## UNIVERSITY EXAMINATION

CHUKA



UNIVERSITY

# RESIT/SPECIAL EXAMINATIONS EXAMINATION FOR THE AWARD OF DEGREE OF DEGREE OF

#### BACHELOR OF

#### **GEOG 146: INTRODUCTION TO STATISTICAL TECHNIQUES IN**

#### GEOGRAPHY

**STREAMS:** 

TIME: 2 HOURS

DAY/DATE: TUESDAY 04/05/2021 2.30 P.M – 5.30 P.M

#### **INSTRUCTIONS**:

- i. Answers question ONE and any other TWO questions
- ii. Use illustrations where appropriate

#### 

#### c) In which scale can you measure the following:

- i. The religion of students in your class (2 marks)
- ii. Temperature measured on the Celsius scale (2 marks)

d) Explain in detail the purpose of a measure of central tendency. (4 marks)
e) Depict a negatively skewed distribution graphically and indicate the approximate positions of the mean, the median and the mode on the curve (2 marks)
f) In two factories A and B located in the same industrial area, the average weekly wages and the standard deviations are as follows:

Factory	Average	Standard Deviation	No. of workers
Α	34.5	5	476
В	28.5	4.5	524

- i. Which factory A or B pays out a larger amount as weekly wages? (2 marks)
- ii. Which factory A or B has greater variability in individual wages? (2 marks)g) Identify four characteristics for a good or an ideal average (4 marks)

### h) Identify the properties of a binomial experiment

2. a) According to National Population Census of Kenya for 1999, the Kenyan

population in terms of age and sex is recorded as follows:

Age	Male	Female	Total
0-4	1911216	1888827	3800043
5-9	1744366	1725292	3468938
10-14	1504044	1485648	2989692
15-19	1177989	1704712	2378696
20-24	989594	1013340	1902934
25-29	782474	847287	1629761
30-34	583173	575651	1159434
35-39	464956	457942	918892
40-44	367934	304244	233178
45-49	235906	293405	574533
50-54	179017	240657	476523
55-59	150496	180055	360172
60-64	113690	167901	318397
65-69	82966	116980	230670
70-74	66600	91212	174175
75+	82210	60476	176280

Draw the histograms to show:

(a) Age-male distribution

(4 marks)

(b) Age-female distribution.

- (4 marks)
- b) A study was done to determine the stress levels that students have while taking exams. The stress level was found to be normally distributed with a mean level of 8.2 and a standard deviation of 1.34. what is the probability that at your neat exam you will have stress levels between 9 and 10?
- c) if the accident rate at a certain factory is 7.0 and this is a poisson process. Find the probability that fewer that 3 accidents occur in a year. (4 marks)
- d) What is the probability that the sum of two dice is 4 given the first die is 2

(4 marks)

a) Following is the distribution of persons according to different income groups. Calculate arithmetic mean. (4 marks)

Income Rs(100)	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Number of							
persons	6	8	10	12	7	4	3

Length of life (in hours)	Factory A (Number of bulbs)	Factory B (Number of bulbs)
550 - 650	10	8
650 - 750	22	60
750 - 850	52	24
850 - 950	20	16
950 - 1050	16	12
	120	120

#### b) Life of bulbs produced by two factories A and B are given below:

The bulbs of which factory are more consistent from the point of view of length of life? (8

marks)

c) Acompany makes electric motors. The probability that an electric motor is defective is 0.01. What is the probability that a sample contains:

i.	Exactly 5 defective motor	(2 marks)
ii.	At most 10-defective motor	(3 marks)
iii.	Six or more have burst tyres	(3 marks)

3. a) The grouped frequency table shows the length of service in years of employees

who have been working for a company for at least ten years.

Length of services (x)	1015	15-20	20-25	25-30	30-40	40-50
Frequency (f)	30	42	23	13	8	4
0.1.1.						

Calculate

- i. Variance of the length of service of these employees. (10 marks)
- ii. Standard deviation of the length of service of these employees (2 marks)

b) The following is a frequency table showing the age distribution of members of a netball team

Age	Frequency
16-20	6
21-25	10
26-30	8
31-35	2

36-40	1
	27

i) Construct a frequency distribution table (3 marks)

ii) Calculate the relative frequencies and percentages for all classes (3 marks)

- iii) construct a histogram and frequency polygon (4 marks)
- 4. a) The following table gives the frequency distribution of 325 workers of a factory, according to their average monthly income in a certain year.

Income group (in Rs)	Number of workers
Below 100	1
100-150	20
150-200	42
200-250	55
250-300	62
300-350	45
350-400	30
400-450	25
450-500	15
500-550	18
550-600	10
600 and above	2
	325

Calculate median income

(5 marks)

b) The data below shows the number of motor vehicles passing through toll stations, A and B in one week.

No. of Motor Vehicles	Toll station A	Toll Station B
50-59	15	43
60-69	25	99
70-79	40	54
80-89	108	40
90-99	92	14
100+	20	0

i. By means of Ogives compare the distributions of motor vehicles as recorded at the two stations (9 marks)

- ii. From the Ogives determine the frequency distribution below 70 and 90 vehicles for toll stations, A and B, respectively. (4 marks)
- iii. From the Ogives determine the class limits below 50% (2 Marks)

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# STANDARD NORMAL TABLE (Z)

Entries in the table give the area under the curve between the mean and z standard deviations above the mean. For example, for z = 1.25 the area under the curve between the mean (0) and z is 0.3944.

Z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	0.0000	0.0040	0.0080	0.0120	0.0160	0.0190	0.0239	0.0279	0.0319	0.0359
0.1	0.0398	0.0438	0.0478	0.0517	0.0557	0.0596	0.0636	0.0675	0.0714	0.0753
0.2	0.0793	0.0832	0.0871	0.0910	0.0948	0.0987	0.1026	0.1064	0.1103	0.1141
0.3	0.1179	0.1217	0.1255	0.1293	0.1331	0.1368	0.1406	0.1443	0.1480	0.1517
0.4	0.1554	0.1591	0.1628	0.1664	0.1700	0.1736	0.1772	0.1808	0.1844	0.1879
0.5	0.1915	0.1950	0.1985	0.2019	0.2054	0.2088	0.2123	0.2157	0.2190	0.2224
0.6	0.2257	0.2291	0.2324	0.2357	0.2389	0.2422	0.2454	0.2486	0.2517	0.2549
0.7	0.2580	0.2611	0.2642	0.2673	0.2704	0.2734	0.2764	0.2794	0.2823	0.2852
0.8	0.2881	0.2910	0.2939	0.2969	0.2995	0.3023	0.3051	0.3078	0.3106	0.3133
0.9	0.3159	0.3186	0.3212	0.3238	0.3264	0.3289	0.3315	0.3340	0.3365	0.3389
1.0	0.3413	0.3438	0.3461	0.3485	0.3508	0.3513	0.3554	0.3577	0.3529	0.3621
1.1	0.3643	0.3665	0.3686	0.3708	0.3729	0.3749	0.3770	0.3790	0.3810	0.3830
1.2	0.3849	0.3869	0.3888	0.3907	0.3925	0.3944	0.3962	0.3980	0.3997	0.4015
1.3	0.4032	0.4049	0.4066	0.4082	0.4099	0.4115	0.4131	0.4147	0.4162	0.4177
1.4	0.4192	0.4207	0.4222	0.4236	0.4251	0.4265	0.4279	0.4292	0.4306	0.4319
1.5	0.4332	0.4345	0.4357	0.4370	0.4382	0.4394	0.4406	0.4418	0.4429	0.4441
1.6	0.4452	0.4463	0.4474	0.4484	0.4495	0.4505	0.4515	0.4525	0.4535	0.4545
1.7	0.4554	0.4564	0.4573	0.4582	0.4591	0.4599	0.4608	0.4616	0.4625	0.4633
1.8	0.4641	0.4649	0.4656	0.4664	0.4671	0.4678	0.4686	0.4693	0.4699	0.4706
1.9	0.4713	0.4719	0.4726	0.4732	0.4738	0.4744	0.4750	0.4756	0.4761	0.4767
2.0	0.4772	0.4778	0.4783	0.4788	0.4793	0.4798	0.4803	0.4808	0.4812	0.4817
2.1	0.4821	0.4826	0.4830	0.4834	0.4838	0.4842	0.4846	0.4850	0.4854	0.4857
2.2	0.4861	0.4864	0.4868	0.4871	0.4875	0.4878	0.4881	0.4884	0.4887	0.4890
2.3	0.4893	0.4896	0.4898	0.4901	0.4904	0.4906	0.4909	0.4911	0.4913	0.4916
2.4	0.4918	0.4920	0.4922	0.4925	0.4927	0.4929	0.4931	0.4932	0.4934	0.4936
2.5	0.4938	0.4940	0.4941	0.4943	0.4945	0.4946	0.4948	0.4949	0.4951	0.4952
2.6	0.4953	0.4955	0.4956	0.4957	0.4959	0.4960	0.4961	0.4962	0.4963	0.4964
2.7	0.4965	0.4966	0.4967	0.4968	0.4969	0.4970	0.4971	0.4972	0.4973	0.4974
2.8	0.4974	0.4975	0.4976	0.4977	0.4977	0.4978	0.4979	0.4979	0.4980	0.4981
2.9	0.4981	0.4982	0.4982	0.4983	0.4984	0.4984	0.4985	0.4985	0.4986	0.4986
3.0	0.4987	0.4987	0.4987	0.4988	0.4988	0.4989	0.4989	0.4989	0.4990	0.4990
3.1	0.4990	0.4991	0.4991	0.4991	0.4992	0.4992	0.4992	0.4992	0.4993	0.4993
3.2	0.4993	0.4993	0.4994	0.4994	0.4994	0.4994	0.4994	0.4995	0.4995	0.4995
3.3	0.4995	0.4995	0.4995	0.4996	0.4996	0.4996	0.4996	0.4996	0.4996	0.4997
3.4	0.4997	0.4997	0.4997	0.4997	0.4997	0.4997	0.4997	0.4997	0.4997	0.4998

