | 2.07538 | 2.29368 | 2.5349 | 2.80145 | 3.09601 | 3.42151 | 3.78121 | 4.1787 |
| 0.432 | 1.5388 | 1.70075 | 1.87971 | 2.07746 | 2.29597 | 2.53743 | 2.80425 | 3.0991 | 3.42493 | 3.78499 | 4.18288 |
| 0.433 | 1.54034 | 1.70246 | 1.88159 | 2.07954 | 2.29827 | 2.53997 | 2.80706 | 3.1022 | 3.42836 | 3.78878 | 4.18706 |
| 0.434 | 1.54188 | 1.70416 | 1.88348 | 2.08162 | 2.30057 | 2.54251 | 2.80987 | 3.10531 | 3.43179 | 3.79257 | 4.19125 |
| 0.435 | 1.54342 | 1.70586 | 1.88536 | 2.0837 | 2.30287 | 2.54506 | 2.81268 | 3.10842 | 3.43522 | 3.79636 | 4.19545 |
| 0.436 | 1.54496 | 1.70757 | 1.88725 | 2.08579 | 2.30517 | 2.5476 | 2.81549 | 3.11153 | 3.43866 | 3.80016 | 4.19965 |
| 0.437 | 1.54651 | 1.70928 | 1.88914 | 2.08787 | 2.30748 | 2.55015 | 2.81831 | 3.11464 | 3.4421 | 3.80396 | 4.20385 |
| 0.438 | 1.54806 | 1.71099 | 1.89103 | 2.08996 | 2.30979 | 2.5527 | 2.82113 | 3.11775 | 3.44554 | 3.80777 | 4.20805 |
| 0.439 | 1.5496 | 1.7127 | 1.89292 | 2.09205 | 2.3121 | 2.55526 | 2.82395 | 3.12087 | 3.44899 | 3.81158 | 4.21226 |
| 0.44 | 1.55116 | 1.71442 | 1.89481 | 2.09415 | 2.31441 | 2.55781 | 2.82678 | 3.124 | 3.45244 | 3.81539 | 4.21648 |
| 0.441 | 1.55271 | 1.71613 | 1.89671 | 2.09624 | 2.31673 | 2.56037 | 2.82961 | 3.12712 | 3.45589 | 3.81921 | 4.2207 |
| 0.442 | 1.55426 | 1.71785 | 1.89861 | 2.09834 | 2.31905 | 2.56293 | 2.83244 | 3.13025 | 3.45935 | 3.82303 | 4.22492 |
| 0.443 | 1.55582 | 1.71957 | 1.9005 | 2.10044 | 2.32137 | 2.5655 | 2.83527 | 3.13338 | 3.46281 | 3.82685 | 4.22915 |
| 0.444 | 1.55737 | 1.72129 | 1.90241 | 2.10254 | 2.32369 | 2.56806 | 2.83811 | 3.13652 | 3.46628 | 3.83068 | 4.23338 |
| 0.445 | 1.55893 | 1.72301 | 1.90431 | 2.10464 | 2.32601 | 2.57063 | 2.84095 | 3.13966 | 3.46975 | 3.83452 | 4.23761 |
| 0.446 | 1.56049 | 1.72473 | 1.90622 | 2.10675 | 2.32834 | 2.57321 | 2.84379 | 3.1428 | 3.47322 | 3.83835 | 4.24185 |
| 0.447 | 1.56205 | 1.72646 | 1.90812 | 2.10886 | 2.33067 | 2.57578 | 2.84663 | 3.14594 | 3.47669 | 3.84219 | 4.2461 |
| 0.448 | 1.56361 | 1.72819 | 1.91003 | 2.11097 | 2.333 | 2.57836 | 2.84948 | 3.14909 | 3.48017 | 3.84604 | 4.25034 |
| 0.449 | 1.56518 | 1.72992 | 1.91194 | 2.11308 | 2.33534 | 2.58094 | 2.85233 | 3.15224 | 3.48365 | 3.84988 | 4.2546 |
| 0.45 | 1.56674 | 1.73165 | 1.91386 | 2.11519 | 2.33767 | 2.58352 | 2.85519 | 3.15539 | 3.48714 | 3.85374 | 4.25885 |
| 0.451 | 1.56831 | 1.73338 | 1.91577 | 2.11731 | 2.34001 | 2.5861 | 2.85804 | 3.15855 | 3.49063 | 3.85759 | 4.26311 |
| 0.452 | 1.56988 | 1.73511 | 1.91769 | 2.11943 | 2.34235 | 2.58869 | 2.8609 | 3.16171 | 3.49412 | 3.86145 | 4.26738 |
| 0.453 | 1.57145 | 1.73685 | 1.91961 | 2.12155 | 2.3447 | 2.59128 | 2.86377 | 3.16487 | 3.49762 | 3.86532 | 4.27165 |
| 0.454 | 1.57302 | 1.73859 | 1.92153 | 2.12367 | 2.34704 | 2.59387 | 2.86663 | 3.16804 | 3.50111 | 3.86918 | 4.27592 |
| 0.455 | 1.5746 | 1.74033 | 1.92345 | 2.1258 | 2.34939 | 2.59647 | 2.8695 | 3.17121 | 3.50462 | 3.87305 | 4.2802 |
| 0.456 | 1.57617 | 1.74207 | 1.92537 | 2.12792 | 2.35174 | 2.59907 | 2.87237 | 3.17438 | 3.50812 | 3.87693 | 4.28448 |
| 0.457 | 1.57775 | 1.74381 | 1.9273 | 2.13005 | 2.3541 | 2.60167 | 2.87524 | 3.17756 | 3.51163 | 3.88081 | 4.28877 |
| 0.458 | 1.57933 | 1.74555 | 1.92923 | 2.13218 | 2.35645 | 2.60427 | 2.87812 | 3.18074 | 3.51515 | 3.88469 | 4.29306 |
| 0.459 | 1.58091 | 1.7473 | 1.93116 | 2.13432 | 2.35881 | 2.60688 | 2.881 | 3.18392 | 3.51866 | 3.88858 | 4.29736 |
| 0.46 | 1.58249 | 1.74905 | 1.93309 | 2.13645 | 2.36117 | 2.60948 | 2.88388 | 3.18711 | 3.52218 | 3.89247 | 4.30166 |
| 0.461 | 1.58407 | 1.7508 | 1.93502 | 2.13859 | 2.36353 | 2.6121 | 2.88677 | 3.19029 | 3.52571 | 3.89636 | 4.30596 |
| 0.462 | 1.58566 | 1.75255 | 1.93696 | 2.14073 | 2.3659 | 2.61471 | 2.88966 | 3.19349 | 3.52924 | 3.90026 | 4.31027 |
| 0.463 | 1.58725 | 1.7543 | 1.9389 | 2.14287 | 2.36826 | 2.61732 | 2.89255 | 3.19668 | 3.53277 | 3.90416 | 4.31458 |
| 0.464 | 1.58883 | 1.75606 | 1.94084 | 2.14502 | 2.37063 | 2.61994 | 2.89544 | 3.19988 | 3.5363 | 3.90807 | 4.3189 |
| 0.465 | 1.59042 | 1.75782 | 1.94278 | 2.14716 | 2.373 | 2.62256 | 2.89834 | 3.20308 | 3.53984 | 3.91198 | 4.32322 |
| 0.466 | 1.59201 | 1.75958 | 1.94472 | 2.14931 | 2.37538 | 2.62519 | 2.90124 | 3.20629 | 3.54338 | 3.91589 | 4.32754 |
| 0.467 | 1.59361 | 1.76134 | 1.94667 | 2.15146 | 2.37775 | 2.62782 | 2.90414 | 3.20949 | 3.54693 | 3.91981 | 4.33187 |
| 0.468 | 1.5952 | 1.7631 | 1.94862 | 2.15361 | 2.38013 | 2.63044 | 2.90705 | 3.21271 | 3.55048 | 3.92373 | 4.33621 |
| 0.469 | 1.5968 | 1.76486 | 1.95057 | 2.15577 | 2.38251 | 2.63308 | 2.90996 | 3.21592 | 3.55403 | 3.92766 | 4.34055 |
| 0.47 | 1.59839 | 1.76663 | 1.95252 | 2.15792 | 2.3849 | 2.63571 | 2.91287 | 3.21914 | 3.55758 | 3.93159 | 4.34489 |

| 0.471 | 1.59999 | 1.7684 | 1.95447 | 2.16008 | 2.38728 | 2.63835 | 2.91578 | 3.22236 | 3.56114 | 3.93552 | 4.34924 |
|-------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.472 | 1.60159 | 1.77016 | 1.95643 | 2.16224 | 2.38967 | 2.64099 | 2.9187 | 3.22558 | 3.56471 | 3.93946 | 4.35359 |
| 0.473 | 1.6032 | 1.77194 | 1.95838 | 2.16441 | 2.39206 | 2.64363 | 2.92162 | 3.22881 | 3.56827 | 3.9434 | 4.35794 |
| 0.474 | 1.6048 | 1.77371 | 1.96034 | 2.16657 | 2.39446 | 2.64627 | 2.92454 | 3.23204 | 3.57184 | 3.94735 | 4.3623 |
| 0.475 | 1.60641 | 1.77548 | 1.96231 | 2.16874 | 2.39685 | 2.64892 | 2.92747 | 3.23527 | 3.57542 | 3.95129 | 4.36667 |
| 0.476 | 1.60801 | 1.77726 | 1.96427 | 2.17091 | 2.39925 | 2.65157 | 2.9304 | 3.23851 | 3.57899 | 3.95525 | 4.37104 |
| 0.477 | 1.60962 | 1.77904 | 1.96623 | 2.17308 | 2.40165 | 2.65423 | 2.93333 | 3.24175 | 3.58257 | 3.95921 | 4.37541 |
| 0.478 | 1.61123 | 1.78082 | 1.9682 | 2.17526 | 2.40405 | 2.65688 | 2.93626 | 3.24499 | 3.58616 | 3.96317 | 4.37979 |
| 0.479 | 1.61285 | 1.7826 | 1.97017 | 2.17743 | 2.40646 | 2.65954 | 2.9392 | 3.24824 | 3.58975 | 3.96713 | 4.38417 |
| 0.48 | 1.61446 | 1.78438 | 1.97214 | 2.17961 | 2.40887 | 2.6622 | 2.94214 | 3.25149 | 3.59334 | 3.9711 | 4.38855 |
| 0.481 | 1.61607 | 1.78617 | 1.97411 | 2.18179 | 2.41128 | 2.66486 | 2.94509 | 3.25474 | 3.59693 | 3.97507 | 4.39295 |
| 0.482 | 1.61769 | 1.78796 | 1.97609 | 2.18398 | 2.41369 | 2.66753 | 2.94803 | 3.258 | 3.60053 | 3.97905 | 4.39734 |
| 0.483 | 1.61931 | 1.78974 | 1.97807 | 2.18616 | 2.4161 | 2.6702 | 2.95098 | 3.26126 | 3.60413 | 3.98303 | 4.40174 |
| 0.484 | 1.62093 | 1.79153 | 1.98005 | 2.18835 | 2.41852 | 2.67287 | 2.95393 | 3.26452 | 3.60774 | 3.98702 | 4.40614 |
| 0.485 | 1.62255 | 1.79333 | 1.98203 | 2.19054 | 2.42094 | 2.67554 | 2.95689 | 3.26779 | 3.61135 | 3.99101 | 4.41055 |
| 0.486 | 1.62418 | 1.79512 | 1.98401 | 2.19273 | 2.42336 | 2.67822 | 2.95985 | 3.27106 | 3.61496 | 3.995 | 4.41497 |
| 0.487 | 1.6258 | 1.79692 | 1.98599 | 2.19492 | 2.42579 | 2.6809 | 2.96281 | 3.27433 | 3.61858 | 3.999 | 4.41938 |
| 0.488 | 1.62743 | 1.79872 | 1.98798 | 2.19712 | 2.42822 | 2.68358 | 2.96577 | 3.27761 | 3.6222 | 4.003 | 4.4238 |
| 0.489 | 1.62905 | 1.80051 | 1.98997 | 2.19932 | 2.43065 | 2.68627 | 2.96874 | 3.28089 | 3.62582 | 4.007 | 4.42823 |
| 0.49 | 1.63068 | 1.80232 | 1.99196 | 2.20152 | 2.43308 | 2.68896 | 2.97171 | 3.28417 | 3.62945 | 4.01101 | 4.43266 |
| 0.491 | 1.63232 | 1.80412 | 1.99395 | 2.20372 | 2.43551 | 2.69165 | 2.97468 | 3.28745 | 3.63308 | 4.01502 | 4.4371 |
| 0.492 | 1.63395 | 1.80592 | 1.99595 | 2.20592 | 2.43795 | 2.69434 | 2.97766 | 3.29074 | 3.63672 | 4.01904 | 4.44153 |
| 0.493 | 1.63558 | 1.80773 | 1.99795 | 2.20813 | 2.44039 | 2.69703 | 2.98064 | 3.29404 | 3.64036 | 4.02306 | 4.44598 |
| 0.494 | 1.63722 | 1.80954 | 1.99995 | 2.21034 | 2.44283 | 2.69973 | 2.98362 | 3.29733 | 3.644 | 4.02709 | 4.45043 |
| 0.495 | 1.63886 | 1.81135 | 2.00195 | 2.21255 | 2.44527 | 2.70243 | 2.98661 | 3.30063 | 3.64764 | 4.03112 | 4.45488 |
| 0.496 | 1.6405 | 1.81316 | 2.00395 | 2.21477 | 2.44772 | 2.70514 | 2.98959 | 3.30393 | 3.65129 | 4.03515 | 4.45934 |
| 0.497 | 1.64214 | 1.81498 | 2.00595 | 2.21698 | 2.45017 | 2.70784 | 2.99259 | 3.30724 | 3.65495 | 4.03919 | 4.4638 |
| 0.498 | 1.64378 | 1.81679 | 2.00796 | 2.2192 | 2.45262 | 2.71055 | 2.99558 | 3.31055 | 3.6586 | 4.04323 | 4.46826 |
| 0.499 | 1.64543 | 1.81861 | 2.00997 | 2.22142 | 2.45507 | 2.71327 | 2.99858 | 3.31386 | 3.66226 | 4.04727 | 4.47273 |
| 0.5 | 1.64707 | 1.82043 | 2.01198 | 2.22364 | 2.45753 | 2.71598 | 3.00158 | 3.31718 | 3.66593 | 4.05132 | 4.47721 |
| 0.501 | 1.64872 | 1.82225 | 2.01399 | 2.22587 | 2.45999 | 2.7187 | 3.00458 | 3.32049 | 3.6696 | 4.05538 | 4.48169 |
| 0.502 | 1.65037 | 1.82407 | 2.01601 | 2.22809 | 2.46245 | 2.72142 | 3.00759 | 3.32382 | 3.67327 | 4.05943 | 4.48617 |