# **Poisson Distribution Table**

$\lambda =$		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8
x=	0	0.9048	0.8187	0.7408	0.6703	0.6065	0.5488	0.4966	0.4493	0.4066	0.3679	0.3012	0.2466	0.2019	0.1653
	1	0.9953	0.9825	0.9631	0.9384	0.9098	0.8781	0.8442	0.8088	0.7725	0.7358	0.6626	0.5918	0.5249	0.4628
	2	0.9998	0.9989	0.9964	0.9921	0.9856	0.9769	0.9659	0.9526	0.9371	0.9197	0.8795	0.8335	0.7834	0.7306
	3	1.0000	0.9999	0.9997	0.9992	0.9982	0.9966	0.9942	0.9909	0.9865	0.9810	0.9662	0.9463	0.9212	0.8913
	4	1.0000	1 0000	1.0000	0.9999	0.9998	0.9996	0.9992	0.9986	0.9977	0.9963	0.9923	0.9857	0.9763	0.9636
	5	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9997	0.9994	0.9985	0.9968	0.9940	0.9896
	6	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9994	0.9987	0.9974
	7	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9994
	8	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999
	9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
λ =	-	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.5	5.0	5.5
x =	0	0 1353	0 1108	0.0907	0.0743	0.0608	0.0498	0.0408	0.0334	0.0273	0.0224	0.0183	0.0111	0.0067	0.0041
	ĭ	0.4060	0.3546	0 3084	0.2674	0.2311	0 1001	0 1712	0 1468	0 1257	0 1074	0.0016	0.0611	0.0404	0.0266
	2	0.6767	0.6227	0.5697	0.5184	0 4695	0 4232	0.3799	0.3397	0.3027	0 2689	0.2381	0 1736	0 1247	0.0884
	3	0.8571	0.8194	0 7787	0 7360	0.6919	0.6472	0.6025	0.5584	0.5152	0 4735	0 4335	0.3423	0 2650	0.2017
	4	0.9473	0.9275	0 9041	0.8774	0.8477	0.8153	0 7806	0 7442	0 7064	0.6678	0.6288	0.5321	0 4405	0.3575
	5	0.9834	0.9751	0.9643	0.9510	0.9349	0.9161	0.8946	0.8705	0.8441	0.8156	0 7851	0 7029	0.6160	0.5289
	6	0.9955	0.9925	0.9884	0.9828	0.9756	0.9665	0.9554	0.9421	0.9267	0.9091	0.8893	0.8311	0.7622	0.6860
	7	0 9989	0.9980	0 9967	0 9947	0 9919	0.9881	0.9832	0 9769	0.9692	0.9599	0 9489	0.9134	0.8666	0.8095
	8	0.9998	0.9995	0.9991	0.9985	0.9976	0.9962	0.9943	0.9917	0.9883	0.9840	0.9786	0.9597	0.9319	0.8944
	9	1.0000	0.9999	0.9998	0.9996	0.9993	0.9989	0.9982	0.9973	0.9960	0.9942	0.9919	0.9829	0.9682	0.9462
	10	1 0000	1 0000	1 0000	0.9999	0.9998	0 9997	0.9995	0.9992	0.9987	0.9981	0 9972	0.9933	0.9863	0.9747
	11	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9996	0.9994	0.9991	0.9976	0.9945	0.9890
	12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9997	0.9992	0.9980	0.9955
	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9993	0.9983
	14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9994
	15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
	16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999
	17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
λ=		6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	11.0	10.0	12.0	14.0	15.0
x =	0	0 0025	0.0045	0 0000	0 0000	0 0000	0 0000	0 0004	0 0004	0 0000	0 0000	0 0000	0 0000	0 0000	0 0000
	•	0.0025	0.0015	0.0009	0.0006	0.0003	0.0002	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	1	0.0023	0.0015	0.0009	0.0006	0.0003	0.0002	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	1 2	0.0174 0.0620	0.0015	0.0009 0.0073 0.0296	0.0006	0.0003 0.0030 0.0138	0.0002	0.0001 0.0012 0.0062	0.0001 0.0008 0.0042	0.0000	0.0002	0.0005	0.0001	0.0000 0.0000 0.0001	0.0000 0.0000 0.0000
	1 2 3	0.0023	0.0015 0.0113 0.0430 0.1118	0.0009 0.0073 0.0296 0.0818	0.0006 0.0047 0.0203 0.0591	0.0003 0.0030 0.0138 0.0424	0.0002 0.0019 0.0093 0.0301	0.0001 0.0012 0.0062 0.0212	0.0001 0.0008 0.0042 0.0149	0.0000 0.0005 0.0028 0.0103	0.0000 0.0002 0.0012 0.0049	0.0005 0.0028 0.0103	0.0000 0.0001 0.0005 0.0023	0.0000 0.0000 0.0001 0.0005	0.0000 0.0000 0.0000 0.0002
	1 2 3 4	0.0023 0.0174 0.0620 0.1512 0.2851	0.0015 0.0113 0.0430 0.1118 0.2237	0.0009 0.0073 0.0296 0.0818 0.1730	0.0006 0.0047 0.0203 0.0591 0.1321	0.0003 0.0030 0.0138 0.0424 0.0996	0.0002 0.0019 0.0093 0.0301 0.0744	0.0001 0.0012 0.0062 0.0212 0.0550	0.0001 0.0008 0.0042 0.0149 0.0403	0.0000 0.0005 0.0028 0.0103 0.0293	0.0000 0.0002 0.0012 0.0049 0.0151	0.0000 0.0005 0.0028 0.0103 0.0293	0.0000 0.0001 0.0005 0.0023 0.0076	0.0000 0.0000 0.0001 0.0005 0.0018	0.0000 0.0000 0.0000 0.0002 0.0009
	1 2 3 4 5	0.0023 0.0174 0.0620 0.1512 0.2851 0.4457	0.0015 0.0113 0.0430 0.1118 0.2237 0.3690	0.0009 0.0073 0.0296 0.0818 0.1730 0.3007	0.0006 0.0047 0.0203 0.0591 0.1321 0.2414	0.0003 0.0030 0.0138 0.0424 0.0996 0.1912	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157	0.0001 0.0008 0.0042 0.0149 0.0403 0.0885	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671	0.0000 0.0002 0.0012 0.0049 0.0151 0.0375	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671	0.0000 0.0001 0.0005 0.0023 0.0076 0.0203	0.0000 0.0000 0.0001 0.0005 0.0018 0.0055	0.0000 0.0000 0.0002 0.0009 0.0028
	1 2 3 4 5 6 7	0.0023 0.0174 0.0620 0.1512 0.2851 0.4457 0.6063	0.0015 0.0113 0.0430 0.1118 0.2237 0.3690 0.5265	0.0009 0.0073 0.0296 0.0818 0.1730 0.3007 0.4497	0.0006 0.0047 0.0203 0.0591 0.1321 0.2414 0.3782	0.0003 0.0030 0.0138 0.0424 0.0996 0.1912 0.3134	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068	0.0001 0.0008 0.0042 0.0149 0.0403 0.0885 0.1649	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301	0.0000 0.0002 0.0012 0.0049 0.0151 0.0375 0.0786	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301	0.0000 0.0001 0.0005 0.0023 0.0076 0.0203 0.0458	0.0000 0.0001 0.0005 0.0018 0.0055 0.0142	0.0000 0.0000 0.0002 0.0009 0.0028 0.0076
	1 2 3 4 5 6 7	0.0023 0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440	0.0015 0.0113 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.6728	0.0009 0.0073 0.0296 0.0818 0.1730 0.3007 0.4497 0.5987 0.7201	0.0006 0.0047 0.0203 0.0591 0.1321 0.2414 0.3782 0.5246	0.0003 0.0030 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239	0.0001 0.0008 0.0042 0.0149 0.0403 0.0885 0.1649 0.2687 0.2018	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202	0.0000 0.0002 0.0012 0.0049 0.0151 0.0375 0.0786 0.1432	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202	0.0000 0.0001 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550	0.0000 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621	0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180
	1 2 3 4 5 6 7 8	0.0023 0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472	0.0015 0.0113 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916	0.0009 0.0073 0.0296 0.0818 0.1730 0.3007 0.4497 0.5987 0.7291	0.0006 0.0047 0.0203 0.0591 0.1321 0.2414 0.3782 0.5246 0.6620	0.0003 0.0030 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557	0.0001 0.0008 0.0042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4570	0.0000 0.0002 0.0012 0.0049 0.0151 0.0375 0.0786 0.1432 0.2320	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4570	0.0000 0.0001 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550	0.0000 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621	0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374
	1 2 3 4 5 6 7 8 9	0.0023 0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9574	0.0015 0.0113 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.8774	0.0009 0.0073 0.0296 0.0818 0.1730 0.3007 0.4497 0.5987 0.7291 0.8305 0.9015	0.0006 0.0047 0.0203 0.0591 0.1321 0.2414 0.3782 0.5246 0.6620 0.7764 0.8622	0.0003 0.0030 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060	0.0001 0.0008 0.0042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.6453	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830	0.0000 0.0002 0.0012 0.0049 0.0151 0.0375 0.0786 0.1432 0.2320 0.3405 0.4599	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830	0.0000 0.0001 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472	0.0000 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757	0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185
	1 2 3 4 5 6 7 8 9 10	0.0023 0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9574 0.9574	0.0015 0.0113 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9661	0.0009 0.0073 0.0296 0.0818 0.1730 0.3007 0.4497 0.5987 0.7291 0.8305 0.9015 0.9467	0.0006 0.0047 0.0203 0.0591 0.1321 0.2414 0.3782 0.5246 0.6620 0.7764 0.8622 0.9208	0.0003 0.0030 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.9030	0.0001 0.0008 0.0042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.6453 0.7520	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6668	0.0000 0.0002 0.0012 0.0049 0.0151 0.0375 0.0786 0.1432 0.2320 0.3405 0.4599	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6668	0.0000 0.0001 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616	0.0000 0.0000 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757 0.2600	0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848
	1 2 3 4 5 6 7 8 9 10 11	0.0023 0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9574 0.9799 0.9912	0.0015 0.0113 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9661 0.8840	0.0009 0.0073 0.0296 0.0818 0.1730 0.3007 0.4497 0.5987 0.7291 0.8305 0.9015 0.9467 0.9230	0.0006 0.0047 0.0203 0.0591 0.1321 0.2414 0.3782 0.5246 0.6620 0.7764 0.8622 0.9208 0.9208	0.0003 0.0030 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.8881 0.9362	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758	0.0001 0.0008 0.0042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.5218 0.7520 0.8364	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916	0.0000 0.0002 0.0012 0.0049 0.0151 0.0375 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916	0.0000 0.0001 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.3472 0.4616	0.0000 0.0000 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757 0.2600 0.3585	0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676
	1 2 3 4 5 6 7 8 9 10 11 12 13	0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9574 0.9799 0.9912 0.9964	0.0015 0.0113 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9661 0.9840 0.9840	0.0009 0.0073 0.0296 0.0818 0.1730 0.3007 0.4497 0.5987 0.7291 0.8305 0.9015 0.9467 0.9730 0.9872	0.0006 0.0047 0.0203 0.0591 0.1321 0.2414 0.3782 0.5246 0.6620 0.7764 0.8622 0.9208 0.9573 0.9784	0.0003 0.0030 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.8881 0.9362 0.9658	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9261	0.0001 0.0008 0.0042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.6453 0.7520 0.8364 0.8981	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645	0.0002 0.0012 0.0049 0.0151 0.0375 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813	0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645	0.0000 0.0001 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616 0.5760 0.6815	0.0000 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757 0.2600 0.3585 0.4644	0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632
	1 2 3 4 5 6 7 8 9 10 11 12 13 14	0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9574 0.9799 0.9912 0.9964 0.9984	0.0015 0.0130 0.0430 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9661 0.9840 0.9920	0.0009 0.0073 0.0296 0.0818 0.1730 0.3007 0.4497 0.5987 0.7291 0.8305 0.9015 0.9467 0.9730 0.9872 0.9242	0.0006 0.0047 0.0203 0.0591 0.1321 0.2414 0.3782 0.5246 0.6620 0.7764 0.8622 0.9208 0.9208 0.9573 0.9784 0.9897	0.0003 0.0030 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.8881 0.9862 0.9658	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726	0.0001 0.0012 0.0012 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9261	0.0001 0.0008 0.0042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.5218 0.52218 0.6453 0.7520 0.8364 0.8981	0.0000 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165	0.0000 0.0002 0.0012 0.0049 0.0151 0.0375 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813	0.0005 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165	0.0000 0.0001 0.0003 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616 0.5615 0.6815	0.0000 0.0000 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757 0.2600 0.3585 0.4644	0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632 0.4657
	1 2 3 4 5 6 7 8 9 10 11 12 13 14	0.0174 0.0620 0.0520 0.2851 0.4457 0.6063 0.7440 0.9161 0.9574 0.9912 0.9964 0.9986 0.9986	0.0015 0.0113 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9661 0.9840 0.9929 0.9979 0.9928	0.0009 0.0073 0.0296 0.0818 0.1730 0.3007 0.4497 0.5987 0.7291 0.8305 0.9015 0.9467 0.9730 0.9872 0.9973	0.0006 0.0203 0.0591 0.1321 0.2414 0.3782 0.5246 0.6620 0.7764 0.8622 0.9208 0.9573 0.9784 0.9954	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.8881 0.9362 0.9658 0.9858	0.0002 0.0013 0.00301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9862	0.0001 0.0012 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.5874 0.5874 0.5874 0.5874 0.5874 0.9261 0.9261 0.9280	0.0001 0.0008 0.0042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.5218 0.5218 0.52520 0.8364 0.8981 0.9465	0.0000 0.00028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.4579 0.5830 0.4579 0.5830 0.4579 0.5830 0.4568 0.7916 0.8645 0.9165	0.0000 0.0012 0.0049 0.0151 0.0375 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.8540 0.9074	0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.4579 0.5830 0.4579 0.5830 0.4579 0.5830 0.4568 0.7916 0.8645 0.91613	0.0000 0.0001 0.0003 0.0023 0.0076 0.0203 0.0458 0.0458 0.1550 0.2424 0.3472 0.4616 0.5760 0.6815 0.7720 0.8444	0.0000 0.0000 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757 0.2600 0.3585 0.4644 0.5704 0.6694	0.0000 0.0000 0.0002 0.0002 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632 0.4657 0.5681
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9574 0.9799 0.9912 0.9964 0.9986 0.9998	0.0015 0.0113 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9661 0.9840 0.9929 0.9970 0.9986	0.0009 0.0073 0.0296 0.0818 0.1730 0.3007 0.4497 0.5987 0.7291 0.8305 0.9015 0.9015 0.9467 0.9730 0.9872 0.9943 0.9976	0.0006 0.0047 0.0203 0.0591 0.1321 0.2414 0.3782 0.5246 0.6620 0.7764 0.8622 0.9208 0.9573 0.9784 0.9954 0.9954 0.9954	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.8881 0.9362 0.9658 0.9827 0.9918	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.5231 0.6530 0.6530 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9862 0.9834	0.0001 0.0012 0.0012 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9261 0.9585 0.9780 0.9889	0.0001 0.0008 0.0042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.6453 0.6453 0.6453 0.6453 0.6453 0.6453 0.68981 0.9400 0.9602	0.0005 0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9165 0.9730	0.0000 0.0012 0.0049 0.0151 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.8540 0.9944 0.9441	0.0005 0.0028 0.0103 0.0293 0.0293 0.0293 0.1301 0.2202 0.3328 0.4579 0.5836 0.6968 0.6968 0.6968 0.7916 0.8645 0.9165 0.9513 0.9730	0.0000 0.0001 0.0003 0.0023 0.0076 0.0203 0.0458 0.0458 0.1550 0.2424 0.3472 0.3472 0.3472 0.3472 0.3615 0.7720 0.8414 0.8987	0.0000 0.0000 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757 0.2600 0.3585 0.4644 0.5704 0.6694 0.7559	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0180 0.0374 0.0699 0.1185 0.2676 0.2676 0.3632 0.4657 0.5681 0.6641