| 0.503 | 1.65202 | 1.8259 | 2.01803 | 2.23032 | 2.46491 | 2.72414 | 3.0106 | 3.32714 | 3.67694 | 4.06349 | 4.49066 |
| 0.504 | 1.65367 | 1.82773 | 2.02005 | 2.23256 | 2.46738 | 2.72687 | 3.01361 | 3.33047 | 3.68062 | 4.06756 | 4.49515 |
| 0.505 | 1.65533 | 1.82955 | 2.02207 | 2.23479 | 2.46985 | 2.72959 | 3.01662 | 3.3338 | 3.6843 | 4.07163 | 4.49965 |
| 0.506 | 1.65699 | 1.83139 | 2.02409 | 2.23703 | 2.47232 | 2.73233 | 3.01964 | 3.33714 | 3.68799 | 4.0757 | 4.50415 |
| 0.507 | 1.65864 | 1.83322 | 2.02611 | 2.23926 | 2.47479 | 2.73506 | 3.02266 | 3.34048 | 3.69168 | 4.07978 | 4.50866 |
| 0.508 | 1.6603 | 1.83505 | 2.02814 | 2.2415 | 2.47727 | 2.7378 | 3.02569 | 3.34382 | 3.69537 | 4.08386 | 4.51317 |
| 0.509 | 1.66196 | 1.83689 | 2.03017 | 2.24375 | 2.47975 | 2.74053 | 3.02871 | 3.34716 | 3.69907 | 4.08795 | 4.51769 |
| 0.51 | 1.66363 | 1.83873 | 2.0322 | 2.24599 | 2.48223 | 2.74328 | 3.03174 | 3.35051 | 3.70277 | 4.09204 | 4.52221 |
| 0.511 | 1.66529 | 1.84057 | 2.03424 | 2.24824 | 2.48471 | 2.74602 | 3.03478 | 3.35387 | 3.70648 | 4.09613 | 4.52673 |

| 0.512 | 1.66696 | 1.84241 | 2.03627 | 2.25049 | 2.4872 | 2.74877 | 3.03781 | 3.35722 | 3.71018 | 4.10023 | 4.53126 |
| 0.513 | 1.66863 | 1.84425 | 2.03831 | 2.25274 | 2.48969 | 2.75152 | 3.04085 | 3.36058 | 3.7139 | 4.10433 | 4.53579 |
| 0.514 | 1.67029 | 1.8461 | 2.04035 | 2.25499 | 2.49218 | 2.75427 | 3.0439 | 3.36394 | 3.71761 | 4.10844 | 4.54033 |
| 0.515 | 1.67197 | 1.84794 | 2.04239 | 2.25725 | 2.49467 | 2.75703 | 3.04694 | 3.36731 | 3.72133 | 4.11255 | 4.54487 |
| 0.516 | 1.67364 | 1.84979 | 2.04443 | 2.25951 | 2.49717 | 2.75979 | 3.04999 | 3.37068 | 3.72505 | 4.11666 | 4.54942 |
| 0.517 | 1.67531 | 1.85164 | 2.04648 | 2.26177 | 2.49967 | 2.76255 | 3.05304 | 3.37405 | 3.72878 | 4.12078 | 4.55397 |
| 0.518 | 1.67699 | 1.85349 | 2.04853 | 2.26403 | 2.50217 | 2.76531 | 3.0561 | 3.37743 | 3.73251 | 4.12491 | 4.55853 |
| 0.519 | 1.67867 | 1.85535 | 2.05057 | 2.2663 | 2.50467 | 2.76808 | 3.05915 | 3.3808 | 3.73625 | 4.12903 | 4.56309 |
| 0.52 | 1.68035 | 1.85721 | 2.05263 | 2.26856 | 2.50718 | 2.77085 | 3.06221 | 3.38419 | 3.73999 | 4.13316 | 4.56766 |
| 0.521 | 1.68203 | 1.85906 | 2.05468 | 2.27083 | 2.50968 | 2.77362 | 3.06528 | 3.38757 | 3.74373 | 4.1373 | 4.57223 |
| 0.522 | 1.68371 | 1.86092 | 2.05674 | 2.27311 | 2.5122 | 2.77639 | 3.06834 | 3.39096 | 3.74747 | 4.14144 | 4.5768 |
| 0.523 | 1.6854 | 1.86279 | 2.05879 | 2.27538 | 2.51471 | 2.77917 | 3.07141 | 3.39435 | 3.75122 | 4.14558 | 4.58138 |
| 0.524 | 1.68708 | 1.86465 | 2.06085 | 2.27766 | 2.51722 | 2.78195 | 3.07449 | 3.39775 | 3.75498 | 4.14973 | 4.58596 |
| 0.525 | 1.68877 | 1.86651 | 2.06292 | 2.27994 | 2.51974 | 2.78474 | 3.07756 | 3.40115 | 3.75873 | 4.15388 | 4.59055 |
| 0.526 | 1.69046 | 1.86838 | 2.06498 | 2.28222 | 2.52226 | 2.78752 | 3.08064 | 3.40455 | 3.76249 | 4.15804 | 4.59514 |
| 0.527 | 1.69215 | 1.87025 | 2.06705 | 2.2845 | 2.52479 | 2.79031 | 3.08372 | 3.40796 | 3.76626 | 4.1622 | 4.59974 |
| 0.528 | 1.69384 | 1.87212 | 2.06911 | 2.28679 | 2.52731 | 2.7931 | 3.08681 | 3.41137 | 3.77003 | 4.16636 | 4.60434 |
| 0.529 | 1.69554 | 1.874 | 2.07118 | 2.28907 | 2.52984 | 2.7959 | 3.0899 | 3.41478 | 3.7738 | 4.17053 | 4.60895 |
| 0.53 | 1.69723 | 1.87587 | 2.07326 | 2.29136 | 2.53237 | 2.7987 | 3.09299 | 3.4182 | 3.77757 | 4.1747 | 4.61356 |
| 0.531 | 1.69893 | 1.87775 | 2.07533 | 2.29366 | 2.53491 | 2.8015 | 3.09608 | 3.42162 | 3.78135 | 4.17888 | 4.61818 |
| 0.532 | 1.70063 | 1.87963 | 2.07741 | 2.29595 | 2.53744 | 2.8043 | 3.09918 | 3.42504 | 3.78514 | 4.18306 | 4.6228 |
| 0.533 | 1.70233 | 1.88151 | 2.07948 | 2.29825 | 2.53998 | 2.8071 | 3.10228 | 3.42847 | 3.78892 | 4.18725 | 4.62742 |
| 0.534 | 1.70404 | 1.88339 | 2.08157 | 2.30055 | 2.54252 | 2.80991 | 3.10539 | 3.4319 | 3.79271 | 4.19144 | 4.63205 |
| 0.535 | 1.70574 | 1.88527 | 2.08365 | 2.30285 | 2.54507 | 2.81272 | 3.10849 | 3.43533 | 3.79651 | 4.19563 | 4.63669 |
| 0.536 | 1.70745 | 1.88716 | 2.08573 | 2.30515 | 2.54761 | 2.81554 | 3.1116 | 3.43877 | 3.80031 | 4.19983 | 4.64133 |
| 0.537 | 1.70916 | 1.88905 | 2.08782 | 2.30746 | 2.55016 | 2.81835 | 3.11472 | 3.44221 | 3.80411 | 4.20403 | 4.64597 |
| 0.538 | 1.71087 | 1.89094 | 2.08991 | 2.30977 | 2.55271 | 2.82117 | 3.11783 | 3.44565 | 3.80791 | 4.20824 | 4.65062 |
| 0.539 | 1.71258 | 1.89283 | 2.092 | 2.31208 | 2.55527 | 2.824 | 3.12095 | 3.4491 | 3.81172 | 4.21245 | 4.65527 |
| 0.54 | 1.71429 | 1.89472 | 2.09409 | 2.31439 | 2.55782 | 2.82682 | 3.12407 | 3.45255 | 3.81554 | 4.21666 | 4.65993 |
| 0.541 | 1.71601 | 1.89662 | 2.09619 | 2.31671 | 2.56038 | 2.82965 | 3.1272 | 3.45601 | 3.81936 | 4.22088 | 4.66459 |
| 0.542 | 1.71772 | 1.89852 | 2.09828 | 2.31903 | 2.56295 | 2.83248 | 3.13033 | 3.45946 | 3.82318 | 4.2251 | 4.66926 |
| 0.543 | 1.71944 | 1.90042 | 2.10038 | 2.32135 | 2.56551 | 2.83532 | 3.13346 | 3.46293 | 3.827 | 4.22933 | 4.67393 |
| 0.544 | 1.72116 | 1.90232 | 2.10249 | 2.32367 | 2.56808 | 2.83815 | 3.1366 | 3.46639 | 3.83083 | 4.23356 | 4.67861 |
| 0.545 | 1.72288 | 1.90422 | 2.10459 | 2.32599 | 2.57065 | 2.84099 | 3.13973 | 3.46986 | 3.83466 | 4.2378 | 4.68329 |
| 0.546 | 1.72461 | 1.90613 | 2.10669 | 2.32832 | 2.57322 | 2.84383 | 3.14288 | 3.47333 | 3.8385 | 4.24204 | 4.68797 |
| 0.547 | 1.72633 | 1.90803 | 2.1088 | 2.33065 | 2.57579 | 2.84668 | 3.14602 | 3.4768 | 3.84234 | 4.24628 | 4.69266 |
| 0.548 | 1.72806 | 1.90994 | 2.11091 | 2.33298 | 2.57837 | 2.84953 | 3.14917 | 3.48028 | 3.84618 | 4.25053 | 4.69736 |
| 0.549 | 1.72979 | 1.91185 | 2.11302 | 2.33532 | 2.58095 | 2.85238 | 3.15232 | 3.48377 | 3.85003 | 4.25478 | 4.70206 |
| 0.55 | 1.73152 | 1.91377 | 2.11514 | 2.33765 | 2.58353 | 2.85523 | 3.15547 | 3.48725 | 3.85388 | 4.25904 | 4.70676 |
| 0.551 | 1.73325 | 1.91568 | 2.11725 | 2.33999 | 2.58612 | 2.85809 | 3.15863 | 3.49074 | 3.85774 | 4.2633 | 4.71147 |
| 0.552 | 1.73499 | 1.9176 | 2.11937 | 2.34233 | 2.5887 | 2.86095 | 3.16179 | 3.49423 | 3.8616 | 4.26757 | 4.71618 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.553 | 1.73672 | 1.91952 | 2.12149 | 2.34468 | 2.59129 | 2.86381 | 3.16495 | 3.49773 | 3.86546 | 4.27183 | 4.7209 |
| 0.554 | 1.73846 | 1.92144 | 2.12362 | 2.34702 | 2.59389 | 2.86668 | 3.16812 | 3.50123 | 3.86933 | 4.27611 | 4.72563 |
| 0.555 | 1.7402 | 1.92336 | 2.12574 | 2.34937 | 2.59648 | 2.86954 | 3.17129 | 3.50473 | 3.8732 | 4.28039 | 4.73035 |
| 0.556 | 1.74194 | 1.92528 | 2.12787 | 2.35172 | 2.59908 | 2.87242 | 3.17446 | 3.50824 | 3.87708 | 4.28467 | 4.73509 |
| 0.557 | 1.74368 | 1.92721 | 2.13 | 2.35407 | 2.60168 | 2.87529 | 3.17764 | 3.51175 | 3.88096 | 4.28896 | 4.73982 |
| 0.558 | 1.74543 | 1.92914 | 2.13213 | 2.35643 | 2.60428 | 2.87817 | 3.18082 | 3.51526 | 3.88484 | 4.29325 | 4.74457 |
| 0.559 | 1.74717 | 1.93107 | 2.13426 | 2.35879 | 2.60689 | 2.88105 | 3.184 | 3.51878 | 3.88873 | 4.29754 | 4.74931 |
| 0.56 | 1.74892 | 1.933 | 2.1364 | 2.36115 | 2.6095 | 2.88393 | 3.18719 | 3.5223 | 3.89262 | 4.30184 | 4.75406 |
| 0.561 | 1.75067 | 1.93493 | 2.13853 | 2.36351 | 2.61211 | 2.88681 | 3.19037 | 3.52582 | 3.89651 | 4.30615 | 4.75882 |
| 0.562 | 1.75242 | 1.93687 | 2.14067 | 2.36587 | 2.61472 | 2.8897 | 3.19357 | 3.52935 | 3.90041 | 4.31045 | 4.76358 |
| 0.563 | 1.75418 | 1.93881 | 2.14281 | 2.36824 | 2.61734 | 2.89259 | 3.19676 | 3.53288 | 3.90431 | 4.31477 | 4.76835 |
| 0.564 | 1.75593 | 1.94075 | 2.14496 | 2.37061 | 2.61996 | 2.89549 | 3.19996 | 3.53642 | 3.90822 | 4.31908 | 4.77312 |
| 0.565 | 1.75769 | 1.94269 | 2.1471 | 2.37298 | 2.62258 | 2.89838 | 3.20316 | 3.53995 | 3.91213 | 4.32341 | 4.77789 |
| 0.566 | 1.75945 | 1.94463 | 2.14925 | 2.37536 | 2.6252 | 2.90128 | 3.20637 | 3.5435 | 3.91604 | 4.32773 | 4.78267 |
| 0.567 | 1.76121 | 1.94658 | 2.1514 | 2.37773 | 2.62783 | 2.90419 | 3.20957 | 3.54704 | 3.91996 | 4.33206 | 4.78746 |
| 0.568 | 1.76297 | 1.94853 | 2.15356 | 2.38011 | 2.63046 | 2.90709 | 3.21279 | 3.55059 | 3.92388 | 4.3364 | 4.79225 |
| 0.569 | 1.76473 | 1.95047 | 2.15571 | 2.38249 | 2.63309 | 2.91 | 3.216 | 3.55414 | 3.92781 | 4.34073 | 4.79704 |
| 0.57 | 1.7665 | 1.95243 | 2.15787 | 2.38488 | 2.63572 | 2.91291 | 3.21922 | 3.5577 | 3.93174 | 4.34508 | 4.80184 |
| 0.571 | 1.76827 | 1.95438 | 2.16003 | 2.38726 | 2.63836 | 2.91583 | 3.22244 | 3.56126 | 3.93567 | 4.34942 | 4.80665 |
| 0.572 | 1.77004 | 1.95634 | 2.16219 | 2.38965 | 2.641 | 2.91874 | 3.22566 | 3.56482 | 3.93961 | 4.35378 | 4.81146 |
| 0.573 | 1.77181 | 1.95829 | 2.16435 | 2.39204 | 2.64364 | 2.92166 | 3.22889 | 3.56839 | 3.94355 | 4.35813 | 4.81627 |
| 0.574 | 1.77358 | 1.96025 | 2.16652 | 2.39444 | 2.64629 | 2.92459 | 3.23212 | 3.57196 | 3.9475 | 4.36249 | 4.82109 |
| 0.575 | 1.77535 | 1.96221 | 2.16868 | 2.39683 | 2.64893 | 2.92751 | 3.23535 | 3.57553 | 3.95145 | 4.36686 | 4.82591 |
| 0.576 | 1.77713 | 1.96418 | 2.17085 | 2.39923 | 2.65158 | 2.93044 | 3.23859 | 3.57911 | 3.9554 | 4.37123 | 4.83074 |
| 0.577 | 1.77891 | 1.96614 | 2.17303 | 2.40163 | 2.65424 | 2.93337 | 3.24183 | 3.58269 | 3.95936 | 4.3756 | 4.83557 |
| 0.578 | 1.78069 | 1.96811 | 2.1752 | 2.40403 | 2.65689 | 2.93631 | 3.24507 | 3.58627 | 3.96332 | 4.37998 | 4.84041 |
| 0.579 | 1.78247 | 1.97008 | 2.17738 | 2.40644 | 2.65955 | 2.93925 | 3.24832 | 3.58986 | 3.96728 | 4.38436 | 4.84526 |
| 0.58 | 1.78425 | 1.97205 | 2.17955 | 2.40884 | 2.66221 | 2.94219 | 3.25157 | 3.59345 | 3.97125 | 4.38875 | 4.8501 |
| 0.581 | 1.78604 | 1.97402 | 2.18173 | 2.41125 | 2.66488 | 2.94513 | 3.25482 | 3.59705 | 3.97523 | 4.39314 | 4.85496 |
| 0.582 | 1.78783 | 1.976 | 2.18392 | 2.41367 | 2.66754 | 2.94808 | 3.25808 | 3.60065 | 3.9792 | 4.39753 | 4.85981 |
| 0.583 | 1.78961 | 1.97797 | 2.1861 | 2.41608 | 2.67021 | 2.95103 | 3.26134 | 3.60425 | 3.98319 | 4.40193 | 4.86468 |
| 0.584 | 1.7914 | 1.97995 | 2.18829 | 2.4185 | 2.67288 | 2.95398 | 3.2646 | 3.60786 | 3.98717 | 4.40634 | 4.86954 |
| 0.585 | 1.7932 | 1.98193 | 2.19048 | 2.42092 | 2.67556 | 2.95694 | 3.26787 | 3.61147 | 3.99116 | 4.41074 | 4.87441 |
| 0.586 | 1.79499 | 1.98392 | 2.19267 | 2.42334 | 2.67823 | 2.95989 | 3.27114 | 3.61508 | 3.99515 | 4.41516 | 4.87929 |
| 0.587 | 1.79679 | 1.9859 | 2.19486 | 2.42577 | 2.68091 | 2.96286 | 3.27441 | 3.6187 | 3.99915 | 4.41957 | 4.88417 |
| 0.588 | 1.79858 | 1.98789 | 2.19706 | 2.42819 | 2.6836 | 2.96582 | 3.27769 | 3.62232 | 4.00315 | 4.424 | 4.88906 |
| 0.589 | 1.80038 | 1.98988 | 2.19926 | 2.43062 | 2.68628 | 2.96879 | 3.28097 | 3.62594 | 4.00716 | 4.42842 | 4.89395 |
| 0.59 | 1.80219 | 1.99187 | 2.20146 | 2.43305 | 2.68897 | 2.97176 | 3.28425 | 3.62957 | 4.01117 | 4.43285 | 4.89885 |
| 0.591 | 1.80399 | 1.99386 | 2.20366 | 2.43549 | 2.69166 | 2.97473 | 3.28754 | 3.6332 | 4.01518 | 4.43729 | 4.90375 |
| 0.592 | 1.80579 | 1.99586 | 2.20587 | 2.43793 | 2.69435 | 2.97771 | 3.29083 | 3.63684 | 4.0192 | 4.44173 | 4.90866 |
| 0.593 | 1.8076 | 1.99785 | 2.20807 | 2.44036 | 2.69705 | 2.98069 | 3.29412 | 3.64047 | 4.02322 | 4.44617 | 4.91357 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.594 | 1.80941 | 1.99985 | 2.21028 | 2.44281 | 2.69975 | 2.98367 | 3.29741 | 3.64412 | 4.02724 | 4.45062 | 4.91848 |
| 0.595 | 1.81122 | 2.00185 | 2.21249 | 2.44525 | 2.70245 | 2.98665 | 3.30071 | 3.64776 | 4.03127 | 4.45507 | 4.9234 |
| 0.596 | 1.81303 | 2.00386 | 2.21471 | 2.4477 | 2.70515 | 2.98964 | 3.30401 | 3.65141 | 4.0353 | 4.45953 | 4.92833 |
| 0.597 | 1.81484 | 2.00586 | 2.21692 | 2.45015 | 2.70786 | 2.99263 | 3.30732 | 3.65506 | 4.03934 | 4.46399 | 4.93326 |
| 0.598 | 1.81666 | 2.00787 | 2.21914 | 2.4526 | 2.71057 | 2.99563 | 3.31063 | 3.65872 | 4.04338 | 4.46846 | 4.9382 |
| 0.599 | 1.81848 | 2.00988 | 2.22136 | 2.45505 | 2.71328 | 2.99862 | 3.31394 | 3.66238 | 4.04743 | 4.47293 | 4.94314 |
| 0.6 | 1.8203 | 2.01189 | 2.22358 | 2.45751 | 2.71599 | 3.00162 | 3.31726 | 3.66605 | 4.05148 | 4.4774 | 4.94808 |
| 0.601 | 1.82212 | 2.0139 | 2.22581 | 2.45997 | 2.71871 | 3.00463 | 3.32058 | 3.66971 | 4.05553 | 4.48188 | 4.95303 |
| 0.602 | 1.82394 | 2.01591 | 2.22804 | 2.46243 | 2.72143 | 3.00763 | 3.3239 | 3.67339 | 4.05959 | 4.48637 | 4.95799 |
| 0.603 | 1.82577 | 2.01793 | 2.23027 | 2.46489 | 2.72415 | 3.01064 | 3.32722 | 3.67706 | 4.06365 | 4.49086 | 4.96295 |
| 0.604 | 1.82759 | 2.01995 | 2.2325 | 2.46736 | 2.72688 | 3.01365 | 3.33055 | 3.68074 | 4.06772 | 4.49535 | 4.96791 |
| 0.605 | 1.82942 | 2.02197 | 2.23473 | 2.46983 | 2.72961 | 3.01667 | 3.33389 | 3.68442 | 4.07179 | 4.49985 | 4.97288 |
| 0.606 | 1.83125 | 2.02399 | 2.23697 | 2.4723 | 2.73234 | 3.01969 | 3.33722 | 3.68811 | 4.07586 | 4.50435 | 4.97786 |
| 0.607 | 1.83308 | 2.02602 | 2.2392 | 2.47477 | 2.73507 | 3.02271 | 3.34056 | 3.6918 | 4.07994 | 4.50886 | 4.98284 |
| 0.608 | 1.83492 | 2.02805 | 2.24144 | 2.47725 | 2.73781 | 3.02573 | 3.3439 | 3.69549 | 4.08402 | 4.51337 | 4.98783 |
| 0.609 | 1.83675 | 2.03008 | 2.24369 | 2.47972 | 2.74055 | 3.02876 | 3.34725 | 3.69919 | 4.08811 | 4.51788 | 4.99282 |
| 0.61 | 1.83859 | 2.03211 | 2.24593 | 2.48221 | 2.74329 | 3.03179 | 3.3506 | 3.70289 | 4.0922 | 4.5224 | 4.99781 |
| 0.611 | 1.84043 | 2.03414 | 2.24818 | 2.48469 | 2.74603 | 3.03482 | 3.35395 | 3.7066 | 4.09629 | 4.52693 | 5.00281 |
| 0.612 | 1.84227 | 2.03617 | 2.25043 | 2.48717 | 2.74878 | 3.03786 | 3.3573 | 3.7103 | 4.10039 | 4.53146 | 5.00782 |
| 0.613 | 1.84412 | 2.03821 | 2.25268 | 2.48966 | 2.75153 | 3.0409 | 3.36066 | 3.71402 | 4.10449 | 4.53599 | 5.01283 |
| 0.614 | 1.84596 | 2.04025 | 2.25493 | 2.49215 | 2.75428 | 3.04394 | 3.36403 | 3.71773 | 4.1086 | 4.54053 | 5.01784 |
| 0.615 | 1.84781 | 2.04229 | 2.25719 | 2.49465 | 2.75704 | 3.04699 | 3.36739 | 3.72145 | 4.11271 | 4.54507 | 5.02286 |
| 0.616 | 1.84966 | 2.04434 | 2.25945 | 2.49714 | 2.7598 | 3.05004 | 3.37076 | 3.72518 | 4.11682 | 4.54962 | 5.02789 |
| 0.617 | 1.85151 | 2.04638 | 2.26171 | 2.49964 | 2.76256 | 3.05309 | 3.37413 | 3.7289 | 4.12094 | 4.55417 | 5.03292 |
| 0.618 | 1.85336 | 2.04843 | 2.26397 | 2.50214 | 2.76532 | 3.05614 | 3.37751 | 3.73263 | 4.12507 | 4.55873 | 5.03795 |
| 0.619 | 1.85521 | 2.05048 | 2.26624 | 2.50465 | 2.76809 | 3.0592 | 3.38089 | 3.73637 | 4.12919 | 4.56329 | 5.04299 |
| 0.62 | 1.85707 | 2.05253 | 2.2685 | 2.50715 | 2.77086 | 3.06226 | 3.38427 | 3.74011 | 4.13332 | 4.56785 | 5.04804 |
| 0.621 | 1.85893 | 2.05458 | 2.27077 | 2.50966 | 2.77363 | 3.06532 | 3.38766 | 3.74385 | 4.13746 | 4.57242 | 5.05309 |
| 0.622 | 1.86079 | 2.05664 | 2.27305 | 2.51217 | 2.77641 | 3.06839 | 3.39105 | 3.74759 | 4.1416 | 4.577 | 5.05815 |
| 0.623 | 1.86265 | 2.0587 | 2.27532 | 2.51468 | 2.77918 | 3.07146 | 3.39444 | 3.75134 | 4.14574 | 4.58158 | 5.06321 |
| 0.624 | 1.86451 | 2.06076 | 2.2776 | 2.5172 | 2.78196 | 3.07453 | 3.39783 | 3.7551 | 4.14989 | 4.58616 | 5.06827 |
| 0.625 | 1.86638 | 2.06282 | 2.27987 | 2.51972 | 2.78475 | 3.07761 | 3.40123 | 3.75885 | 4.15404 | 4.59075 | 5.07334 |
| 0.626 | 1.86825 | 2.06488 | 2.28216 | 2.52224 | 2.78753 | 3.08069 | 3.40464 | 3.76261 | 4.1582 | 4.59534 | 5.07842 |
| 0.627 | 1.87012 | 2.06695 | 2.28444 | 2.52476 | 2.79032 | 3.08377 | 3.40804 | 3.76638 | 4.16236 | 4.59994 | 5.0835 |
| 0.628 | 1.87199 | 2.06902 | 2.28672 | 2.52729 | 2.79312 | 3.08686 | 3.41145 | 3.77015 | 4.16652 | 4.60454 | 5.08859 |
| 0.629 | 1.87386 | 2.07109 | 2.28901 | 2.52982 | 2.79591 | 3.08995 | 3.41487 | 3.77392 | 4.17069 | 4.60915 | 5.09368 |
| 0.63 | 1.87573 | 2.07316 | 2.2913 | 2.53235 | 2.79871 | 3.09304 | 3.41828 | 3.77769 | 4.17486 | 4.61376 | 5.09877 |
| 0.631 | 1.87761 | 2.07523 | 2.2936 | 2.53488 | 2.80151 | 3.09613 | 3.4217 | 3.78147 | 4.17904 | 4.61838 | 5.10387 |
| 0.632 | 1.87949 | 2.07731 | 2.29589 | 2.53742 | 2.80431 | 3.09923 | 3.42513 | 3.78526 | 4.18322 | 4.623 | 5.10898 |
| 0.633 | 1.88137 | 2.07939 | 2.29819 | 2.53996 | 2.80712 | 3.10233 | 3.42855 | 3.78904 | 4.18741 | 4.62762 | 5.11409 |
| 0.634 | 1.88325 | 2.08147 | 2.30049 | 2.5425 | 2.80992 | 3.10543 | 3.43198 | 3.79284 | 4.1916 | 4.63225 | 5.11921 |

| 0.635 | 1.88514 | 2.08355 | 2.30279 | 2.54504 | 2.81274 | 3.10854 | 3.43542 | 3.79663 | 4.19579 | 4.63689 | 5.12433 |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.636 | 1.88702 | 2.08563 | 2.30509 | 2.54759 | 2.81555 | 3.11165 | 3.43885 | 3.80043 | 4.19999 | 4.64153 | 5.12946 |
| 0.637 | 1.88891 | 2.08772 | 2.3074 | 2.55014 | 2.81837 | 3.11476 | 3.4423 | 3.80423 | 4.20419 | 4.64617 | 5.13459 |
| 0.638 | 1.8908 | 2.08981 | 2.30971 | 2.55269 | 2.82119 | 3.11788 | 3.44574 | 3.80804 | 4.2084 | 4.65082 | 5.13973 |
| 0.639 | 1.89269 | 2.0919 | 2.31202 | 2.55524 | 2.82401 | 3.121 | 3.44919 | 3.81185 | 4.21261 | 4.65547 | 5.14487 |
| 0.64 | 1.89459 | 2.09399 | 2.31433 | 2.5578 | 2.82683 | 3.12412 | 3.45264 | 3.81566 | 4.21682 | 4.66013 | 5.15002 |
| 0.641 | 1.89648 | 2.09609 | 2.31665 | 2.56036 | 2.82966 | 3.12725 | 3.45609 | 3.81948 | 4.22104 | 4.66479 | 5.15517 |
| 0.642 | 1.89838 | 2.09819 | 2.31896 | 2.56292 | 2.83249 | 3.13038 | 3.45955 | 3.8233 | 4.22526 | 4.66946 | 5.16033 |
| 0.643 | 1.90028 | 2.10028 | 2.32128 | 2.56548 | 2.83533 | 3.13351 | 3.46301 | 3.82713 | 4.22949 | 4.67413 | 5.16549 |
| 0.644 | 1.90218 | 2.10239 | 2.32361 | 2.56805 | 2.83816 | 3.13664 | 3.46648 | 3.83095 | 4.23372 | 4.67881 | 5.17066 |
| 0.645 | 1.90408 | 2.10449 | 2.32593 | 2.57062 | 2.841 | 3.13978 | 3.46994 | 3.83479 | 4.23796 | 4.68349 | 5.17583 |