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	0.0174 0.0620 0.1512 0.2851 0.2851 0.6063 0.7440 0.8472 0.9161 0.9574 0.9912 0.9912 0.9995 0.9995 0.9999	0.0015 0.0430 0.0430 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9661 0.9840 0.9929 0.9970 0.9988 0.9998	0.0009 0.0296 0.0296 0.0818 0.1730 0.5987 0.5987 0.5987 0.7291 0.8305 0.9015 0.9467 0.9730 0.9730 0.9730 0.9976 0.9996	0.0006 0.0203 0.0293 0.1321 0.2414 0.37822 0.5246 0.6620 0.7764 0.8622 0.9208 0.9573 0.9784 0.9897 0.9954 0.9992	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.9862 0.9862 0.9862 0.9968 0.9918 0.9984	0.0002 0.0013 0.0031 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9862 0.9862 0.9934 0.9974	0.0001 0.0012 0.0062 0.0212 0.0550 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9261 0.9585 0.9780 0.9947	0.0001 0.00042 0.0042 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.6453 0.7520 0.8364 0.8981 0.9400 0.9665 0.9823	0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9730 0.9857	0.0002 0.0012 0.0049 0.0151 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.68540 0.9074 0.9074	0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9730 0.9857	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616 0.5760 0.5760 0.57760 0.8815 0.7720 0.8444 0.9370	0.0000 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1694 0.3585 0.4644 0.5704 0.3585 0.4694 0.7559 0.8272	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632 0.4657 0.5681 0.6641 0.7489
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	0.0174 0.0620 0.1512 0.2851 0.2851 0.6063 0.7440 0.8472 0.9161 0.9974 0.9974 0.9994 0.9994 0.9996 0.9998 0.9998 0.9999 0.9999	0.0113 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9661 0.9929 0.9929 0.9970 0.9988 0.9998 0.9999	0.0009 0.0296 0.0296 0.0818 0.1730 0.3007 0.4997 0.5987 0.7291 0.8305 0.9015 0.9015 0.9467 0.9730 0.9872 0.9943 0.9996 0.9999	0.0006 0.0203 0.0203 0.0591 0.1321 0.2414 0.3782 0.5246 0.6620 0.7764 0.8622 0.9208 0.9784 0.99784 0.9980 0.99954 0.99997	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.4530 0.4530 0.4530 0.4553 0.7166 0.8159 0.98881 0.93628 0.9658 0.9827 0.9918 0.9963 0.9984	0.0002 0.0013 0.0033 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.9486 0.9726 0.9486 0.9726 0.9862 0.9934 0.9977	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8758 0.9261 0.9261 0.9585 0.9780 0.9946	0.0001 0.00042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.6453 0.7520 0.8364 0.8364 0.8981 0.9400 0.9665 0.9823 0.9917	0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9730 0.9857 0.9928	0.0000 0.0012 0.0049 0.0151 0.0375 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.8540 0.9074 0.9074 0.9678	0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9513 0.9857 0.9928	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616 0.5760 0.6815 0.7720 0.8844 0.8987 0.9370 0.9626	0.0000 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757 0.2600 0.3585 0.4644 0.5704 0.6694 0.8272 0.8826	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632 0.3632 0.3657 0.5681 0.6641 0.7489
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9574 0.9912 0.9912 0.9998 0.9998 0.9998 0.9999 1.0000	0.0113 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9661 0.9929 0.9970 0.9988 0.9996 0.9998 0.9998 0.9998	0.0009 0.0296 0.0296 0.0818 0.1730 0.3007 0.5987 0.7291 0.8305 0.9015 0.9467 0.9730 0.9872 0.9943 0.9976 0.9990 0.9999 0.9999	0.0006 0.0203 0.0591 0.1321 0.2414 0.5246 0.6620 0.7764 0.8622 0.9208 0.9784 0.9987 0.9954 0.9980 0.9992 0.9999	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.8881 0.9362 0.9658 0.9827 0.9918 0.9963 0.9994 0.9993	0.0002 0.0013 0.0033 0.0301 0.0744 0.1496 0.2562 0.38566 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9934 0.9934 0.9995	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8758 0.9261 0.9585 0.9780 0.9889 0.9947 0.9988	0.0001 0.00042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.6453 0.7520 0.8384 0.9840 0.9400 0.9665 0.9823 0.9911 0.9950	0.0000 0.0028 0.0103 0.0293 0.0671 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9165 0.9153 0.9730 0.9857 0.9928	0.0000 0.0012 0.0049 0.0151 0.0375 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.8540 0.9074 0.9441 0.9678 0.9907	0.0005 0.0028 0.0103 0.0293 0.0671 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9165 0.9513 0.9730 0.9857 0.9928 0.9965	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616 0.5760 0.6815 0.7720 0.8444 0.8987 0.9376 0.9626	0.0000 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757 0.2600 0.3585 0.4644 0.5704 0.4694 0.4579 0.4694 0.4559 0.8226 0.8826 0.9235	0.0000 0.0000 0.0000 0.0002 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632 0.3632 0.3657 0.3681 0.36841 0.75681 0.8752
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9574 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000	0.0015 0.0130 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9661 0.9929 0.9970 0.9928 0.9996 0.9998 0.9999 1.0000	0.0009 0.0073 0.0296 0.0818 0.1730 0.3007 0.5987 0.7291 0.8305 0.9015 0.9467 0.9730 0.9872 0.9943 0.9976 0.9999 0.9999 1.0000	0.0006 0.0203 0.0203 0.1321 0.2414 0.3782 0.5246 0.6620 0.7764 0.8622 0.9208 0.9784 0.9897 0.9954 0.9980 0.9992 0.9997 0.99997 0.99997	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.8881 0.9362 0.9658 0.9827 0.9918 0.9963 0.9984 0.9993 0.9999	0.0002 0.0013 0.0093 0.0301 0.0744 0.1496 0.2562 0.38566 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9948 0.9970 0.9987 0.9998	0.0001 0.0012 0.0012 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8030 0.9261 0.9585 0.9780 0.9585 0.9780 0.9889 0.9947 0.9976 0.9986	0.0001 0.00042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.5218 0.6453 0.7520 0.8364 0.9400 0.9665 0.9823 0.9911 0.9957 0.9981	0.0005 0.0028 0.0103 0.0293 0.0671 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9165 0.9165 0.9165 0.9165 0.9233 0.9857 0.9928 0.9984	0.0000 0.0012 0.0049 0.0151 0.0375 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.8540 0.9074 0.9074 0.9441 0.9678 0.9903	0.0005 0.0028 0.0103 0.0293 0.0671 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9165 0.9165 0.9165 0.9165 0.9165 0.9283	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616 0.5760 0.6815 0.7720 0.8444 0.8987 0.9370 0.9626 0.9784	0.0000 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757 0.2600 0.3585 0.4644 0.5704 0.5759 0.8272 0.8272 0.8226	0.0000 0.0000 0.0002 0.0002 0.0028 0.0076 0.0180 0.0374 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632 0.4657 0.5681 0.4657 0.5681 0.4657 0.5681 0.4657 0.5681 0.4657 0.8752 0.8752 0.8752 0.87750
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9799 0.9912 0.9964 0.9998 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000	0.0015 0.0430 0.0430 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9661 0.9840 0.9929 0.9970 0.9988 0.9996 0.9998 0.9998 0.9999 1.0000 1.0000	0.0009 0.0296 0.0296 0.0818 0.1730 0.5987 0.5987 0.7291 0.8305 0.9467 0.9730 0.9467 0.9730 0.9467 0.9973 0.9943 0.9976 0.9999 0.9999 0.9999 0.9999 1.0000 1.0000	0.0007 0.0203 0.0591 0.1321 0.5246 0.6620 0.7764 0.8620 0.9208 0.9573 0.9784 0.99897 0.9954 0.9992 0.9992 0.9999 1.0000	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8183 0.9362 0.9658 0.9963 0.9963 0.9984 0.9993 0.9997 0.99997 0.99997	0.0002 0.0013 0.0033 0.0301 0.2562 0.2562 0.255231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9862 0.9934 0.9970 0.9987 0.9995 0.9999	0.0001 0.0062 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9261 0.9780 0.9889 0.9947 0.9989 0.9998	0.0001 0.00042 0.0042 0.0403 0.0885 0.1649 0.2687 0.3918 0.45218 0.45218 0.45218 0.45218 0.45218 0.4520 0.7520 0.7520 0.7520 0.7520 0.7520 0.9881 0.99951 0.9996	0.0000 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.6968 0.7916 0.8645 0.9165 0.9730 0.9730 0.9730 0.9857 0.9928 0.9965 0.9983	0.0000 0.0012 0.0049 0.0151 0.0786 0.7860 0.4322 0.2320 0.3405 0.5793 0.6887 0.7813 0.8540 0.9074 0.9441 0.9414 0.9478	0.0000 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.6968 0.7916 0.8645 0.9165 0.9730 0.9730 0.9730 0.9857 0.9928 0.9965 0.9983	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.1550 0.2424 0.3476 0.4616 0.5760 0.6815 0.7720 0.8444 0.8987 0.9370 0.9626 0.9787 0.9884 0.9939	0.0000 0.0001 0.0005 0.0018 0.0055 0.0148 0.0316 0.0316 0.0621 0.2600 0.3585 0.4644 0.5704 0.7559 0.8272 0.8826 0.9235 0.9521	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0899 0.1185 0.1848 0.2676 0.3632 0.4657 0.5681 0.6641 0.6641 0.6641 0.6641 0.6849 0.8195 0.8195 0.9170 0.9469
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	0.0174 0.0174 0.0620 0.1512 0.2851 0.4457 0.9161 0.9749 0.9912 0.9964 0.9998 0.9999 1.0000 1.0000 1.0000	0.0015 0.0430 0.0430 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9840 0.9929 0.9970 0.9988 0.9998 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000	0.0009 0.0073 0.0296 0.0818 0.1730 0.5987 0.5987 0.7291 0.8305 0.9467 0.9730 0.9730 0.9730 0.9730 0.9943 0.9996 0.9999 0.9999 1.0000 1.0000	0.0007 0.0203 0.0591 0.1321 0.5246 0.6620 0.7764 0.9208 0.9573 0.9784 0.9897 0.9954 0.9982 0.9992 0.9992 0.9999 1.0000 1.0000	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.9862 0.9862 0.9862 0.9968 0.9984 0.9993 0.9994 0.9999 1.0000	0.0002 0.0013 0.0031 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.9091 0.9486 0.9726 0.9934 0.9970 0.9937 0.9995 0.9998 0.9998	0.0001 0.0062 0.0062 0.0212 0.0550 0.2068 0.3239 0.4557 0.5874 0.7060 0.8758 0.9261 0.9585 0.9780 0.9988 0.9947 0.9976 0.9989 0.9999	0.0001 0.00042 0.0042 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.6453 0.7520 0.8364 0.8364 0.9400 0.9665 0.9823 0.9911 0.9957 0.9980 0.9999	0.0000 0.0028 0.0103 0.0293 0.0293 0.0293 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9730 0.9857 0.9928 0.9965 0.9984 0.9997	0.0000 0.00012 0.0049 0.0151 0.0786 0.1432 0.2320 0.3405 0.5793 0.5793 0.5793 0.6887 0.7813 0.8540 0.9074 0.9441 0.9441 0.9678 0.9907	0.0005 0.0028 0.0103 0.0293 0.0293 0.0293 0.1301 0.2202 0.3328 0.4579 0.5836 0.6968 0.7916 0.8645 0.9165 0.9716 0.9730 0.9857 0.9928 0.9965 0.9984 0.9997	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616 0.5760 0.5760 0.5760 0.5770 0.8815 0.9370 0.99370 0.99384 0.9970	0.0000 0.0001 0.0005 0.0018 0.0055 0.0148 0.0316 0.0316 0.0621 0.1094 0.1757 0.2600 0.3585 0.4644 0.5704 0.3585 0.4644 0.5774 0.8272 0.8272 0.8222 0.8226 0.9235 0.9231	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.2676 0.3632 0.4657 0.5681 0.6641 0.6641 0.7489 0.8195 0.8752 0.9170 0.9469 0.9673
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	0.0174 0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9574 0.9912 0.9912 0.9995 0.9995 0.9995 0.9999 1.0000 1.0000 1.0000	0.0113 0.0430 0.0430 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9661 0.9840 0.9929 0.9970 0.9988 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000	0.0009 0.0073 0.0296 0.0818 0.1730 0.5987 0.5987 0.7291 0.8305 0.9467 0.9730 0.9730 0.9730 0.9976 0.9996 0.9999 1.0000 1.0000 1.0000	0.0006 0.0203 0.0293 0.1321 0.2414 0.37822 0.5246 0.6620 0.7764 0.8622 0.9208 0.9573 0.9784 0.9897 0.9954 0.9992 0.9992 0.9999 1.0000 1.0000	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.9862 0.9862 0.9862 0.9968 0.9998 0.9998 0.9999 1.0000 1.0000	0.0002 0.0013 0.0033 0.0301 0.0744 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9862 0.9970 0.9987 0.9995 0.9998 0.9999 1.0000	0.0001 0.0012 0.0062 0.0212 0.0550 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9261 0.9585 0.9780 0.9947 0.9947 0.9947 0.9998 0.9998 0.9998 0.9998	0.0001 0.00042 0.0042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.6453 0.7520 0.8364 0.8981 0.9400 0.9665 0.9823 0.9911 0.9957 0.9980 0.9999	0.0000 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9730 0.9857 0.9928 0.9965 0.9984 0.9993 0.9999	0.0002 0.0012 0.0049 0.0151 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.8540 0.9074 0.9074 0.96478 0.9923 0.9953	0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9730 0.9857 0.9928 0.9965 0.9984 0.9993 0.9999	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616 0.5760 0.5760 0.5760 0.5770 0.8444 0.9370 0.9370 0.9266 0.9787 0.9884 0.9970 0.9985	0.0000 0.0001 0.0005 0.0018 0.0055 0.0148 0.0316 0.0316 0.0621 0.1094 0.1694 0.3585 0.4644 0.5704 0.3585 0.4644 0.5704 0.3585 0.8272 0.8272 0.8226 0.9235 0.9221 0.9712 0.9833 0.9907	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.3632 0.4657 0.3632 0.4657 0.5681 0.6641 0.7489 0.8195 0.8752 0.9170 0.9463 0.9805
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	0.0174 0.0174 0.0620 0.1512 0.2851 0.2851 0.6063 0.7440 0.8472 0.9161 0.9574 0.9912 0.9912 0.994 0.9995 0.9995 0.9998 0.9995 0.9998 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.0000 1.0000 1.0000 1.0000 1.0000	0.0113 0.0430 0.0430 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9661 0.9929 0.9970 0.9988 0.9999 0.9999 1.0000 1.0000 1.0000	0.0009 0.0296 0.0296 0.0818 0.1730 0.5987 0.5987 0.7291 0.8305 0.9015 0.9467 0.9730 0.9872 0.9943 0.9976 0.9999 1.0000 1.0000 1.0000	0.0006 0.0203 0.0293 0.1321 0.2414 0.37822 0.5246 0.6620 0.7764 0.8622 0.9773 0.9784 0.9897 0.9954 0.9980 0.9995 0.9999 1.0000 1.0000 1.0000 1.0000	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.4530 0.5925 0.7166 0.8159 0.9881 0.9362 0.9658 0.9827 0.9918 0.9963 0.9993 0.9993 0.9999 1.0000 1.0000	0.0002 0.0013 0.0033 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.9486 0.9726 0.9486 0.9726 0.9862 0.9934 0.9995 0.9995 0.9995 0.9999 1.0000 1.0000	0.0001 0.0012 0.0062 0.0212 0.0550 0.2068 0.3239 0.4557 0.5874 0.7060 0.8758 0.9261 0.9585 0.9780 0.9948 0.9946 0.9998 0.9999 0.9999 0.9999 1.0000	0.0001 0.00042 0.0042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.5218 0.5218 0.4533 0.7520 0.8364 0.8981 0.9400 0.9665 0.9823 0.9911 0.9957 0.9980 0.9999 1.0000	0.0000 0.0028 0.0103 0.0293 0.0293 0.0293 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9513 0.9953 0.9928 0.9965 0.9984 0.9993 0.9999 1.0000	0.0000 0.00012 0.0049 0.0151 0.0375 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.6887 0.7813 0.68540 0.9074 0.9074 0.9678 0.9823 0.9907 0.9955 0.9995 0.9995	0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.7916 0.7916 0.8645 0.9165 0.9513 0.9513 0.9953 0.9928 0.9965 0.9984 0.9993 0.9999 1.0000	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616 0.5760 0.6815 0.7720 0.8844 0.9377 0.9884 0.9939 0.9978 0.9985 0.9993	0.0000 0.0001 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757 0.2600 0.3585 0.4644 0.5704 0.6694 0.8272 0.8826 0.8225 0.8225 0.8221 0.9712 0.9907 0.9950	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632 0.3632 0.3632 0.3657 0.5681 0.641 0.7489 0.8195 0.8195 0.8195 0.9170 0.9469 0.9808