| 0.646 | 1.90599 | 2.1066 | 2.32826 | 2.57319 | 2.84385 | 3.14292 | 3.47342 | 3.83862 | 4.2422 | 4.68818 | 5.18101 |
| 0.647 | 1.90789 | 2.1087 | 2.33059 | 2.57577 | 2.84669 | 3.14607 | 3.47689 | 3.84246 | 4.24644 | 4.69287 | 5.18619 |
| 0.648 | 1.9098 | 2.11081 | 2.33292 | 2.57834 | 2.84954 | 3.14922 | 3.48037 | 3.84631 | 4.25069 | 4.69756 | 5.19138 |
| 0.649 | 1.91171 | 2.11292 | 2.33525 | 2.58092 | 2.85239 | 3.15237 | 3.48385 | 3.85016 | 4.25494 | 4.70226 | 5.19658 |
| 0.65 | 1.91363 | 2.11504 | 2.33759 | 2.58351 | 2.85524 | 3.15552 | 3.48734 | 3.85401 | 4.2592 | 4.70697 | 5.20178 |
| 0.651 | 1.91554 | 2.11715 | 2.33993 | 2.58609 | 2.8581 | 3.15868 | 3.49083 | 3.85787 | 4.26346 | 4.71167 | 5.20698 |
| 0.652 | 1.91746 | 2.11927 | 2.34227 | 2.58868 | 2.86096 | 3.16184 | 3.49432 | 3.86172 | 4.26773 | 4.71639 | 5.21219 |
| 0.653 | 1.91938 | 2.12139 | 2.34461 | 2.59127 | 2.86382 | 3.165 | 3.49781 | 3.86559 | 4.272 | 4.72111 | 5.2174 |
| 0.654 | 1.9213 | 2.12352 | 2.34696 | 2.59386 | 2.86669 | 3.16817 | 3.50131 | 3.86946 | 4.27627 | 4.72583 | 5.22262 |
| 0.655 | 1.92322 | 2.12564 | 2.34931 | 2.59646 | 2.86956 | 3.17134 | 3.50482 | 3.87333 | 4.28055 | 4.73056 | 5.22785 |
| 0.656 | 1.92514 | 2.12777 | 2.35166 | 2.59905 | 2.87243 | 3.17451 | 3.50832 | 3.8772 | 4.28483 | 4.73529 | 5.23308 |
| 0.657 | 1.92707 | 2.1299 | 2.35401 | 2.60165 | 2.8753 | 3.17769 | 3.51183 | 3.88108 | 4.28912 | 4.74003 | 5.23832 |
| 0.658 | 1.929 | 2.13203 | 2.35637 | 2.60426 | 2.87818 | 3.18087 | 3.51535 | 3.88496 | 4.29341 | 4.74477 | 5.24356 |
| 0.659 | 1.93093 | 2.13416 | 2.35872 | 2.60686 | 2.88106 | 3.18405 | 3.51886 | 3.88885 | 4.29771 | 4.74952 | 5.2488 |
| 0.66 | 1.93286 | 2.13629 | 2.36108 | 2.60947 | 2.88394 | 3.18723 | 3.52239 | 3.89274 | 4.30201 | 4.75427 | 5.25405 |
| 0.661 | 1.93479 | 2.13843 | 2.36345 | 2.61208 | 2.88683 | 3.19042 | 3.52591 | 3.89664 | 4.30631 | 4.75903 | 5.25931 |
| 0.662 | 1.93673 | 2.14057 | 2.36581 | 2.6147 | 2.88971 | 3.19362 | 3.52944 | 3.90054 | 4.31062 | 4.76379 | 5.26457 |
| 0.663 | 1.93867 | 2.14271 | 2.36818 | 2.61731 | 2.89261 | 3.19681 | 3.53297 | 3.90444 | 4.31493 | 4.76856 | 5.26984 |
| 0.664 | 1.94061 | 2.14486 | 2.37055 | 2.61993 | 2.8955 | 3.20001 | 3.5365 | 3.90834 | 4.31925 | 4.77333 | 5.27511 |
| 0.665 | 1.94255 | 2.147 | 2.37292 | 2.62255 | 2.8984 | 3.20321 | 3.54004 | 3.91226 | 4.32357 | 4.7781 | 5.28039 |
| 0.666 | 1.94449 | 2.14915 | 2.37529 | 2.62517 | 2.9013 | 3.20642 | 3.54358 | 3.91617 | 4.3279 | 4.78288 | 5.28567 |
| 0.667 | 1.94644 | 2.1513 | 2.37767 | 2.6278 | 2.9042 | 3.20962 | 3.54713 | 3.92009 | 4.33223 | 4.78767 | 5.29096 |
| 0.668 | 1.94838 | 2.15345 | 2.38005 | 2.63043 | 2.9071 | 3.21283 | 3.55068 | 3.92401 | 4.33656 | 4.79246 | 5.29626 |
| 0.669 | 1.95033 | 2.15561 | 2.38243 | 2.63306 | 2.91001 | 3.21605 | 3.55423 | 3.92794 | 4.3409 | 4.79725 | 5.30155 |
| 0.67 | 1.95228 | 2.15776 | 2.38481 | 2.6357 | 2.91292 | 3.21927 | 3.55779 | 3.93187 | 4.34524 | 4.80205 | 5.30686 |
| 0.671 | 1.95424 | 2.15992 | 2.3872 | 2.63833 | 2.91584 | 3.22249 | 3.56135 | 3.9358 | 4.34959 | 4.80686 | 5.31217 |
| 0.672 | 1.95619 | 2.16208 | 2.38959 | 2.64097 | 2.91876 | 3.22571 | 3.56491 | 3.93974 | 4.35394 | 4.81167 | 5.31748 |
| 0.673 | 1.95815 | 2.16425 | 2.39198 | 2.64362 | 2.92168 | 3.22894 | 3.56848 | 3.94368 | 4.3583 | 4.81648 | 5.3228 |
| 0.674 | 1.96011 | 2.16641 | 2.39437 | 2.64626 | 2.9246 | 3.23217 | 3.57205 | 3.94762 | 4.36266 | 4.8213 | 5.32813 |
| 0.675 | 1.96207 | 2.16858 | 2.39677 | 2.64891 | 2.92753 | 3.2354 | 3.57562 | 3.95157 | 4.36702 | 4.82612 | 5.33346 |

| 0.676 | 1.96403 | 2.17075 | 2.39916 | 2.65156 | 2.93045 | 3.23864 | 3.5792 | 3.95553 | 4.37139 | 4.83095 | 5.3388 |
| 0.677 | 1.966 | 2.17292 | 2.40156 | 2.65421 | 2.93339 | 3.24188 | 3.58278 | 3.95949 | 4.37577 | 4.83579 | 5.34414 |
| 0.678 | 1.96796 | 2.1751 | 2.40397 | 2.65687 | 2.93632 | 3.24512 | 3.58636 | 3.96345 | 4.38015 | 4.84062 | 5.34948 |
| 0.679 | 1.96993 | 2.17727 | 2.40637 | 2.65953 | 2.93926 | 3.24837 | 3.58995 | 3.96741 | 4.38453 | 4.84547 | 5.35484 |
| 0.68 | 1.9719 | 2.17945 | 2.40878 | 2.66219 | 2.9422 | 3.25162 | 3.59354 | 3.97138 | 4.38891 | 4.85031 | 5.36019 |
| 0.681 | 1.97388 | 2.18163 | 2.41119 | 2.66485 | 2.94514 | 3.25487 | 3.59714 | 3.97535 | 4.39331 | 4.85517 | 5.36556 |
| 0.682 | 1.97585 | 2.18381 | 2.4136 | 2.66752 | 2.94809 | 3.25813 | 3.60074 | 3.97933 | 4.3977 | 4.86002 | 5.37092 |
| 0.683 | 1.97783 | 2.186 | 2.41602 | 2.67018 | 2.95104 | 3.26139 | 3.60434 | 3.98331 | 4.4021 | 4.86489 | 5.3763 |
| 0.684 | 1.97981 | 2.18819 | 2.41843 | 2.67286 | 2.95399 | 3.26465 | 3.60795 | 3.9873 | 4.4065 | 4.86975 | 5.38168 |
| 0.685 | 1.98179 | 2.19038 | 2.42085 | 2.67553 | 2.95695 | 3.26792 | 3.61156 | 3.99129 | 4.41091 | 4.87463 | 5.38706 |
| 0.686 | 1.98377 | 2.19257 | 2.42328 | 2.67821 | 2.95991 | 3.27119 | 3.61517 | 3.99528 | 4.41533 | 4.8795 | 5.39245 |
| 0.687 | 1.98576 | 2.19476 | 2.4257 | 2.68089 | 2.96287 | 3.27446 | 3.61879 | 3.99928 | 4.41974 | 4.88439 | 5.39785 |
| 0.688 | 1.98774 | 2.19696 | 2.42813 | 2.68357 | 2.96583 | 3.27774 | 3.62241 | 4.00328 | 4.42417 | 4.88927 | 5.40325 |
| 0.689 | 1.98973 | 2.19915 | 2.43056 | 2.68625 | 2.9688 | 3.28102 | 3.62603 | 4.00729 | 4.42859 | 4.89416 | 5.40865 |
| 0.69 | 1.99172 | 2.20135 | 2.43299 | 2.68894 | 2.97177 | 3.2843 | 3.62966 | 4.01129 | 4.43302 | 4.89906 | 5.41406 |
| 0.691 | 1.99372 | 2.20356 | 2.43542 | 2.69163 | 2.97474 | 3.28759 | 3.63329 | 4.01531 | 4.43746 | 4.90396 | 5.41948 |
| 0.692 | 1.99571 | 2.20576 | 2.43786 | 2.69432 | 2.97772 | 3.29088 | 3.63692 | 4.01933 | 4.4419 | 4.90887 | 5.4249 |
| 0.693 | 1.99771 | 2.20797 | 2.4403 | 2.69702 | 2.9807 | 3.29417 | 3.64056 | 4.02335 | 4.44634 | 4.91378 | 5.43033 |
| 0.694 | 1.99971 | 2.21018 | 2.44274 | 2.69972 | 2.98368 | 3.29746 | 3.64421 | 4.02737 | 4.45079 | 4.9187 | 5.43576 |
| 0.695 | 2.00171 | 2.21239 | 2.44518 | 2.70242 | 2.98667 | 3.30076 | 3.64785 | 4.0314 | 4.45524 | 4.92362 | 5.4412 |
| 0.696 | 2.00371 | 2.2146 | 2.44763 | 2.70512 | 2.98965 | 3.30407 | 3.6515 | 4.03543 | 4.4597 | 4.92854 | 5.44665 |
| 0.697 | 2.00571 | 2.21682 | 2.45008 | 2.70783 | 2.99264 | 3.30737 | 3.65515 | 4.03947 | 4.46416 | 4.93347 | 5.4521 |
| 0.698 | 2.00772 | 2.21904 | 2.45253 | 2.71054 | 2.99564 | 3.31068 | 3.65881 | 4.04351 | 4.46863 | 4.93841 | 5.45755 |
| 0.699 | 2.00973 | 2.22126 | 2.45498 | 2.71325 | 2.99864 | 3.31399 | 3.66247 | 4.04756 | 4.4731 | 4.94335 | 5.46301 |
| 0.7 | 2.01174 | 2.22348 | 2.45744 | 2.71597 | 3.00164 | 3.31731 | 3.66614 | 4.05161 | 4.47758 | 4.9483 | 5.46848 |
| 0.701 | 2.01375 | 2.2257 | 2.4599 | 2.71868 | 3.00464 | 3.32063 | 3.6698 | 4.05566 | 4.48206 | 4.95325 | 5.47395 |
| 0.702 | 2.01577 | 2.22793 | 2.46236 | 2.7214 | 3.00765 | 3.32395 | 3.67348 | 4.05972 | 4.48654 | 4.9582 | 5.47942 |
| 0.703 | 2.01778 | 2.23016 | 2.46482 | 2.72413 | 3.01065 | 3.32728 | 3.67715 | 4.06378 | 4.49103 | 4.96316 | 5.48491 |
| 0.704 | 2.0198 | 2.23239 | 2.46729 | 2.72685 | 3.01367 | 3.3306 | 3.68083 | 4.06785 | 4.49552 | 4.96813 | 5.49039 |
| 0.705 | 2.02182 | 2.23462 | 2.46976 | 2.72958 | 3.01668 | 3.33394 | 3.68451 | 4.07192 | 4.50002 | 4.9731 | 5.49589 |
| 0.706 | 2.02385 | 2.23686 | 2.47223 | 2.73231 | 3.0197 | 3.33727 | 3.6882 | 4.07599 | 4.50452 | 4.97808 | 5.50139 |
| 0.707 | 2.02587 | 2.2391 | 2.4747 | 2.73504 | 3.02272 | 3.34061 | 3.69189 | 4.08007 | 4.50903 | 4.98306 | 5.50689 |
| 0.708 | 2.0279 | 2.24134 | 2.47718 | 2.73778 | 3.02575 | 3.34395 | 3.69558 | 4.08415 | 4.51354 | 4.98804 | 5.5124 |
| 0.709 | 2.02993 | 2.24358 | 2.47966 | 2.74052 | 3.02877 | 3.3473 | 3.69928 | 4.08824 | 4.51806 | 4.99303 | 5.51791 |
| 0.71 | 2.03196 | 2.24583 | 2.48214 | 2.74326 | 3.0318 | 3.35065 | 3.70298 | 4.09233 | 4.52258 | 4.99803 | 5.52344 |
| 0.711 | 2.03399 | 2.24807 | 2.48462 | 2.74601 | 3.03484 | 3.354 | 3.70669 | 4.09642 | 4.5271 | 5.00303 | 5.52896 |
| 0.712 | 2.03603 | 2.25032 | 2.48711 | 2.74875 | 3.03787 | 3.35736 | 3.7104 | 4.10052 | 4.53163 | 5.00803 | 5.53449 |
| 0.713 | 2.03806 | 2.25257 | 2.4896 | 2.7515 | 3.04091 | 3.36071 | 3.71411 | 4.10462 | 4.53616 | 5.01304 | 5.54003 |
| 0.714 | 2.0401 | 2.25483 | 2.49209 | 2.75426 | 3.04395 | 3.36408 | 3.71782 | 4.10873 | 4.5407 | 5.01806 | 5.54557 |
| 0.715 | 2.04214 | 2.25708 | 2.49458 | 2.75701 | 3.047 | 3.36744 | 3.72154 | 4.11284 | 4.54525 | 5.02308 | 5.55112 |
| 0.716 | 2.04419 | 2.25934 | 2.49708 | 2.75977 | 3.05005 | 3.37081 | 3.72527 | 4.11696 | 4.54979 | 5.02811 | 5.55668 |

| 0.717 | 2.04623 | 2.2616 | 2.49957 | 2.76253 | 3.0531 | 3.37418 | 3.72899 | 4.12107 | 4.55435 | 5.03314 | 5.56223 |