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	0.0174 0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9574 0.9974 0.99161 0.9974 0.9998 0.9998 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000	0.0113 0.0430 0.0430 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9661 0.9929 0.9970 0.9988 0.9996 0.9998 0.99998 0.9998 0.99998 0.9900 0.9000 0.0000 0.0000 0.0000 0.00000 0.00000 0.00000 0.000000	0.0009 0.0296 0.0296 0.0818 0.1730 0.3007 0.5987 0.5987 0.9015 0.9015 0.9015 0.9730 0.9872 0.9943 0.9976 0.9990 0.9999 0.9999 0.9999 1.0000 1.0000 1.0000 1.0000	0.0006 0.0203 0.0203 0.0591 0.1321 0.2414 0.3782 0.5246 0.6620 0.7764 0.8622 0.9208 0.9784 0.99573 0.9984 0.9980 0.9999 1.0000 1.0000 1.0000 1.0000	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.9362 0.9658 0.9827 0.9918 0.9963 0.9993 0.9997 0.9999 1.0000 1.0000 1.0000	0.0002 0.0013 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.9486 0.9726 0.9934 0.9948 0.9995 0.9995 0.9998 0.9999 1.0000 1.0000	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8758 0.9261 0.9780 0.9989 0.9976 0.9989 0.9996 0.9998 0.9999 0.9999 1.0000 1.0000	0.0001 0.00042 0.0042 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.6453 0.7520 0.8364 0.8364 0.9940 0.9965 0.9923 0.9980 0.9991 0.9996 0.9999 0.9999 1.0000	0.0000 0.0028 0.0103 0.0293 0.0671 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9730 0.9953 0.9965 0.9984 0.9995 0.9998 0.9999 0.9999 1.0000	0.0000 0.00012 0.0049 0.0151 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.8540 0.9074 0.9441 0.96441 0.9623 0.9907 0.9953 0.9997 0.9998 0.9998 0.9999	0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9730 0.9957 0.9925 0.9984 0.9995 0.9994 0.9999 1.0000	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616 0.5760 0.6815 0.7720 0.6815 0.7720 0.8444 0.9987 0.99626 0.9787 0.9884 0.9939 0.99970	0.0000 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757 0.2600 0.3585 0.4644 0.5704 0.46694 0.45704 0.46694 0.45704 0.8826 0.9235 0.9251 0.9712 0.9950 0.9974	0.0000 0.0000 0.0000 0.0002 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632 0.3632 0.3632 0.3657 0.3681 0.6641 0.7489 0.8752 0.8752 0.9170 0.9469 0.9888 0.9938
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	0.0174 0.0174 0.0620 0.1512 0.2851 0.4457 0.9440 0.8472 0.9161 0.9799 0.9912 0.9964 0.9998 0.9998 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000	0.0015 0.0430 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9361 0.9840 0.9929 0.9970 0.9988 0.9996 0.9998 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000	0.0009 0.0296 0.0296 0.0818 0.1730 0.5987 0.5987 0.7291 0.8305 0.9467 0.9730 0.9467 0.9730 0.9872 0.9943 0.9976 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 1.0000 1.0000 1.0000 1.0000	0.0007 0.0203 0.0293 0.0591 0.1321 0.2414 0.3782 0.5246 0.6620 0.7764 0.8620 0.9208 0.9273 0.9978 0.9980 0.9992 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.81831 0.9362 0.9658 0.9963 0.9963 0.9993 0.9993 0.9993 0.9993 0.99997 0.9999 0.9999 1.0000 1.0000 1.0000	0.0002 0.0013 0.0033 0.0301 0.0744 0.1496 0.2562 0.2562 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9934 0.9970 0.9987 0.9995 0.9995 0.9999 1.0000 1.0000 1.0000	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9261 0.9780 0.9889 0.9947 0.9988 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000	0.0001 0.00042 0.0042 0.0403 0.0855 0.1649 0.2687 0.3918 0.5218 0.6453 0.7520 0.7520 0.7520 0.7520 0.8364 0.9881 0.9400 0.9665 0.9823 0.9911 0.9957 0.9980 0.9999 0.9999 0.9999 1.0000 1.0000	0.0000 0.0028 0.0103 0.0293 0.0293 0.0293 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9716 0.9730 0.9730 0.9730 0.9730 0.9928 0.9928 0.9993 0.9993 0.9999 1.0000 1.0000	0.0000 0.00012 0.0049 0.0151 0.0786 0.7816 0.4322 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.8540 0.9074 0.9441 0.9441 0.9478 0.9957 0.9990 0.9995 0.9999 0.9999 1.0000	0.0000 0.0028 0.0103 0.0293 0.0293 0.0293 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9716 0.9730 0.9730 0.9730 0.9730 0.9928 0.9928 0.9993 0.9993 0.9993 0.9999 1.0000 1.0000	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.1550 0.2424 0.3476 0.4616 0.5760 0.6815 0.7720 0.8444 0.8987 0.9370 0.9626 0.9787 0.9939 0.9993 0.9993	0.0000 0.0001 0.0005 0.0018 0.0055 0.0148 0.0316 0.0621 0.2600 0.3585 0.4644 0.7559 0.8272 0.8826 0.9521 0.9712 0.9833 0.9907 0.9950 0.9974 0.9987	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0374 0.0374 0.0374 0.1185 0.1848 0.2676 0.3632 0.4657 0.5681 0.6641 0.6641 0.6641 0.6641 0.7489 0.8195 0.8195 0.9469 0.9469 0.9488 0.9988 0.9987
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	0.0174 0.0174 0.0620 0.1512 0.2851 0.4457 0.9161 0.9799 0.9912 0.9964 0.9995 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0015 0.0430 0.0430 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9861 0.9840 0.9929 0.9970 0.9988 0.9998 0.9000 1.0000 1.0000 1.0000	0.0009 0.0296 0.0296 0.0818 0.1730 0.5987 0.5987 0.7291 0.8305 0.9467 0.9730 0.9730 0.9730 0.9730 0.9730 0.9730 0.9943 0.9996 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000	0.0007 0.0203 0.0591 0.1321 0.2414 0.37822 0.5246 0.6620 0.7764 0.8622 0.9208 0.9573 0.9784 0.9897 0.9954 0.9989 1.0000 1.0000 1.0000 1.0000 1.0000	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.9362 0.9362 0.9658 0.9827 0.9918 0.9963 0.9993 0.9994 0.9993 0.9999 1.0000 1.0000 1.0000	0.0002 0.0013 0.0031 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9934 0.9970 0.9987 0.9995 0.9998 0.9999 0.9998 0.9999 0.9998 0.9999 0.9999 0.9998 0.9999 0.9998 0.9999 0.9998 0.9999 0.9998 0.9998 0.9999 0.9998 0.9999 0.9998 0.9999 0.9998 0.9999 0.9000 1.0000 1.0000	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8758 0.9261 0.9585 0.9780 0.9988 0.9989 0.9997 0.9998 0.9999 1.0000 1.0000 1.0000	0.0001 0.00042 0.0042 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.5218 0.5218 0.453 0.7520 0.8364 0.9400 0.9665 0.9921 0.9921 0.9999 0.9999 0.9999 0.9999 1.0000 1.0000	0.0000 0.0028 0.0103 0.0293 0.0293 0.0293 0.0293 0.2202 0.3328 0.4579 0.5830 0.6968 0.99165 0.9716 0.9730 0.9730 0.99513 0.9928 0.9965 0.9948 0.9995 0.9997 0.9999 1.0000 1.0000	0.0000 0.00012 0.0049 0.0151 0.0786 0.7840 0.3405 0.4322 0.2320 0.3405 0.5793 0.6887 0.7813 0.8540 0.9074 0.9441 0.9678 0.9411 0.9678 0.9997 0.9995 0.9995 0.9999 0.9999 1.0000	0.0005 0.0028 0.0103 0.0293 0.0293 0.0293 0.1301 0.1301 0.2202 0.3328 0.4579 0.5836 0.6968 0.7916 0.6968 0.7916 0.8645 0.9165 0.9730 0.9978 0.9928 0.9965 0.9984 0.9997 0.9999 1.0000 1.0000	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.1550 0.2424 0.4616 0.5760 0.5760 0.5760 0.5770 0.8815 0.7720 0.8987 0.9970 0.9937 0.9993 0.9999 0.9999	0.0000 0.0001 0.0005 0.0018 0.0055 0.0148 0.0055 0.0142 0.0316 0.0621 0.1094 0.1094 0.3585 0.4644 0.5704 0.3585 0.4644 0.5704 0.3585 0.4694 0.7559 0.8272 0.8826 0.9235 0.9235 0.9212 0.9833 0.9907 0.9950 0.9994	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632 0.4657 0.5681 0.6641 0.7489 0.8195 0.8752 0.9170 0.9469 0.9967 0.9983
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 7 8 9 20 21 22 23 24 25 26 27 28	0.0174 0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9574 0.9912 0.9912 0.994 0.9995 0.9995 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0015 0.0430 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9661 0.9840 0.9929 0.9970 0.9988 0.9998 0.9998 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0009 0.0073 0.0296 0.0818 0.1730 0.5987 0.5987 0.7291 0.8305 0.9467 0.9730 0.9730 0.9730 0.9730 0.9943 0.9943 0.9996 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0007 0.0203 0.0293 0.0591 0.1321 0.2414 0.37822 0.5246 0.6620 0.7764 0.8622 0.9208 0.9573 0.9784 0.9954 0.9992 0.9995 0.9995 0.9999 1.0000 1.000	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.9862 0.9862 0.9862 0.9968 0.9984 0.9993 0.9998 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0002 0.0013 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.9091 0.9486 0.9726 0.9948 0.9970 0.9937 0.9995 0.9998 0.9995 0.9998 0.9999 0.9999 0.9999 0.9999 0.9999 0.0000 1.0000 1.0000 1.0000	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8758 0.9261 0.9585 0.9780 0.9988 0.9947 0.9989 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000	0.0001 0.00042 0.0042 0.0149 0.2687 0.3918 0.5218 0.5218 0.5218 0.5218 0.6453 0.7520 0.8364 0.9400 0.9665 0.9823 0.9991 0.9996 0.9999 0.9999 0.9999 0.9999 1.0000 1.0000 1.0000	0.0000 0.0028 0.0103 0.0293 0.0293 0.0293 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9730 0.9857 0.9928 0.9965 0.9984 0.9995 0.9999 1.0000 1.0000 1.0000 1.0000	0.0002 0.0012 0.0049 0.0151 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.8540 0.9074 0.9441 0.9678 0.9907 0.9953 0.9995 0.9995 0.9995 0.9998 0.9999 1.0000 1.0000	0.0005 0.0028 0.0103 0.0293 0.0293 0.0293 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9730 0.9857 0.9928 0.9965 0.9965 0.9993 0.9997 0.9999 1.0000 1.0000 1.0000	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616 0.5760 0.5760 0.6815 0.7720 0.8484 0.9370 0.9626 0.9787 0.9884 0.9970 0.9985 0.9993 0.9999 1.0000	0.0000 0.0001 0.0005 0.0018 0.0055 0.0148 0.0316 0.0316 0.0621 0.1094 0.1694 0.3585 0.4644 0.5704 0.3585 0.4644 0.5704 0.3585 0.8272 0.8272 0.8226 0.9235 0.9235 0.9251 0.9712 0.9833 0.9907 0.9994 0.9994 0.9994	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632 0.4657 0.5681 0.6641 0.7489 0.8195 0.8752 0.9170 0.94693 0.9973 0.9805 0.9888 0.9961
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	0.0174 0.0174 0.0620 0.1512 0.2851 0.4457 0.6063 0.7440 0.8472 0.9161 0.9574 0.9912 0.9912 0.994 0.9995 0.9995 0.9998 0.9990 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0113 0.0430 0.4130 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9361 0.9948 0.9929 0.9970 0.9988 0.9996 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0009 0.0073 0.0296 0.0818 0.1730 0.5987 0.5987 0.7291 0.8305 0.9467 0.9943 0.9976 0.9970 0.9972 0.9943 0.9976 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0006 0.0203 0.0203 0.0591 0.1321 0.2414 0.37822 0.5246 0.6620 0.7764 0.8622 0.9208 0.9573 0.9784 0.9897 0.9954 0.9992 0.9997 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.4530 0.5925 0.7166 0.8159 0.98427 0.9948 0.9963 0.9993 0.9993 0.9993 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0002 0.0013 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.9091 0.9486 0.9726 0.9987 0.9987 0.9995 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0001 0.0012 0.0062 0.0212 0.0550 0.2068 0.3239 0.4557 0.5874 0.7060 0.8758 0.9261 0.9585 0.9780 0.9976 0.9976 0.9998 0.9996 0.9998 0.9996 0.9998 0.9998 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9000 1.0000 1.0000 1.0000 1.0000	0.0001 0.00042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.5218 0.5218 0.6453 0.7520 0.8364 0.8981 0.9400 0.9665 0.9823 0.9991 0.9995 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000	0.0000 0.0028 0.0103 0.0293 0.0293 0.0293 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9953 0.9958 0.9984 0.9993 0.9995 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000	0.0000 0.00012 0.0049 0.0151 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.6887 0.7813 0.8540 0.9074 0.9074 0.9975 0.9995 0.9995 0.9995 0.9995 0.9995 0.9995 0.9999 1.0000 1.0000 1.0000	0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9736 0.9984 0.9965 0.9984 0.9993 0.9999 1.0000 1.0000 1.0000 1.0000	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3416 0.5760 0.5760 0.5760 0.5760 0.5815 0.7720 0.8444 0.9370 0.9626 0.9787 0.9884 0.9939 0.9993 0.9995 0.9993 0.9999 0.9999 0.9999 0.9999 0.9999	0.0000 0.0001 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1094 0.3585 0.4644 0.5704 0.3585 0.4644 0.5704 0.3585 0.4694 0.3559 0.8272 0.8272 0.8225 0.9235 0.9521 0.9712 0.9937 0.9997 0.9997	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632 0.4657 0.5681 0.6641 0.3632 0.4657 0.5881 0.6457 0.5881 0.6452 0.8195 0.8195 0.9470 0.9469 0.9805 0.9805 0.9888 0.9967 0.9983 0.9996
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	0.0174 0.0174 0.0620 0.1512 0.2851 0.4457 0.9457 0.99161 0.9974 0.99964 0.9995 0.9995 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0113 0.0430 0.4118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9661 0.9929 0.9970 0.9988 0.9999 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0009 0.0296 0.0296 0.0818 0.1730 0.5987 0.5987 0.7291 0.8305 0.9015 0.9467 0.9730 0.9872 0.9943 0.9976 0.9990 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0006 0.0203 0.0203 0.0591 0.1321 0.2414 0.3786 0.5246 0.6620 0.7764 0.8622 0.9208 0.9784 0.9957 0.9980 0.9995 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.9888 0.9925 0.9658 0.9827 0.9918 0.9963 0.9993 0.9993 0.9993 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0002 0.0013 0.0033 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.9486 0.9726 0.9948 0.9972 0.9987 0.9995 0.9995 0.9995 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2063 0.3239 0.4557 0.5874 0.7060 0.8758 0.9261 0.9585 0.9261 0.9585 0.9780 0.9988 0.9996 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0001 0.00042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.6453 0.7520 0.8364 0.8364 0.8364 0.9940 0.9965 0.9923 0.9957 0.9980 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9000 1.0000 1.0000 1.0000 1.0000	0.0000 0.0028 0.0103 0.0293 0.0293 0.0293 0.2022 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9730 0.9953 0.9958 0.9958 0.9965 0.9984 0.9993 0.9997 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0000 0.00012 0.0049 0.0151 0.0786 0.1432 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.8540 0.9074 0.9074 0.9678 0.9823 0.9907 0.9953 0.9997 0.9995 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000	0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9513 0.9730 0.9953 0.9958 0.9958 0.9965 0.9984 0.9993 0.9993 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.0895 0.1550 0.2424 0.3472 0.4616 0.5760 0.6815 0.7720 0.8844 0.9377 0.9884 0.9939 0.9985 0.9993 0.9993 0.9999 1.0000 1.0000	0.0000 0.0001 0.0001 0.0005 0.0018 0.0055 0.0142 0.0316 0.0621 0.1094 0.1757 0.2600 0.3585 0.4644 0.5704 0.3585 0.4644 0.5704 0.46694 0.7559 0.8272 0.8826 0.82521 0.9712 0.9833 0.9950 0.9950 0.9954 0.9994 0.9999 0.9999	0.0000 0.0000 0.0000 0.0002 0.0028 0.0076 0.0180 0.0374 0.0699 0.1185 0.1848 0.2676 0.3632 0.4657 0.5681 0.6641 0.7489 0.8195 0.8752 0.9170 0.9469 0.9888 0.9938 0.9983 0.9996 0.9998