| 0.718 | 2.04828 | 2.26386 | 2.50208 | 2.7653 | 3.05615 | 3.37756 | 3.73272 | 4.1252 | 4.5589 | 5.03817 | 5.5678 |
| 0.719 | 2.05033 | 2.26613 | 2.50458 | 2.76806 | 3.05921 | 3.38094 | 3.73646 | 4.12933 | 4.56346 | 5.04321 | 5.57337 |
| 0.72 | 2.05238 | 2.2684 | 2.50708 | 2.77083 | 3.06227 | 3.38432 | 3.7402 | 4.13346 | 4.56803 | 5.04826 | 5.57895 |
| 0.721 | 2.05443 | 2.27067 | 2.50959 | 2.7736 | 3.06534 | 3.38771 | 3.74394 | 4.13759 | 4.5726 | 5.05331 | 5.58453 |
| 0.722 | 2.05649 | 2.27294 | 2.5121 | 2.77638 | 3.0684 | 3.3911 | 3.74769 | 4.14173 | 4.57717 | 5.05837 | 5.59012 |
| 0.723 | 2.05855 | 2.27521 | 2.51462 | 2.77916 | 3.07147 | 3.39449 | 3.75144 | 4.14588 | 4.58175 | 5.06343 | 5.59571 |
| 0.724 | 2.06061 | 2.27749 | 2.51713 | 2.78194 | 3.07455 | 3.39789 | 3.75519 | 4.15002 | 4.58634 | 5.06849 | 5.60131 |
| 0.725 | 2.06267 | 2.27977 | 2.51965 | 2.78472 | 3.07762 | 3.40129 | 3.75895 | 4.15418 | 4.59093 | 5.07356 | 5.60691 |
| 0.726 | 2.06473 | 2.28205 | 2.52217 | 2.78751 | 3.0807 | 3.40469 | 3.76271 | 4.15833 | 4.59552 | 5.07864 | 5.61252 |
| 0.727 | 2.0668 | 2.28433 | 2.5247 | 2.7903 | 3.08378 | 3.4081 | 3.76647 | 4.16249 | 4.60012 | 5.08372 | 5.61814 |
| 0.728 | 2.06886 | 2.28662 | 2.52722 | 2.79309 | 3.08687 | 3.41151 | 3.77024 | 4.16666 | 4.60472 | 5.08881 | 5.62376 |
| 0.729 | 2.07093 | 2.2889 | 2.52975 | 2.79588 | 3.08996 | 3.41492 | 3.77401 | 4.17083 | 4.60933 | 5.0939 | 5.62938 |
| 0.73 | 2.07301 | 2.29119 | 2.53228 | 2.79868 | 3.09305 | 3.41834 | 3.77779 | 4.175 | 4.61394 | 5.099 | 5.63502 |
| 0.731 | 2.07508 | 2.29349 | 2.53481 | 2.80148 | 3.09614 | 3.42176 | 3.78157 | 4.17918 | 4.61855 | 5.1041 | 5.64065 |
| 0.732 | 2.07716 | 2.29578 | 2.53735 | 2.80428 | 3.09924 | 3.42518 | 3.78535 | 4.18336 | 4.62318 | 5.1092 | 5.6463 |
| 0.733 | 2.07923 | 2.29808 | 2.53989 | 2.80709 | 3.10234 | 3.42861 | 3.78914 | 4.18754 | 4.6278 | 5.11432 | 5.65195 |
| 0.734 | 2.08132 | 2.30038 | 2.54243 | 2.8099 | 3.10545 | 3.43204 | 3.79293 | 4.19173 | 4.63243 | 5.11943 | 5.6576 |
| 0.735 | 2.0834 | 2.30268 | 2.54497 | 2.81271 | 3.10855 | 3.43547 | 3.79672 | 4.19593 | 4.63707 | 5.12455 | 5.66326 |
| 0.736 | 2.08548 | 2.30498 | 2.54752 | 2.81552 | 3.11166 | 3.43891 | 3.80052 | 4.20012 | 4.64171 | 5.12968 | 5.66893 |
| 0.737 | 2.08757 | 2.30729 | 2.55007 | 2.81834 | 3.11478 | 3.44235 | 3.80432 | 4.20433 | 4.64635 | 5.13481 | 5.6746 |
| 0.738 | 2.08966 | 2.3096 | 2.55262 | 2.82116 | 3.11789 | 3.44579 | 3.80813 | 4.20853 | 4.651 | 5.13995 | 5.68028 |
| 0.739 | 2.09175 | 2.31191 | 2.55517 | 2.82398 | 3.12101 | 3.44924 | 3.81194 | 4.21274 | 4.65565 | 5.14509 | 5.68596 |
| 0.74 | 2.09384 | 2.31422 | 2.55773 | 2.82681 | 3.12414 | 3.45269 | 3.81575 | 4.21696 | 4.66031 | 5.15024 | 5.69165 |
| 0.741 | 2.09594 | 2.31654 | 2.56029 | 2.82963 | 3.12726 | 3.45614 | 3.81957 | 4.22118 | 4.66497 | 5.15539 | 5.69734 |
| 0.742 | 2.09803 | 2.31885 | 2.56285 | 2.83247 | 3.13039 | 3.4596 | 3.82339 | 4.2254 | 4.66964 | 5.16055 | 5.70304 |
| 0.743 | 2.10013 | 2.32117 | 2.56542 | 2.8353 | 3.13352 | 3.46306 | 3.82722 | 4.22963 | 4.67431 | 5.16571 | 5.70875 |
| 0.744 | 2.10223 | 2.3235 | 2.56798 | 2.83814 | 3.13666 | 3.46653 | 3.83105 | 4.23386 | 4.67899 | 5.17088 | 5.71446 |
| 0.745 | 2.10434 | 2.32582 | 2.57055 | 2.84098 | 3.1398 | 3.47 | 3.83488 | 4.2381 | 4.68367 | 5.17606 | 5.72018 |
| 0.746 | 2.10644 | 2.32815 | 2.57312 | 2.84382 | 3.14294 | 3.47347 | 3.83872 | 4.24234 | 4.68836 | 5.18124 | 5.7259 |
| 0.747 | 2.10855 | 2.33048 | 2.5757 | 2.84666 | 3.14608 | 3.47694 | 3.84256 | 4.24658 | 4.69305 | 5.18642 | 5.73163 |
| 0.748 | 2.11066 | 2.33281 | 2.57828 | 2.84951 | 3.14923 | 3.48042 | 3.8464 | 4.25083 | 4.69774 | 5.19161 | 5.73736 |
| 0.749 | 2.11277 | 2.33514 | 2.58085 | 2.85236 | 3.15238 | 3.4839 | 3.85025 | 4.25508 | 4.70244 | 5.1968 | 5.7431 |
| 0.75 | 2.11488 | 2.33748 | 2.58344 | 2.85522 | 3.15553 | 3.48739 | 3.8541 | 4.25934 | 4.70715 | 5.202 | 5.74885 |
| 0.751 | 2.117 | 2.33982 | 2.58602 | 2.85807 | 3.15869 | 3.49088 | 3.85796 | 4.2636 | 4.71186 | 5.20721 | 5.7546 |
| 0.752 | 2.11912 | 2.34216 | 2.58861 | 2.86093 | 3.16185 | 3.49437 | 3.86182 | 4.26787 | 4.71657 | 5.21242 | 5.76036 |
| 0.753 | 2.12124 | 2.3445 | 2.5912 | 2.86379 | 3.16501 | 3.49787 | 3.86568 | 4.27214 | 4.72129 | 5.21763 | 5.76612 |
| 0.754 | 2.12336 | 2.34685 | 2.59379 | 2.86666 | 3.16818 | 3.50137 | 3.86955 | 4.27641 | 4.72601 | 5.22285 | 5.77189 |
| 0.755 | 2.12548 | 2.3492 | 2.59639 | 2.86953 | 3.17135 | 3.50487 | 3.87342 | 4.28069 | 4.73074 | 5.22808 | 5.77767 |
| 0.756 | 2.12761 | 2.35155 | 2.59898 | 2.8724 | 3.17452 | 3.50838 | 3.8773 | 4.28497 | 4.73547 | 5.23331 | 5.78345 |
| 0.757 | 2.12974 | 2.3539 | 2.60158 | 2.87527 | 3.1777 | 3.51189 | 3.88118 | 4.28926 | 4.74021 | 5.23854 | 5.78923 |

| 0.758 | 2.13187 | 2.35625 | 2.60419 | 2.87815 | 3.18088 | 3.5154 | 3.88506 | 4.29355 | 4.74495 | 5.24378 | 5.79503 |
| 0.759 | 2.134 | 2.35861 | 2.60679 | 2.88103 | 3.18406 | 3.51892 | 3.88895 | 4.29785 | 4.7497 | 5.24903 | 5.80082 |
| 0.76 | 2.13614 | 2.36097 | 2.6094 | 2.88391 | 3.18725 | 3.52244 | 3.89284 | 4.30215 | 4.75445 | 5.25428 | 5.80663 |
| 0.761 | 2.13828 | 2.36333 | 2.61201 | 2.8868 | 3.19044 | 3.52596 | 3.89673 | 4.30645 | 4.75921 | 5.25954 | 5.81244 |
| 0.762 | 2.14042 | 2.3657 | 2.61462 | 2.88969 | 3.19363 | 3.52949 | 3.90063 | 4.31076 | 4.76397 | 5.2648 | 5.81825 |
| 0.763 | 2.14256 | 2.36806 | 2.61724 | 2.89258 | 3.19682 | 3.53302 | 3.90453 | 4.31507 | 4.76874 | 5.27007 | 5.82407 |
| 0.764 | 2.1447 | 2.37043 | 2.61986 | 2.89547 | 3.20002 | 3.53656 | 3.90844 | 4.31939 | 4.77351 | 5.27534 | 5.8299 |
| 0.765 | 2.14685 | 2.37281 | 2.62248 | 2.89837 | 3.20322 | 3.5401 | 3.91235 | 4.32371 | 4.77829 | 5.28062 | 5.83573 |
| 0.766 | 2.14899 | 2.37518 | 2.6251 | 2.90127 | 3.20643 | 3.54364 | 3.91627 | 4.32804 | 4.78307 | 5.2859 | 5.84157 |
| 0.767 | 2.15114 | 2.37756 | 2.62773 | 2.90417 | 3.20964 | 3.54718 | 3.92018 | 4.33237 | 4.78785 | 5.29119 | 5.84742 |
| 0.768 | 2.1533 | 2.37993 | 2.63036 | 2.90708 | 3.21285 | 3.55073 | 3.92411 | 4.3367 | 4.79264 | 5.29649 | 5.85327 |
| 0.769 | 2.15545 | 2.38232 | 2.63299 | 2.90998 | 3.21606 | 3.55428 | 3.92803 | 4.34104 | 4.79744 | 5.30178 | 5.85912 |
| 0.77 | 2.15761 | 2.3847 | 2.63563 | 2.9129 | 3.21928 | 3.55784 | 3.93196 | 4.34538 | 4.80224 | 5.30709 | 5.86499 |
| 0.771 | 2.15977 | 2.38709 | 2.63826 | 2.91581 | 3.2225 | 3.5614 | 3.9359 | 4.34973 | 4.80704 | 5.3124 | 5.87085 |
| 0.772 | 2.16193 | 2.38947 | 2.6409 | 2.91873 | 3.22572 | 3.56496 | 3.93983 | 4.35408 | 4.81185 | 5.31771 | 5.87673 |
| 0.773 | 2.16409 | 2.39186 | 2.64354 | 2.92165 | 3.22895 | 3.56853 | 3.94378 | 4.35844 | 4.81667 | 5.32303 | 5.88261 |
| 0.774 | 2.16626 | 2.39426 | 2.64619 | 2.92457 | 3.23218 | 3.5721 | 3.94772 | 4.3628 | 4.82148 | 5.32836 | 5.88849 |
| 0.775 | 2.16842 | 2.39665 | 2.64884 | 2.9275 | 3.23542 | 3.57567 | 3.95167 | 4.36716 | 4.82631 | 5.33369 | 5.89438 |
| 0.776 | 2.17059 | 2.39905 | 2.65149 | 2.93043 | 3.23865 | 3.57925 | 3.95562 | 4.37153 | 4.83114 | 5.33903 | 5.90028 |
| 0.777 | 2.17276 | 2.40145 | 2.65414 | 2.93336 | 3.24189 | 3.58283 | 3.95958 | 4.37591 | 4.83597 | 5.34437 | 5.90618 |
| 0.778 | 2.17494 | 2.40385 | 2.6568 | 2.93629 | 3.24514 | 3.58642 | 3.96354 | 4.38029 | 4.84081 | 5.34972 | 5.91209 |
| 0.779 | 2.17711 | 2.40626 | 2.65945 | 2.93923 | 3.24838 | 3.59001 | 3.96751 | 4.38467 | 4.84565 | 5.35507 | 5.91801 |
| 0.78 | 2.17929 | 2.40867 | 2.66211 | 2.94217 | 3.25163 | 3.5936 | 3.97148 | 4.38906 | 4.8505 | 5.36043 | 5.92393 |
| 0.781 | 2.18147 | 2.41108 | 2.66478 | 2.94511 | 3.25489 | 3.59719 | 3.97545 | 4.39345 | 4.85535 | 5.36579 | 5.92986 |
| 0.782 | 2.18365 | 2.41349 | 2.66744 | 2.94806 | 3.25814 | 3.60079 | 3.97943 | 4.39784 | 4.86021 | 5.37116 | 5.93579 |
| 0.783 | 2.18584 | 2.4159 | 2.67011 | 2.95101 | 3.2614 | 3.60439 | 3.98341 | 4.40224 | 4.86507 | 5.37653 | 5.94173 |
| 0.784 | 2.18803 | 2.41832 | 2.67278 | 2.95396 | 3.26467 | 3.608 | 3.9874 | 4.40665 | 4.86994 | 5.38191 | 5.94767 |
| 0.785 | 2.19022 | 2.42074 | 2.67546 | 2.95692 | 3.26793 | 3.61161 | 3.99139 | 4.41106 | 4.87481 | 5.3873 | 5.95362 |
| 0.786 | 2.19241 | 2.42316 | 2.67813 | 2.95988 | 3.2712 | 3.61522 | 3.99538 | 4.41547 | 4.87969 | 5.39269 | 5.95958 |
| 0.787 | 2.1946 | 2.42559 | 2.68081 | 2.96284 | 3.27448 | 3.61884 | 3.99938 | 4.41989 | 4.88457 | 5.39808 | 5.96554 |
| 0.788 | 2.1968 | 2.42801 | 2.6835 | 2.9658 | 3.27775 | 3.62246 | 4.00338 | 4.42431 | 4.88946 | 5.40348 | 5.97151 |
| 0.789 | 2.19899 | 2.43044 | 2.68618 | 2.96877 | 3.28103 | 3.62609 | 4.00738 | 4.42874 | 4.89435 | 5.40889 | 5.97749 |
| 0.79 | 2.20119 | 2.43287 | 2.68887 | 2.97174 | 3.28431 | 3.62971 | 4.01139 | 4.43317 | 4.89925 | 5.4143 | 5.98347 |