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 7 8 9 10 11 12 13 14 15 16 7 8 9 20 21 22 23 24 25 26 27 28 29 30 31	0.0174 0.0174 0.0620 0.1512 0.2851 0.4457 0.9440 0.8472 0.9161 0.9799 0.9912 0.9964 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9999 1.0000	0.0015 0.0430 0.0430 0.0430 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9361 0.9840 0.9929 0.9970 0.9988 0.9996 0.9998 0.9998 0.9999 1.0000	0.0009 0.0296 0.0296 0.0818 0.1730 0.5987 0.5987 0.7291 0.8305 0.9467 0.9730 0.9467 0.9730 0.9872 0.9943 0.9976 0.9990 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.9999 0.09990 0.9990 0.9990 0.9990 0.9990 0.9990 0.9990 0.9990 0.9990 0.9990 0.9990 0.9990 0.9990 0.9990 0.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000	0.0007 0.0203 0.0591 0.1321 0.2414 0.5246 0.6620 0.7764 0.8620 0.9208 0.9573 0.9784 0.9980 0.9980 0.9992 0.9999 1.0000	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.81831 0.9362 0.9658 0.9963 0.9963 0.9984 0.9993 0.9993 0.9993 0.9993 0.9993 0.9993 0.9993 0.9993 0.9993 0.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0002 0.0013 0.0033 0.0301 0.744 0.1496 0.2562 0.2562 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9934 0.9934 0.9995 0.9995 0.9995 0.9995 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9261 0.9585 0.9780 0.9988 0.9947 0.9976 0.9988 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0001 0.0002 0.0042 0.0149 0.2687 0.3918 0.2687 0.3918 0.45218 0.45957 0.45999 0.45999 0.40000 1.00000	0.0000 0.0028 0.0103 0.0293 0.0293 0.0293 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9730 0.9730 0.9730 0.9730 0.9730 0.9985 0.9928 0.9993 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0000 0.00012 0.0049 0.0151 0.0786 0.7816 0.4322 0.2320 0.3405 0.4599 0.5793 0.6887 0.7813 0.8540 0.9074 0.9441 0.9441 0.9478 0.9955 0.9999 0.9995 0.9995 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000	0.0000 0.0028 0.0103 0.0293 0.0293 0.0293 0.0293 0.1301 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9716 0.9730 0.9730 0.9730 0.9730 0.9730 0.9985 0.9954 0.9993 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.1550 0.2424 0.3476 0.4616 0.5760 0.46416 0.5760 0.46416 0.5760 0.8444 0.8987 0.9370 0.9626 0.9939 0.9939 0.9993 0.9993 0.9999 0.9999 0.9999 1.0000 1.0000 1.0000	0.0000 0.0001 0.0005 0.0018 0.0055 0.0148 0.0055 0.0142 0.0316 0.0621 0.2600 0.3585 0.4644 0.7559 0.8272 0.8826 0.9521 0.9712 0.9833 0.9907 0.9950 0.9974 0.9994 0.9999 1.0000	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0374 0.0374 0.0374 0.0374 0.0374 0.0374 0.03641 0.7489 0.8495 0.8641 0.7489 0.8495 0.9469 0.9469 0.9469 0.9469 0.9469 0.9469 0.9469 0.9469 0.9888 0.9967 0.9883 0.9991 0.9999 0.9999
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 7 8 9 10 11 12 13 14 15 16 7 8 9 20 21 22 23 24 25 26 27 8 9 30 31 32	0.0174 0.0174 0.0620 0.1512 0.2851 0.4457 0.9440 0.8472 0.9161 0.9799 0.9912 0.9964 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0015 0.0430 0.0430 0.0430 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9332 0.9611 0.9840 0.9929 0.9970 0.9988 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0009 0.0296 0.0296 0.0818 0.1730 0.5987 0.5987 0.7291 0.8305 0.9467 0.9730 0.9467 0.9730 0.9467 0.9730 0.9872 0.9943 0.9943 0.9996 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.00047 0.0203 0.0293 0.0591 0.1321 0.2414 0.37822 0.9246 0.6620 0.7764 0.8620 0.9208 0.9273 0.9978 0.9954 0.9989 0.9999 1.0000 1.00	0.0003 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8153 0.9658 0.9888 0.9827 0.9918 0.9963 0.9984 0.9993 0.9997 0.9998 0.9993 0.9998 0.99997 0.9998 0.99997 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0002 0.0013 0.0033 0.0301 0.744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9937 0.9995 0.9995 0.9995 0.9995 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9261 0.9780 0.9989 0.9989 0.9988 0.9988 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0001 0.00042 0.0042 0.0403 0.2687 0.3918 0.4635 0.7520 0.8364 0.9405 0.9823 0.9911 0.9957 0.9980 0.9999 0.9999 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0000 0.0028 0.0103 0.0293 0.0293 0.0293 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9730 0.9730 0.9730 0.9730 0.9957 0.9928 0.9955 0.9943 0.9995 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0000 0.00012 0.0049 0.0151 0.0786 0.1432 0.2320 0.3405 0.5793 0.6887 0.7813 0.8540 0.9074 0.9411 0.9678 0.9907 0.995 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0005 0.0028 0.0103 0.0293 0.0671 0.1301 0.2202 0.3328 0.4579 0.6968 0.7916 0.8645 0.9165 0.9710 0.9730 0.9730 0.9730 0.9957 0.9928 0.9955 0.9943 0.9995 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.1550 0.2424 0.3476 0.5760 0.4616 0.5760 0.4616 0.5760 0.4616 0.5770 0.8487 0.9370 0.9626 0.9787 0.9985 0.9993 0.9993 0.9999 0.9000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000	0.0000 0.0001 0.0005 0.0018 0.0055 0.0148 0.0055 0.0142 0.0316 0.0621 0.0621 0.2600 0.3585 0.4644 0.5704 0.2600 0.3585 0.4644 0.5704 0.5579 0.8272 0.8826 0.9521 0.9712 0.9833 0.9907 0.9950 0.9974 0.9994 0.9997 0.9999 0.9999 0.9999 0.9999 0.9999	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0374 0.0374 0.0374 0.0374 0.1888 0.2676 0.3632 0.4657 0.5681 0.6641 0.6641 0.6641 0.6641 0.6641 0.7489 0.8195 0.8195 0.9469 0.9469 0.9469 0.9988 0.9967 0.9983 0.9991 0.9996 0.9999 1.0000
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	0.0174 0.0174 0.0620 0.1512 0.2851 0.4457 0.9161 0.9574 0.9912 0.9964 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0015 0.0430 0.0430 0.1118 0.2237 0.3690 0.5265 0.6728 0.7916 0.8774 0.9840 0.9929 0.9970 0.9988 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.9998 0.09990 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0009 0.0073 0.0296 0.0818 0.1730 0.5987 0.5987 0.7291 0.8305 0.9437 0.9730 0.9730 0.9730 0.9730 0.9730 0.9730 0.9730 0.9943 0.9943 0.9996 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0007 0.0203 0.0293 0.0591 0.1321 0.2414 0.3782 0.5246 0.6620 0.7764 0.8622 0.9208 0.9573 0.9784 0.9897 0.9954 0.9989 1.0000	0.0003 0.0033 0.0138 0.0424 0.0996 0.1912 0.3134 0.4530 0.5925 0.7166 0.8159 0.9863 0.9862 0.9863 0.9963 0.9993 0.9994 0.9993 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0002 0.0019 0.0093 0.0301 0.0744 0.1496 0.2562 0.3856 0.5231 0.6530 0.7634 0.8487 0.9091 0.9486 0.9726 0.9934 0.9937 0.9995 0.9995 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0001 0.0012 0.0062 0.0212 0.0550 0.1157 0.2068 0.3239 0.4557 0.5874 0.7060 0.8030 0.8758 0.9261 0.9585 0.9780 0.9989 0.9989 0.9998 0.9998 0.9998 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0001 0.00042 0.0042 0.0149 0.0403 0.0885 0.1649 0.2687 0.3918 0.5218 0.5218 0.5218 0.6453 0.7520 0.8364 0.8364 0.9400 0.9653 0.9911 0.9957 0.9980 0.9999 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0000 0.00028 0.0103 0.0293 0.0293 0.0293 0.0293 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9730 0.9730 0.9730 0.99513 0.99551 0.9928 0.9965 0.9948 0.9995 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0002 0.0002 0.0012 0.0049 0.0151 0.0786 0.1432 0.2320 0.3405 0.5793 0.6887 0.7813 0.8540 0.9074 0.9441 0.9678 0.9953 0.9997 0.9995 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9995 0.9999 0.9095 0.9999 0.9000 1.0000 1.0000 1.0000 1.0000	0.0000 0.0028 0.0103 0.0293 0.0293 0.0293 0.0293 0.2202 0.3328 0.4579 0.5830 0.6968 0.7916 0.8645 0.9165 0.9730 0.9730 0.9730 0.9957 0.9928 0.9965 0.9965 0.9965 0.9965 0.99984 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.0000 0.0005 0.0023 0.0076 0.0203 0.0458 0.1550 0.2424 0.4616 0.5760 0.5760 0.5760 0.5760 0.5760 0.5770 0.9885 0.9977 0.9985 0.9970 0.9999 0.9000 1.0000 1.0000 1.0000	0.0000 0.0001 0.0005 0.0018 0.0055 0.0148 0.0055 0.0142 0.0316 0.0621 0.1094 0.1094 0.1094 0.2600 0.3585 0.4644 0.5704 0.2600 0.3585 0.4644 0.5704 0.7559 0.8272 0.8826 0.9235 0.9235 0.92521 0.9950 0.9974 0.99950 0.9994 0.9997 0.9999 0.9999 0.9999 0.9999 0.9999 0.9000 1.0000	0.0000 0.0000 0.0000 0.0002 0.0009 0.0028 0.0076 0.0180 0.0374 0.0699 0.1848 0.2676 0.3632 0.4657 0.5681 0.6641 0.7489 0.8195 0.8752 0.9170 0.9469 0.9463 0.9805 0.9888 0.9967 0.9983 0.9991 0.9998 0.9999 1.0000