| 0.791 | 2.2034 | 2.43531 | 2.69156 | 2.97471 | 3.2876 | 3.63335 | 4.01541 | 4.4376 | 4.90415 | 5.41972 | 5.98945 |
| 0.792 | 2.2056 | 2.43774 | 2.69425 | 2.97769 | 3.29089 | 3.63698 | 4.01942 | 4.44204 | 4.90906 | 5.42514 | 5.99544 |
| 0.793 | 2.20781 | 2.44018 | 2.69695 | 2.98067 | 3.29418 | 3.64062 | 4.02345 | 4.44649 | 4.91397 | 5.43057 | 6.00144 |
| 0.794 | 2.21002 | 2.44262 | 2.69965 | 2.98365 | 3.29748 | 3.64426 | 4.02747 | 4.45093 | 4.91888 | 5.436 | 6.00745 |
| 0.795 | 2.21223 | 2.44507 | 2.70235 | 2.98664 | 3.30078 | 3.64791 | 4.0315 | 4.45539 | 4.92381 | 5.44144 | 6.01346 |
| 0.796 | 2.21444 | 2.44751 | 2.70505 | 2.98962 | 3.30408 | 3.65156 | 4.03553 | 4.45985 | 4.92873 | 5.44688 | 6.01947 |
| 0.797 | 2.21666 | 2.44996 | 2.70776 | 2.99262 | 3.30738 | 3.65521 | 4.03957 | 4.46431 | 4.93366 | 5.45233 | 6.0255 |
| 0.798 | 2.21887 | 2.45241 | 2.71047 | 2.99561 | 3.31069 | 3.65887 | 4.04361 | 4.46877 | 4.9386 | 5.45779 | 6.03153 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.799 | 2.22109 | 2.45487 | 2.71318 | 2.99861 | 3.31401 | 3.66253 | 4.04766 | 4.47324 | 4.94354 | 5.46325 | 6.03756 |
| 0.8 | 2.22332 | 2.45732 | 2.71589 | 3.00161 | 3.31732 | 3.66619 | 4.05171 | 4.47772 | 4.94849 | 5.46871 | 6.0436 |
| 0.801 | 2.22554 | 2.45978 | 2.71861 | 3.00461 | 3.32064 | 3.66986 | 4.05576 | 4.4822 | 4.95344 | 5.47419 | 6.04965 |
| 0.802 | 2.22777 | 2.46224 | 2.72133 | 3.00762 | 3.32396 | 3.67353 | 4.05982 | 4.48668 | 4.95839 | 5.47966 | 6.0557 |
| 0.803 | 2.23 | 2.46471 | 2.72405 | 3.01062 | 3.32729 | 3.67721 | 4.06388 | 4.49117 | 4.96335 | 5.48514 | 6.06176 |
| 0.804 | 2.23223 | 2.46717 | 2.72678 | 3.01364 | 3.33062 | 3.68089 | 4.06795 | 4.49567 | 4.96832 | 5.49063 | 6.06782 |
| 0.805 | 2.23446 | 2.46964 | 2.72951 | 3.01665 | 3.33395 | 3.68457 | 4.07202 | 4.50016 | 4.97329 | 5.49613 | 6.07389 |
| 0.806 | 2.2367 | 2.47211 | 2.73224 | 3.01967 | 3.33729 | 3.68826 | 4.07609 | 4.50467 | 4.97827 | 5.50162 | 6.07997 |
| 0.807 | 2.23893 | 2.47459 | 2.73497 | 3.02269 | 3.34062 | 3.69195 | 4.08017 | 4.50917 | 4.98325 | 5.50713 | 6.08605 |
| 0.808 | 2.24117 | 2.47706 | 2.73771 | 3.02572 | 3.34397 | 3.69564 | 4.08425 | 4.51369 | 4.98823 | 5.51264 | 6.09214 |
| 0.809 | 2.24342 | 2.47954 | 2.74045 | 3.02874 | 3.34731 | 3.69934 | 4.08834 | 4.5182 | 4.99322 | 5.51815 | 6.09824 |
| 0.81 | 2.24566 | 2.48202 | 2.74319 | 3.03177 | 3.35066 | 3.70304 | 4.09243 | 4.52272 | 4.99822 | 5.52368 | 6.10434 |
| 0.811 | 2.24791 | 2.4845 | 2.74593 | 3.03481 | 3.35401 | 3.70674 | 4.09652 | 4.52725 | 5.00322 | 5.5292 | 6.11045 |
| 0.812 | 2.25016 | 2.48699 | 2.74868 | 3.03784 | 3.35737 | 3.71045 | 4.10062 | 4.53178 | 5.00823 | 5.53473 | 6.11656 |
| 0.813 | 2.25241 | 2.48948 | 2.75143 | 3.04088 | 3.36073 | 3.71416 | 4.10472 | 4.53631 | 5.01324 | 5.54027 | 6.12268 |
| 0.814 | 2.25466 | 2.49197 | 2.75418 | 3.04392 | 3.36409 | 3.71788 | 4.10883 | 4.54085 | 5.01825 | 5.54581 | 6.12881 |
| 0.815 | 2.25692 | 2.49446 | 2.75694 | 3.04697 | 3.36746 | 3.7216 | 4.11294 | 4.54539 | 5.02327 | 5.55136 | 6.13494 |
| 0.816 | 2.25918 | 2.49696 | 2.7597 | 3.05002 | 3.37083 | 3.72532 | 4.11706 | 4.54994 | 5.0283 | 5.55692 | 6.14108 |
| 0.817 | 2.26144 | 2.49946 | 2.76246 | 3.05307 | 3.3742 | 3.72905 | 4.12118 | 4.55449 | 5.03333 | 5.56248 | 6.14722 |
| 0.818 | 2.2637 | 2.50196 | 2.76522 | 3.05612 | 3.37757 | 3.73278 | 4.1253 | 4.55905 | 5.03837 | 5.56804 | 6.15337 |
| 0.819 | 2.26596 | 2.50446 | 2.76799 | 3.05918 | 3.38095 | 3.73652 | 4.12943 | 4.56361 | 5.04341 | 5.57361 | 6.15953 |
| 0.82 | 2.26823 | 2.50697 | 2.77076 | 3.06224 | 3.38434 | 3.74025 | 4.13356 | 4.56818 | 5.04845 | 5.57919 | 6.16569 |
| 0.821 | 2.2705 | 2.50947 | 2.77353 | 3.06531 | 3.38772 | 3.744 | 4.13769 | 4.57275 | 5.0535 | 5.58477 | 6.17186 |
| 0.822 | 2.27277 | 2.51198 | 2.7763 | 3.06837 | 3.39111 | 3.74774 | 4.14183 | 4.57732 | 5.05856 | 5.59036 | 6.17803 |
| 0.823 | 2.27505 | 2.5145 | 2.77908 | 3.07144 | 3.3945 | 3.75149 | 4.14598 | 4.5819 | 5.06362 | 5.59595 | 6.18421 |
| 0.824 | 2.27732 | 2.51701 | 2.78186 | 3.07452 | 3.3979 | 3.75525 | 4.15013 | 4.58649 | 5.06869 | 5.60155 | 6.1904 |
| 0.825 | 2.2796 | 2.51953 | 2.78465 | 3.07759 | 3.4013 | 3.759 | 4.15428 | 4.59107 | 5.07376 | 5.60716 | 6.1966 |
| 0.826 | 2.28188 | 2.52205 | 2.78743 | 3.08067 | 3.4047 | 3.76276 | 4.15843 | 4.59567 | 5.07883 | 5.61277 | 6.2028 |
| 0.827 | 2.28416 | 2.52458 | 2.79022 | 3.08375 | 3.40811 | 3.76653 | 4.16259 | 4.60027 | 5.08392 | 5.61838 | 6.209 |
| 0.828 | 2.28645 | 2.5271 | 2.79301 | 3.08684 | 3.41152 | 3.7703 | 4.16676 | 4.60487 | 5.089 | 5.624 | 6.21521 |
| 0.829 | 2.28874 | 2.52963 | 2.79581 | 3.08993 | 3.41493 | 3.77407 | 4.17093 | 4.60948 | 5.09409 | 5.62963 | 6.22143 |
| 0.83 | 2.29103 | 2.53216 | 2.7986 | 3.09302 | 3.41835 | 3.77785 | 4.1751 | 4.61409 | 5.09919 | 5.63526 | 6.22766 |
| 0.831 | 2.29332 | 2.53469 | 2.8014 | 3.09611 | 3.42177 | 3.78162 | 4.17928 | 4.6187 | 5.10429 | 5.6409 | 6.23389 |
| 0.832 | 2.29561 | 2.53723 | 2.80421 | 3.09921 | 3.42519 | 3.78541 | 4.18346 | 4.62332 | 5.1094 | 5.64654 | 6.24012 |
| 0.833 | 2.29791 | 2.53977 | 2.80701 | 3.10231 | 3.42862 | 3.7892 | 4.18765 | 4.62795 | 5.11451 | 5.65219 | 6.24637 |
| 0.834 | 2.30021 | 2.54231 | 2.80982 | 3.10542 | 3.43205 | 3.79299 | 4.19183 | 4.63258 | 5.11963 | 5.65785 | 6.25262 |
| 0.835 | 2.30251 | 2.54485 | 2.81263 | 3.10852 | 3.43548 | 3.79678 | 4.19603 | 4.63722 | 5.12475 | 5.66351 | 6.25887 |
| 0.836 | 2.30481 | 2.5474 | 2.81545 | 3.11163 | 3.43892 | 3.80058 | 4.20023 | 4.64185 | 5.12988 | 5.66917 | 6.26513 |
| 0.837 | 2.30712 | 2.54995 | 2.81826 | 3.11475 | 3.44236 | 3.80438 | 4.20443 | 4.6465 | 5.13501 | 5.67485 | 6.2714 |
| 0.838 | 2.30943 | 2.5525 | 2.82108 | 3.11786 | 3.44581 | 3.80819 | 4.20864 | 4.65115 | 5.14015 | 5.68052 | 6.27768 |
| 0.839 | 2.31174 | 2.55505 | 2.8239 | 3.12098 | 3.44925 | 3.812 | 4.21285 | 4.6558 | 5.14529 | 5.68621 | 6.28396 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.84 | 2.31405 | 2.55761 | 2.82673 | 3.1241 | 3.4527 | 3.81581 | 4.21706 | 4.66046 | 5.15044 | 5.6919 | 6.29024 |
| 0.841 | 2.31637 | 2.56017 | 2.82956 | 3.12723 | 3.45616 | 3.81963 | 4.22128 | 4.66512 | 5.15559 | 5.69759 | 6.29654 |
| 0.842 | 2.31868 | 2.56273 | 2.83239 | 3.13036 | 3.45962 | 3.82345 | 4.2255 | 4.66979 | 5.16075 | 5.70329 | 6.30284 |
| 0.843 | 2.321 | 2.56529 | 2.83522 | 3.13349 | 3.46308 | 3.82728 | 4.22973 | 4.67446 | 5.16591 | 5.709 | 6.30914 |
| 0.844 | 2.32333 | 2.56786 | 2.83806 | 3.13663 | 3.46654 | 3.83111 | 4.23396 | 4.67914 | 5.17108 | 5.71471 | 6.31546 |
| 0.845 | 2.32565 | 2.57043 | 2.8409 | 3.13976 | 3.47001 | 3.83494 | 4.2382 | 4.68382 | 5.17626 | 5.72043 | 6.32177 |
| 0.846 | 2.32798 | 2.573 | 2.84374 | 3.14291 | 3.47348 | 3.83878 | 4.24244 | 4.68851 | 5.18143 | 5.72615 | 6.3281 |
| 0.847 | 2.33031 | 2.57558 | 2.84659 | 3.14605 | 3.47696 | 3.84262 | 4.24668 | 4.6932 | 5.18662 | 5.73188 | 6.33443 |
| 0.848 | 2.33264 | 2.57815 | 2.84943 | 3.1492 | 3.48044 | 3.84646 | 4.25093 | 4.69789 | 5.19181 | 5.73761 | 6.34077 |
| 0.849 | 2.33497 | 2.58073 | 2.85229 | 3.15235 | 3.48392 | 3.85031 | 4.25519 | 4.70259 | 5.197 | 5.74335 | 6.34711 |
| 0.85 | 2.33731 | 2.58331 | 2.85514 | 3.1555 | 3.4874 | 3.85416 | 4.25944 | 4.7073 | 5.2022 | 5.7491 | 6.35346 |
| 0.851 | 2.33965 | 2.5859 | 2.858 | 3.15866 | 3.49089 | 3.85802 | 4.26371 | 4.71201 | 5.20741 | 5.75485 | 6.35982 |
| 0.852 | 2.34199 | 2.58849 | 2.86086 | 3.16182 | 3.49439 | 3.86188 | 4.26797 | 4.71672 | 5.21262 | 5.76061 | 6.36618 |
| 0.853 | 2.34433 | 2.59108 | 2.86372 | 3.16498 | 3.49788 | 3.86574 | 4.27224 | 4.72144 | 5.21783 | 5.76637 | 6.37255 |
| 0.854 | 2.34668 | 2.59367 | 2.86658 | 3.16815 | 3.50138 | 3.86961 | 4.27652 | 4.72616 | 5.22305 | 5.77214 | 6.37893 |
| 0.855 | 2.34902 | 2.59626 | 2.86945 | 3.17132 | 3.50488 | 3.87348 | 4.28079 | 4.73089 | 5.22828 | 5.77792 | 6.38531 |
| 0.856 | 2.35137 | 2.59886 | 2.87232 | 3.17449 | 3.50839 | 3.87736 | 4.28508 | 4.73563 | 5.23351 | 5.7837 | 6.3917 |
| 0.857 | 2.35373 | 2.60146 | 2.8752 | 3.17767 | 3.5119 | 3.88124 | 4.28936 | 4.74036 | 5.23874 | 5.78949 | 6.39809 |
| 0.858 | 2.35608 | 2.60406 | 2.87807 | 3.18085 | 3.51542 | 3.88512 | 4.29366 | 4.74511 | 5.24399 | 5.79528 | 6.40449 |
| 0.859 | 2.35844 | 2.60667 | 2.88095 | 3.18403 | 3.51893 | 3.88901 | 4.29795 | 4.74985 | 5.24923 | 5.80108 | 6.4109 |
| 0.86 | 2.3608 | 2.60928 | 2.88383 | 3.18722 | 3.52245 | 3.8929 | 4.30225 | 4.75461 | 5.25448 | 5.80688 | 6.41732 |
| 0.861 | 2.36316 | 2.61189 | 2.88672 | 3.1904 | 3.52598 | 3.89679 | 4.30656 | 4.75936 | 5.25974 | 5.81269 | 6.42374 |
| 0.862 | 2.36553 | 2.6145 | 2.88961 | 3.1936 | 3.52951 | 3.90069 | 4.31086 | 4.76413 | 5.265 | 5.81851 | 6.43016 |
| 0.863 | 2.36789 | 2.61712 | 2.8925 | 3.19679 | 3.53304 | 3.90459 | 4.31518 | 4.76889 | 5.27027 | 5.82433 | 6.4366 |
| 0.864 | 2.37026 | 2.61973 | 2.89539 | 3.19999 | 3.53657 | 3.9085 | 4.3195 | 4.77366 | 5.27554 | 5.83015 | 6.44304 |
| 0.865 | 2.37263 | 2.62236 | 2.89829 | 3.20319 | 3.54011 | 3.91241 | 4.32382 | 4.77844 | 5.28082 | 5.83599 | 6.44948 |
| 0.866 | 2.37501 | 2.62498 | 2.90119 | 3.2064 | 3.54365 | 3.91633 | 4.32814 | 4.78322 | 5.28611 | 5.84183 | 6.45594 |
| 0.867 | 2.37738 | 2.62761 | 2.90409 | 3.2096 | 3.5472 | 3.92024 | 4.33247 | 4.78801 | 5.29139 | 5.84767 | 6.4624 |
| 0.868 | 2.37976 | 2.63023 | 2.907 | 3.21282 | 3.55075 | 3.92417 | 4.33681 | 4.7928 | 5.29669 | 5.85352 | 6.46886 |
| 0.869 | 2.38214 | 2.63287 | 2.90991 | 3.21603 | 3.5543 | 3.92809 | 4.34115 | 4.79759 | 5.30199 | 5.85938 | 6.47533 |
| 0.87 | 2.38453 | 2.6355 | 2.91282 | 3.21925 | 3.55785 | 3.93202 | 4.34549 | 4.80239 | 5.30729 | 5.86524 | 6.48181 |
| 0.871 | 2.38691 | 2.63814 | 2.91573 | 3.22247 | 3.56141 | 3.93596 | 4.34984 | 4.8072 | 5.3126 | 5.87111 | 6.4883 |
| 0.872 | 2.3893 | 2.64078 | 2.91865 | 3.22569 | 3.56498 | 3.93989 | 4.35419 | 4.81201 | 5.31792 | 5.87698 | 6.49479 |
| 0.873 | 2.39169 | 2.64342 | 2.92157 | 3.22892 | 3.56854 | 3.94384 | 4.35855 | 4.81682 | 5.32324 | 5.88286 | 6.50129 |
| 0.874 | 2.39408 | 2.64606 | 2.92449 | 3.23215 | 3.57211 | 3.94778 | 4.36291 | 4.82164 | 5.32856 | 5.88875 | 6.50779 |
| 0.875 | 2.39648 | 2.64871 | 2.92742 | 3.23538 | 3.57569 | 3.95173 | 4.36727 | 4.82646 | 5.3339 | 5.89464 | 6.5143 |
| 0.876 | 2.39888 | 2.65136 | 2.93035 | 3.23862 | 3.57927 | 3.95569 | 4.37164 | 4.83129 | 5.33923 | 5.90054 | 6.52082 |
| 0.877 | 2.40128 | 2.65401 | 2.93328 | 3.24186 | 3.58285 | 3.95964 | 4.37602 | 4.83613 | 5.34457 | 5.90644 | 6.52734 |
| 0.878 | 2.40368 | 2.65667 | 2.93621 | 3.2451 | 3.58643 | 3.9636 | 4.38039 | 4.84096 | 5.34992 | 5.91235 | 6.53387 |
| 0.879 | 2.40608 | 2.65933 | 2.93915 | 3.24835 | 3.59002 | 3.96757 | 4.38478 | 4.84581 | 5.35527 | 5.91827 | 6.54041 |
| 0.88 | 2.40849 | 2.66199 | 2.94209 | 3.2516 | 3.59361 | 3.97154 | 4.38916 | 4.85066 | 5.36063 | 5.92419 | 6.54695 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.881 | 2.4109 | 2.66465 | 2.94503 | 3.25485 | 3.59721 | 3.97551 | 4.39355 | 4.85551 | 5.366 | 5.93011 | 6.5535 |
| 0.882 | 2.41331 | 2.66732 | 2.94798 | 3.25811 | 3.60081 | 3.97949 | 4.39795 | 4.86037 | 5.37136 | 5.93605 | 6.56006 |
| 0.883 | 2.41573 | 2.66999 | 2.95093 | 3.26137 | 3.60441 | 3.98347 | 4.40235 | 4.86523 | 5.37674 | 5.94199 | 6.56662 |
| 0.884 | 2.41814 | 2.67266 | 2.95388 | 3.26463 | 3.60801 | 3.98746 | 4.40675 | 4.8701 | 5.38212 | 5.94793 | 6.57319 |
| 0.885 | 2.42056 | 2.67533 | 2.95684 | 3.2679 | 3.61162 | 3.99145 | 4.41116 | 4.87497 | 5.3875 | 5.95388 | 6.57977 |
| 0.886 | 2.42298 | 2.67801 | 2.9598 | 3.27117 | 3.61524 | 3.99544 | 4.41558 | 4.87985 | 5.39289 | 5.95984 | 6.58635 |
| 0.887 | 2.42541 | 2.68069 | 2.96276 | 3.27444 | 3.61885 | 3.99944 | 4.42 | 4.88473 | 5.39829 | 5.9658 | 6.59294 |
| 0.888 | 2.42784 | 2.68337 | 2.96572 | 3.27772 | 3.62248 | 4.00344 | 4.42442 | 4.88962 | 5.40369 | 5.97177 | 6.59954 |
| 0.889 | 2.43026 | 2.68605 | 2.96869 | 3.281 | 3.6261 | 4.00744 | 4.42884 | 4.89451 | 5.4091 | 5.97775 | 6.60614 |
| 0.89 | 2.4327 | 2.68874 | 2.97166 | 3.28428 | 3.62973 | 4.01145 | 4.43327 | 4.89941 | 5.41451 | 5.98373 | 6.61275 |
| 0.891 | 2.43513 | 2.69143 | 2.97463 | 3.28757 | 3.63336 | 4.01547 | 4.43771 | 4.90431 | 5.41992 | 5.98971 | 6.61937 |
| 0.892 | 2.43757 | 2.69412 | 2.97761 | 3.29086 | 3.63699 | 4.01949 | 4.44215 | 4.90921 | 5.42535 | 5.99571 | 6.62599 |
| 0.893 | 2.44 | 2.69682 | 2.98059 | 3.29415 | 3.64063 | 4.02351 | 4.44659 | 4.91413 | 5.43078 | 6.0017 | 6.63262 |
| 0.894 | 2.44245 | 2.69952 | 2.98357 | 3.29744 | 3.64428 | 4.02753 | 4.45104 | 4.91904 | 5.43621 | 6.00771 | 6.63926 |
| 0.895 | 2.44489 | 2.70222 | 2.98656 | 3.30074 | 3.64792 | 4.03156 | 4.4555 | 4.92396 | 5.44165 | 6.01372 | 6.6459 |
| 0.896 | 2.44734 | 2.70492 | 2.98954 | 3.30405 | 3.65157 | 4.0356 | 4.45995 | 4.92889 | 5.44709 | 6.01974 | 6.65255 |
| 0.897 | 2.44978 | 2.70763 | 2.99253 | 3.30735 | 3.65523 | 4.03963 | 4.46442 | 4.93382 | 5.45254 | 6.02576 | 6.6592 |
| 0.898 | 2.45224 | 2.71034 | 2.99553 | 3.31066 | 3.65888 | 4.04367 | 4.46888 | 4.93876 | 5.458 | 6.03179 | 6.66587 |
| 0.899 | 2.45469 | 2.71305 | 2.99853 | 3.31397 | 3.66254 | 4.04772 | 4.47335 | 4.9437 | 5.46346 | 6.03782 | 6.67254 |
| 0.9 | 2.45714 | 2.71576 | 3.00153 | 3.31729 | 3.66621 | 4.05177 | 4.47783 | 4.94865 | 5.46892 | 6.04386 | 6.67921 |
| 0.901 | 2.4596 | 2.71848 | 3.00453 | 3.32061 | 3.66988 | 4.05582 | 4.48231 | 4.9536 | 5.4744 | 6.04991 | 6.68589 |
| 0.902 | 2.46206 | 2.7212 | 3.00753 | 3.32393 | 3.67355 | 4.05988 | 4.48679 | 4.95855 | 5.47987 | 6.05596 | 6.69258 |
| 0.903 | 2.46453 | 2.72392 | 3.01054 | 3.32725 | 3.67722 | 4.06394 | 4.49128 | 4.96351 | 5.48536 | 6.06202 | 6.69928 |
| 0.904 | 2.46699 | 2.72665 | 3.01356 | 3.33058 | 3.6809 | 4.06801 | 4.49578 | 4.96848 | 5.49084 | 6.06809 | 6.70598 |
| 0.905 | 2.46946 | 2.72938 | 3.01657 | 3.33392 | 3.68458 | 4.07208 | 4.50028 | 4.97345 | 5.49634 | 6.07416 | 6.71269 |
| 0.906 | 2.47193 | 2.73211 | 3.01959 | 3.33725 | 3.68827 | 4.07615 | 4.50478 | 4.97843 | 5.50184 | 6.08024 | 6.71941 |
| 0.907 | 2.47441 | 2.73484 | 3.02261 | 3.34059 | 3.69196 | 4.08023 | 4.50928 | 4.98341 | 5.50734 | 6.08632 | 6.72613 |
| 0.908 | 2.47688 | 2.73758 | 3.02563 | 3.34393 | 3.69565 | 4.08431 | 4.5138 | 4.98839 | 5.51285 | 6.09241 | 6.73286 |
| 0.909 | 2.47936 | 2.74032 | 3.02866 | 3.34728 | 3.69935 | 4.0884 | 4.51831 | 4.99338 | 5.51837 | 6.0985 | 6.7396 |
| 0.91 | 2.48184 | 2.74306 | 3.03169 | 3.35063 | 3.70305 | 4.09249 | 4.52283 | 4.99838 | 5.52389 | 6.10461 | 6.74634 |
| 0.911 | 2.48432 | 2.7458 | 3.03472 | 3.35398 | 3.70676 | 4.09659 | 4.52736 | 5.00338 | 5.52941 | 6.11071 | 6.75309 |
| 0.912 | 2.48681 | 2.74855 | 3.03776 | 3.35734 | 3.71047 | 4.10068 | 4.53189 | 5.00839 | 5.53495 | 6.11683 | 6.75985 |
| 0.913 | 2.4893 | 2.7513 | 3.0408 | 3.36069 | 3.71418 | 4.10479 | 4.53642 | 5.0134 | 5.54048 | 6.12295 | 6.76661 |
| 0.914 | 2.49179 | 2.75405 | 3.04384 | 3.36406 | 3.7179 | 4.10889 | 4.54096 | 5.01841 | 5.54603 | 6.12907 | 6.77338 |
| 0.915 | 2.49428 | 2.75681 | 3.04689 | 3.36742 | 3.72161 | 4.113 | 4.5455 | 5.02344 | 5.55158 | 6.13521 | 6.78016 |
| 0.916 | 2.49678 | 2.75956 | 3.04994 | 3.37079 | 3.72534 | 4.11712 | 4.55005 | 5.02846 | 5.55713 | 6.14134 | 6.78694 |
| 0.917 | 2.49927 | 2.76233 | 3.05299 | 3.37416 | 3.72907 | 4.12124 | 4.5546 | 5.03349 | 5.56269 | 6.14749 | 6.79373 |
| 0.918 | 2.50177 | 2.76509 | 3.05604 | 3.37754 | 3.7328 | 4.12536 | 4.55916 | 5.03853 | 5.56826 | 6.15364 | 6.80053 |
| 0.919 | 2.50428 | 2.76786 | 3.0591 | 3.38092 | 3.73653 | 4.12949 | 4.56372 | 5.04357 | 5.57383 | 6.15979 | 6.80733 |
| 0.92 | 2.50678 | 2.77063 | 3.06216 | 3.3843 | 3.74027 | 4.13362 | 4.56829 | 5.04862 | 5.5794 | 6.16596 | 6.81414 |
| 0.921 | 2.50929 | 2.7734 | 3.06522 | 3.38769 | 3.74401 | 4.13776 | 4.57286 | 5.05367 | 5.58499 | 6.17213 | 6.82096 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0.922 | 2.5118 | 2.77617 | 3.06829 | 3.39108 | 3.74776 | 4.1419 | 4.57743 | 5.05872 | 5.59057 | 6.1783 | 6.82778 |
| 0.923 | 2.51431 | 2.77895 | 3.07136 | 3.39447 | 3.75151 | 4.14604 | 4.58201 | 5.06378 | 5.59617 | 6.18448 | 6.83461 |
| 0.924 | 2.51683 | 2.78173 | 3.07443 | 3.39787 | 3.75526 | 4.15019 | 4.5866 | 5.06885 | 5.60177 | 6.19067 | 6.84145 |
| 0.925 | 2.51935 | 2.78451 | 3.07751 | 3.40127 | 3.75902 | 4.15434 | 4.59119 | 5.07392 | 5.60737 | 6.19686 | 6.8483 |
| 0.926 | 2.52187 | 2.7873 | 3.08059 | 3.40467 | 3.76278 | 4.1585 | 4.59578 | 5.079 | 5.61298 | 6.20306 | 6.85515 |
| 0.927 | 2.52439 | 2.79009 | 3.08367 | 3.40808 | 3.76654 | 4.16266 | 4.60038 | 5.08408 | 5.6186 | 6.20927 | 6.86201 |
| 0.928 | 2.52692 | 2.79288 | 3.08676 | 3.41148 | 3.77031 | 4.16682 | 4.60498 | 5.08917 | 5.62422 | 6.21548 | 6.86887 |
| 0.929 | 2.52945 | 2.79567 | 3.08984 | 3.4149 | 3.77408 | 4.17099 | 4.60959 | 5.09426 | 5.62984 | 6.2217 | 6.87574 |
| 0.93 | 2.53198 | 2.79847 | 3.09294 | 3.41831 | 3.77786 | 4.17516 | 4.6142 | 5.09935 | 5.63548 | 6.22793 | 6.88262 |
| 0.931 | 2.53451 | 2.80127 | 3.09603 | 3.42173 | 3.78164 | 4.17934 | 4.61882 | 5.10446 | 5.64112 | 6.23416 | 6.88951 |
| 0.932 | 2.53704 | 2.80407 | 3.09913 | 3.42516 | 3.78542 | 4.18352 | 4.62344 | 5.10956 | 5.64676 | 6.2404 | 6.8964 |
| 0.933 | 2.53958 | 2.80688 | 3.10223 | 3.42858 | 3.78921 | 4.18771 | 4.62806 | 5.11468 | 5.65241 | 6.24664 | 6.9033 |
| 0.934 | 2.54212 | 2.80969 | 3.10533 | 3.43202 | 3.793 | 4.1919 | 4.63269 | 5.11979 | 5.65806 | 6.25289 | 6.91021 |
| 0.935 | 2.54467 | 2.8125 | 3.10844 | 3.43545 | 3.7968 | 4.19609 | 4.63733 | 5.12492 | 5.66373 | 6.25914 | 6.91712 |
| 0.936 | 2.54721 | 2.81531 | 3.11155 | 3.43889 | 3.8006 | 4.20029 | 4.64197 | 5.13004 | 5.66939 | 6.26541 | 6.92404 |
| 0.937 | 2.54976 | 2.81813 | 3.11466 | 3.44233 | 3.8044 | 4.20449 | 4.64661 | 5.13518 | 5.67506 | 6.27168 | 6.93097 |
| 0.938 | 2.55231 | 2.82095 | 3.11778 | 3.44577 | 3.8082 | 4.2087 | 4.65126 | 5.14031 | 5.68074 | 6.27795 | 6.93791 |
| 0.939 | 2.55487 | 2.82377 | 3.1209 | 3.44922 | 3.81201 | 4.21291 | 4.65592 | 5.14546 | 5.68643 | 6.28423 | 6.94485 |
| 0.94 | 2.55742 | 2.8266 | 3.12402 | 3.45267 | 3.81583 | 4.21713 | 4.66057 | 5.1506 | 5.69212 | 6.29052 | 6.9518 |
| 0.941 | 2.55998 | 2.82942 | 3.12715 | 3.45612 | 3.81965 | 4.22134 | 4.66524 | 5.15576 | 5.69781 | 6.29681 | 6.95875 |
| 0.942 | 2.56254 | 2.83225 | 3.13027 | 3.45958 | 3.82347 | 4.22557 | 4.6699 | 5.16092 | 5.70351 | 6.30311 | 6.96571 |
| 0.943 | 2.56511 | 2.83509 | 3.13341 | 3.46304 | 3.82729 | 4.2298 | 4.67458 | 5.16608 | 5.70922 | 6.30942 | 6.97268 |
| 0.944 | 2.56767 | 2.83792 | 3.13654 | 3.46651 | 3.83112 | 4.23403 | 4.67925 | 5.17125 | 5.71493 | 6.31573 | 6.97966 |
| 0.945 | 2.57024 | 2.84076 | 3.13968 | 3.46998 | 3.83495 | 4.23826 | 4.68394 | 5.17642 | 5.72065 | 6.32205 | 6.98664 |
| 0.946 | 2.57281 | 2.84361 | 3.14282 | 3.47345 | 3.83879 | 4.2425 | 4.68862 | 5.1816 | 5.72637 | 6.32838 | 6.99363 |
| 0.947 | 2.57539 | 2.84645 | 3.14596 | 3.47692 | 3.84263 | 4.24675 | 4.69331 | 5.18678 | 5.7321 | 6.33471 | 7.00063 |
| 0.948 | 2.57796 | 2.8493 | 3.14911 | 3.4804 | 3.84648 | 4.251 | 4.69801 | 5.19197 | 5.73783 | 6.34104 | 7.00763 |
| 0.949 | 2.58054 | 2.85215 | 3.15226 | 3.48388 | 3.85033 | 4.25525 | 4.70271 | 5.19717 | 5.74358 | 6.34739 | 7.01464 |
| 0.95 | 2.58313 | 2.855 | 3.15542 | 3.48737 | 3.85418 | 4.25951 | 4.70741 | 5.20237 | 5.74932 | 6.35374 | 7.02166 |
| 0.951 | 2.58571 | 2.85786 | 3.15857 | 3.49086 | 3.85803 | 4.26377 | 4.71212 | 5.20757 | 5.75507 | 6.3601 | 7.02869 |
| 0.952 | 2.5883 | 2.86072 | 3.16173 | 3.49435 | 3.86189 | 4.26804 | 4.71684 | 5.21278 | 5.76083 | 6.36646 | 7.03572 |
| 0.953 | 2.59089 | 2.86358 | 3.1649 | 3.49785 | 3.86576 | 4.27231 | 4.72156 | 5.218 | 5.7666 | 6.37283 | 7.04276 |
| 0.954 | 2.59348 | 2.86645 | 3.16806 | 3.50135 | 3.86963 | 4.27658 | 4.72628 | 5.22322 | 5.77237 | 6.37921 | 7.04981 |
| 0.955 | 2.59607 | 2.86931 | 3.17123 | 3.50485 | 3.8735 | 4.28086 | 4.73101 | 5.22845 | 5.77814 | 6.38559 | 7.05686 |
| 0.956 | 2.59867 | 2.87218 | 3.17441 | 3.50836 | 3.87737 | 4.28514 | 4.73574 | 5.23368 | 5.78392 | 6.39198 | 7.06392 |
| 0.957 | 2.60127 | 2.87506 | 3.17758 | 3.51187 | 3.88125 | 4.28943 | 4.74048 | 5.23891 | 5.78971 | 6.39837 | 7.07099 |
| 0.958 | 2.60387 | 2.87793 | 3.18076 | 3.51538 | 3.88513 | 4.29372 | 4.74522 | 5.24415 | 5.7955 | 6.40477 | 7.07806 |
| 0.959 | 2.60648 | 2.88081 | 3.18394 | 3.5189 | 3.88902 | 4.29802 | 4.74997 | 5.2494 | 5.8013 | 6.41118 | 7.08514 |
| 0.96 | 2.60909 | 2.8837 | 3.18713 | 3.52242 | 3.89291 | 4.30232 | 4.75472 | 5.25465 | 5.8071 | 6.4176 | 7.09223 |
| 0.961 | 2.6117 | 2.88658 | 3.19032 | 3.52594 | 3.89681 | 4.30662 | 4.75948 | 5.25991 | 5.81291 | 6.42402 | 7.09933 |
| 0.962 | 2.61431 | 2.88947 | 3.19351 | 3.52947 | 3.90071 | 4.31093 | 4.76424 | 5.26517 | 5.81873 | 6.43044 | 7.10643 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.963 | 2.61693 | 2.89236 | 3.19671 | 3.533 | 3.90461 | 4.31524 | 4.76901 | 5.27044 | 5.82455 | 6.43688 | 7.11354 |
| 0.964 | 2.61954 | 2.89525 | 3.1999 | 3.53654 | 3.90852 | 4.31956 | 4.77378 | 5.27571 | 5.83038 | 6.44332 | 7.12066 |
| 0.965 | 2.62216 | 2.89815 | 3.20311 | 3.54007 | 3.91243 | 4.32388 | 4.77856 | 5.28099 | 5.83621 | 6.44976 | 7.12778 |
| 0.966 | 2.62479 | 2.90105 | 3.20631 | 3.54362 | 3.91634 | 4.32821 | 4.78334 | 5.28628 | 5.84205 | 6.45622 | 7.13491 |
| 0.967 | 2.62741 | 2.90395 | 3.20952 | 3.54716 | 3.92026 | 4.33254 | 4.78812 | 5.29156 | 5.8479 | 6.46268 | 7.14205 |
| 0.968 | 2.63004 | 2.90686 | 3.21273 | 3.55071 | 3.92418 | 4.33687 | 4.79291 | 5.29686 | 5.85375 | 6.46914 | 7.1492 |
| 0.969 | 2.63267 | 2.90977 | 3.21594 | 3.55426 | 3.92811 | 4.34121 | 4.79771 | 5.30216 | 5.8596 | 6.47561 | 7.15635 |
| 0.97 | 2.63531 | 2.91268 | 3.21916 | 3.55782 | 3.93204 | 4.34556 | 4.80251 | 5.30746 | 5.86547 | 6.48209 | 7.16351 |
| 0.971 | 2.63794 | 2.91559 | 3.22238 | 3.56138 | 3.93597 | 4.3499 | 4.80731 | 5.31277 | 5.87133 | 6.48858 | 7.17068 |
| 0.972 | 2.64058 | 2.91851 | 3.22561 | 3.56494 | 3.93991 | 4.35426 | 4.81212 | 5.31809 | 5.87721 | 6.49507 | 7.17785 |
| 0.973 | 2.64323 | 2.92143 | 3.22883 | 3.56851 | 3.94385 | 4.35861 | 4.81694 | 5.32341 | 5.88309 | 6.50157 | 7.18503 |
| 0.974 | 2.64587 | 2.92435 | 3.23206 | 3.57208 | 3.9478 | 4.36297 | 4.82176 | 5.32874 | 5.88897 | 6.50807 | 7.19222 |
| 0.975 | 2.64852 | 2.92728 | 3.2353 | 3.57565 | 3.95175 | 4.36734 | 4.82658 | 5.33407 | 5.89487 | 6.51458 | 7.19942 |
| 0.976 | 2.65117 | 2.93021 | 3.23853 | 3.57923 | 3.9557 | 4.37171 | 4.83141 | 5.3394 | 5.90076 | 6.5211 | 7.20662 |
| 0.977 | 2.65382 | 2.93314 | 3.24177 | 3.58281 | 3.95966 | 4.37608 | 4.83624 | 5.34475 | 5.90667 | 6.52763 | 7.21383 |
| 0.978 | 2.65647 | 2.93607 | 3.24502 | 3.5864 | 3.96362 | 4.38046 | 4.84108 | 5.35009 | 5.91258 | 6.53416 | 7.22105 |
| 0.979 | 2.65913 | 2.93901 | 3.24826 | 3.58998 | 3.96759 | 4.38484 | 4.84593 | 5.35545 | 5.91849 | 6.5407 | 7.22827 |
| 0.98 | 2.66179 | 2.94195 | 3.25151 | 3.59358 | 3.97155 | 4.38923 | 4.85078 | 5.3608 | 5.92441 | 6.54724 | 7.2355 |
| 0.981 | 2.66446 | 2.94489 | 3.25477 | 3.59717 | 3.97553 | 4.39362 | 4.85563 | 5.36617 | 5.93034 | 6.55379 | 7.24274 |
| 0.982 | 2.66712 | 2.94784 | 3.25802 | 3.60077 | 3.97951 | 4.39802 | 4.86049 | 5.37154 | 5.93628 | 6.56035 | 7.24999 |
| 0.983 | 2.66979 | 2.95079 | 3.26128 | 3.60437 | 3.98349 | 4.40242 | 4.86535 | 5.37691 | 5.94221 | 6.56691 | 7.25724 |
| 0.984 | 2.67246 | 2.95374 | 3.26455 | 3.60798 | 3.98747 | 4.40682 | 4.87022 | 5.38229 | 5.94816 | 6.57348 | 7.2645 |
| 0.985 | 2.67514 | 2.9567 | 3.26781 | 3.61159 | 3.99146 | 4.41123 | 4.87509 | 5.38768 | 5.95411 | 6.58006 | 7.27177 |
| 0.986 | 2.67781 | 2.95966 | 3.27108 | 3.6152 | 3.99546 | 4.41564 | 4.87997 | 5.39307 | 5.96007 | 6.58664 | 7.27905 |
| 0.987 | 2.68049 | 2.96262 | 3.27435 | 3.61882 | 3.99945 | 4.42006 | 4.88485 | 5.39846 | 5.96603 | 6.59323 | 7.28633 |
| 0.988 | 2.68317 | 2.96558 | 3.27763 | 3.62244 | 4.00345 | 4.42448 | 4.88974 | 5.40386 | 5.972 | 6.59983 | 7.29362 |
| 0.989 | 2.68586 | 2.96855 | 3.28091 | 3.62606 | 4.00746 | 4.42891 | 4.89463 | 5.40927 | 5.97798 | 6.60643 | 7.30092 |
| 0.99 | 2.68854 | 2.97152 | 3.28419 | 3.62969 | 4.01147 | 4.43334 | 4.89953 | 5.41468 | 5.98396 | 6.61304 | 7.30822 |
| 0.991 | 2.69123 | 2.97449 | 3.28748 | 3.63332 | 4.01548 | 4.43778 | 4.90443 | 5.4201 | 5.98994 | 6.61966 | 7.31553 |
| 0.992 | 2.69393 | 2.97747 | 3.29077 | 3.63696 | 4.0195 | 4.44222 | 4.90934 | 5.42552 | 5.99594 | 6.62628 | 7.32285 |
| 0.993 | 2.69662 | 2.98045 | 3.29406 | 3.6406 | 4.02352 | 4.44666 | 4.91425 | 5.43095 | 6.00193 | 6.63291 | 7.33018 |
| 0.994 | 2.69932 | 2.98343 | 3.29736 | 3.64424 | 4.02755 | 4.45111 | 4.91916 | 5.43638 | 6.00794 | 6.63955 | 7.33751 |
| 0.995 | 2.70202 | 2.98641 | 3.30065 | 3.64789 | 4.03158 | 4.45556 | 4.92409 | 5.44182 | 6.01395 | 6.64619 | 7.34485 |
| 0.996 | 2.70472 | 2.9894 | 3.30396 | 3.65154 | 4.03561 | 4.46002 | 4.92901 | 5.44727 | 6.01997 | 6.65284 | 7.3522 |
| 0.997 | 2.70743 | 2.99239 | 3.30726 | 3.65519 | 4.03965 | 4.46448 | 4.93394 | 5.45272 | 6.02599 | 6.65949 | 7.35956 |
| 0.998 | 2.71014 | 2.99539 | 3.31057 | 3.65885 | 4.04369 | 4.46895 | 4.93888 | 5.45817 | 6.03202 | 6.66616 | 7.36692 |
| 0.999 | 2.71285 | 2.99838 | 3.31388 | 3.66251 | 4.04774 | 4.47342 | 4.94382 | 5.46363 | 6.03805 | 6.67283 | 7.37429 |
| 1 | 2.71556 | 3.00138 | 3.3172 | 3.66617 | 4.05179 | 4.4779 | 4.94877 | 5.4691 | 6.0441 | 6.6795 | 7.38167 |
| 1.001 | 2.71828 | 3.00439 | 3.32052 | 3.66984 | 4.05584 | 4.48238 | 4.95372 | 5.47457 | 6.05014 | 6.68619 | 7.38906 |

## Задание 11

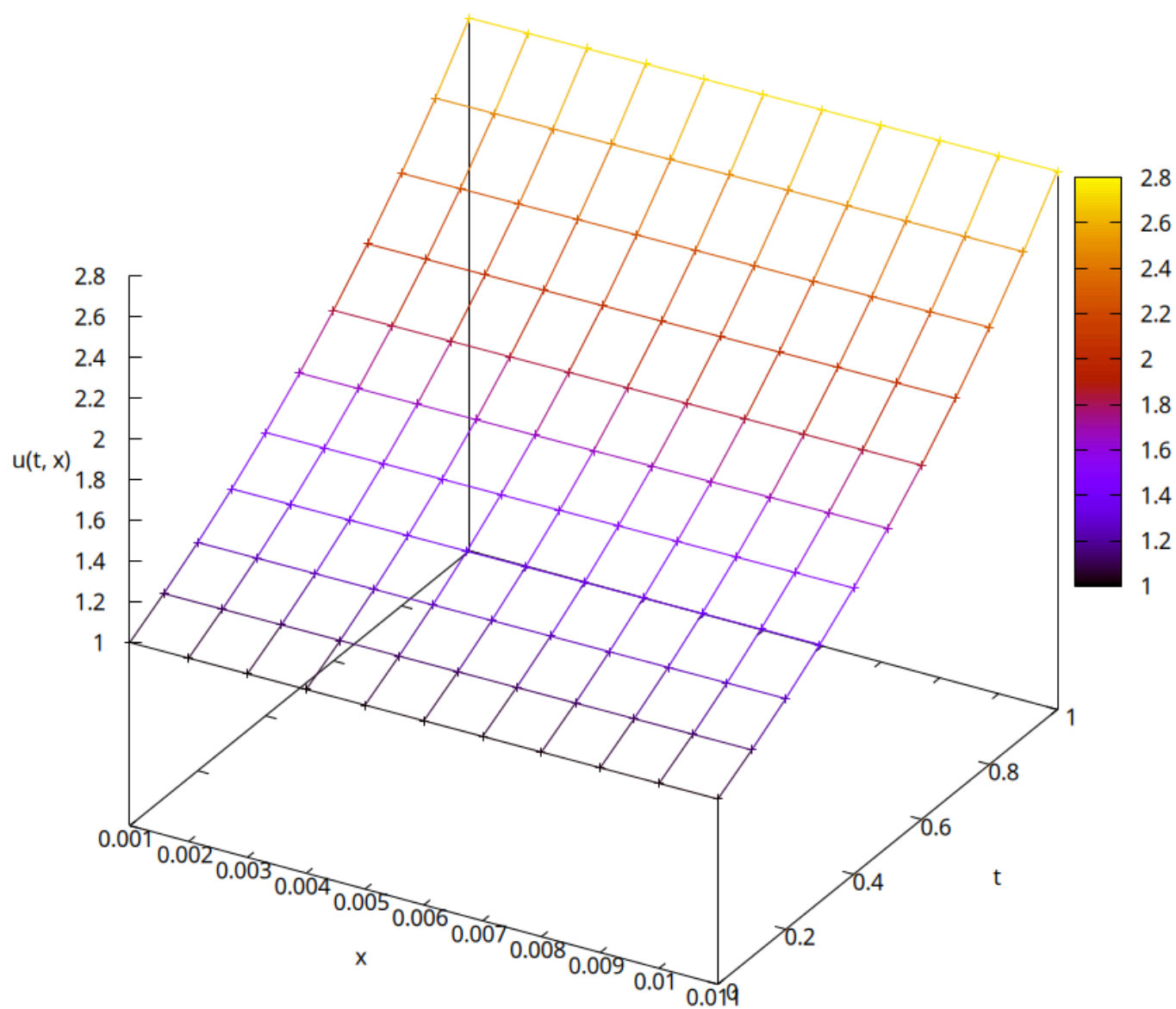Составить отчёт о проделанной работе. График функции $u(t, x)$ (Рис. 1).

Рис. 1: График функции $u(t, x)$.
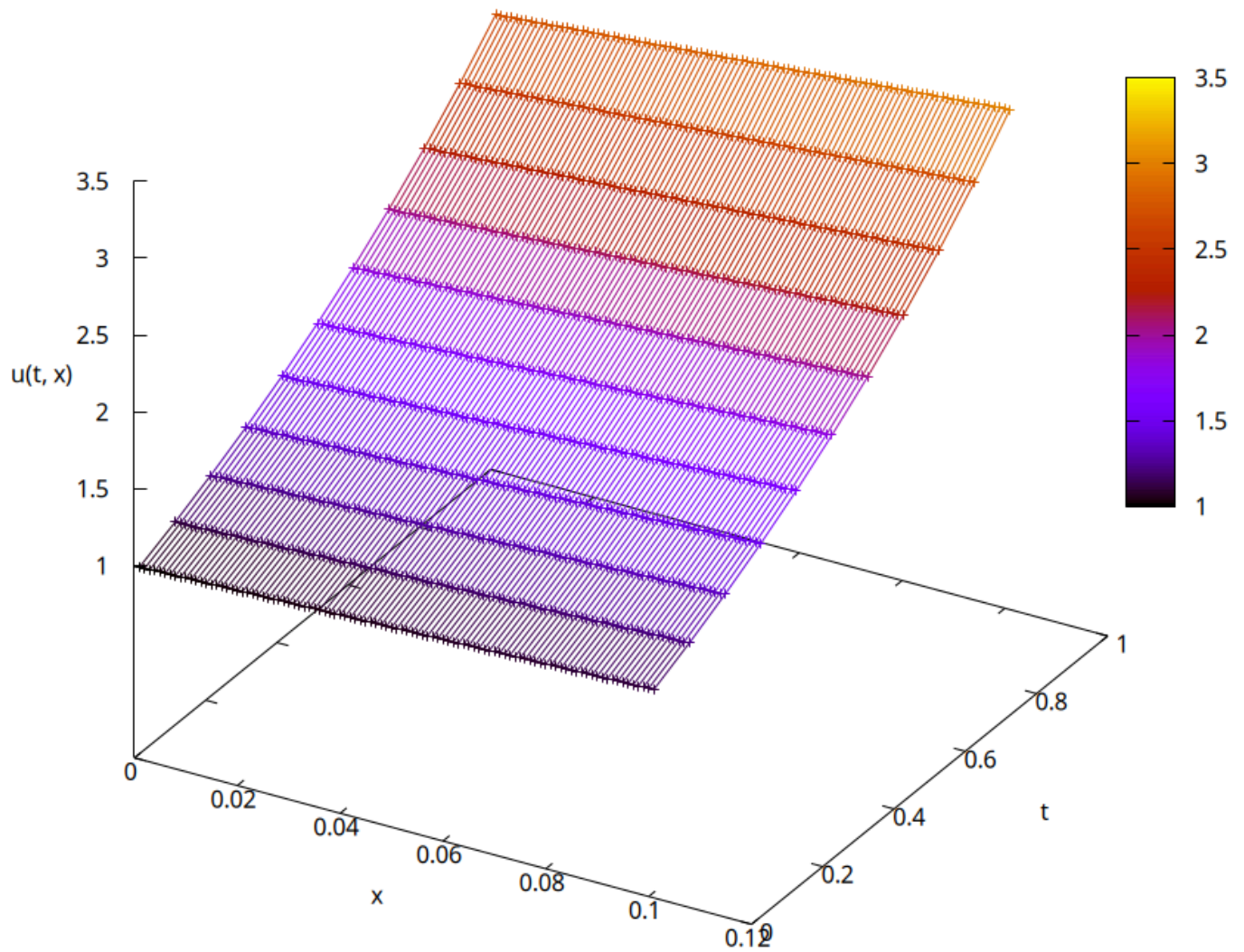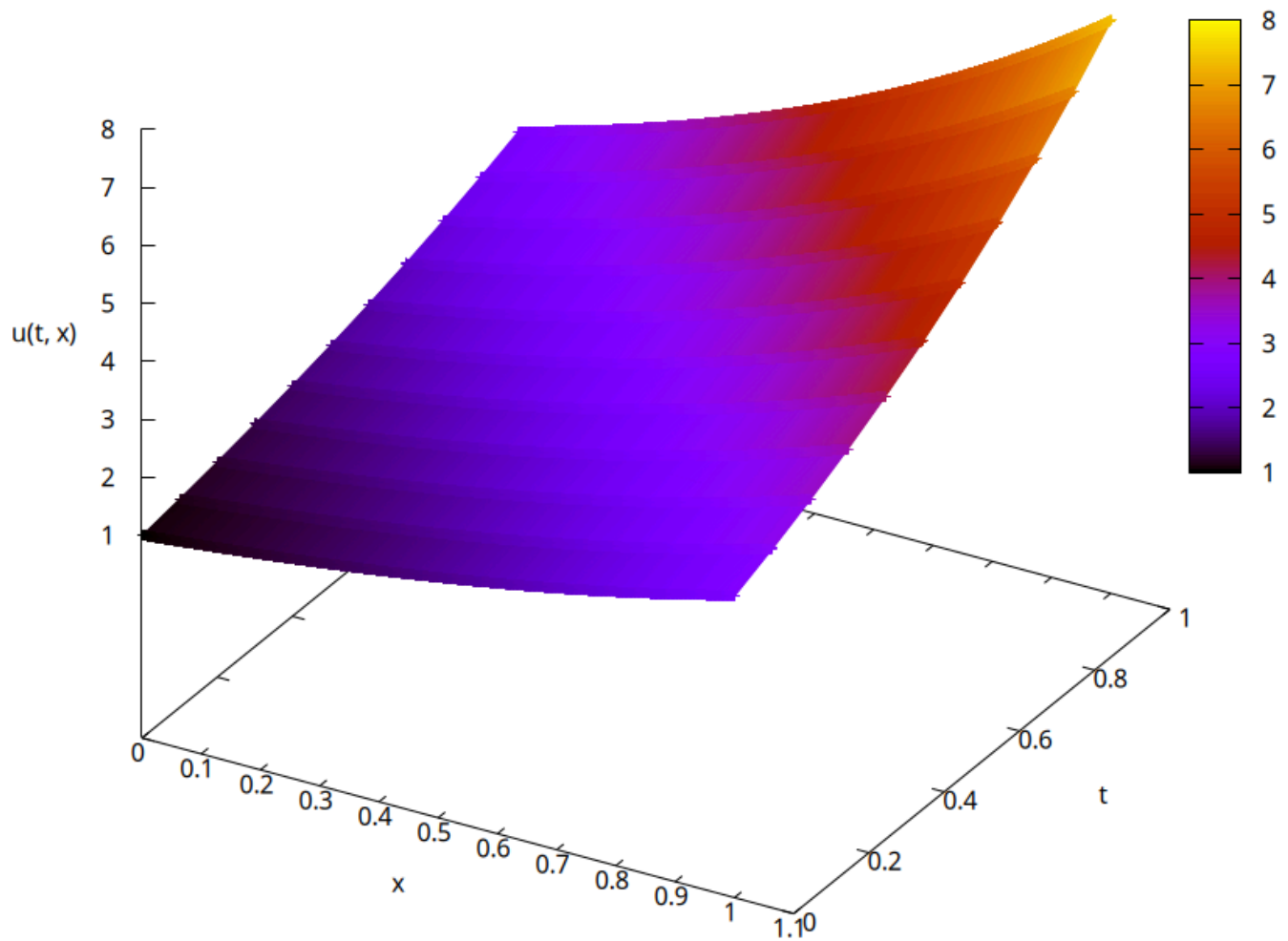
График зависимости u(t, x)

Рис. 2: График функции *u(t, x)*.

График зависимости u(t, x)



Рис. 3: График функции *u(t, x)*.