

Binomialsummenfunktion

$$F_{n;p}(k)$$

n= 100

$$F_{n;p}(k) = \sum_{i=0}^k \binom{n}{i} p^i (1-p)^{n-i}$$

p=	0,02	0,03	0,04	0,05	0,1	1/6	0,2	0,25	0,3	1/3	0,4	0,5	0,6	2/3	0,7	0,75	0,8	5/6	0,9	0,95	0,96	0,97	0,98	p=
k=																								k=
0	0.1326	0.0476	0.0169	0.0059	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0.4033	0.1946	0.0872	0.0371	0.0003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0.6767	0.4198	0.2321	0.1183	0.0019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0.8590	0.6472	0.4295	0.2578	0.0078	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0.9492	0.8179	0.6289	0.4360	0.0237	0.0001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0.9845	0.9192	0.7884	0.6160	0.0576	0.0004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0.9959	0.9688	0.8936	0.7660	0.1172	0.0013	0.0001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0.9991	0.9894	0.9525	0.8720	0.2061	0.0038	0.0003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0.9998	0.9968	0.9810	0.9369	0.3209	0.0095	0.0009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
9	1	0.9991	0.9932	0.9718	0.4513	0.0213	0.0023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
10	1	0.9998	0.9978	0.9885	0.5832	0.0427	0.0057	0.0001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
11	1	1	0.9993	0.9957	0.7030	0.0777	0.0126	0.0004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	1	1	1	0.9998	0.9985	0.8018	0.1297	0.0253	0.0010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
13	1	1	1	1	0.9995	0.8761	0.2000	0.0469	0.0025	0.0001	0	0	0	0	0	0	0	0	0	0	0	0	0	13
14	1	1	1	1	0.9999	0.9274	0.2874	0.0804	0.0054	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	0	14
15	1	1	1	1	1	0.9601	0.3877	0.1285	0.0111	0.0004	0	0	0	0	0	0	0	0	0	0	0	0	0	15
16	1	1	1	1	1	0.9794	0.4942	0.1923	0.0211	0.0010	0.0001	0	0	0	0	0	0	0	0	0	0	0	0	16
17	1	1	1	1	1	0.9900	0.5994	0.2712	0.0376	0.0022	0.0002	0	0	0	0	0	0	0	0	0	0	0	0	17
18	1	1	1	1	1	0.9954	0.6965	0.3621	0.0630	0.0045	0.0005	0	0	0	0	0	0	0	0	0	0	0	0	18
19	1	1	1	1	1	0.9980	0.7803	0.4602	0.0995	0.0089	0.0011	0	0	0	0	0	0	0	0	0	0	0	0	19
20	1	1	1	1	1	0.9992	0.8481	0.5595	0.1488	0.0165	0.0024	0	0	0	0	0	0	0	0	0	0	0	0	20
21	1	1	1	1	1	0.9997	0.8998	0.6540	0.2114	0.0288	0.0048	0	0	0	0	0	0	0	0	0	0	0	0	21
22	1	1	1	1	1	0.9999	0.9369	0.7389	0.2864	0.0479	0.0091	0.0001	0	0	0	0	0	0	0	0	0	0	0	22
23	1	1	1	1	1	1	0.9621	0.8109	0.3711	0.0755	0.0164	0.0003	0	0	0	0	0	0	0	0	0	0	0	23
24	1	1	1	1	1	1	0.9783	0.8686	0.4617	0.1136	0.0281	0.0006	0	0	0	0	0	0	0	0	0	0	0	24
25	1	1	1	1	1	1	0.9881	0.9125	0.5535	0.1631	0.0458	0.0012	0	0	0	0	0	0	0	0	0	0	0	25
26	1	1	1	1	1	1	0.9938	0.9442	0.6417	0.2244	0.0715	0.0024	0	0	0	0	0	0	0	0	0	0	0	26
27	1	1	1	1	1	1	0.9969	0.9658	0.7224	0.2964	0.1066	0.0046	0	0	0	0	0	0	0	0	0	0	0	27
28	1	1	1	1	1	1	0.9985	0.9800	0.7925	0.3768	0.1524	0.0084	0	0	0	0	0	0	0	0	0	0	0	28
29	1	1	1	1	1	1	0.9993	0.9888	0.8505	0.4623	0.2093	0.0148	0	0	0	0	0	0	0	0	0	0	0	29
30	1	1	1	1	1	1	0.9997	0.9939	0.8962	0.5491	0.2766	0.0248	0	0	0	0	0	0	0	0	0	0	0	30
31	1	1	1	1	1	1	0.9999	0.9969	0.9307	0.6331	0.3525	0.0398	0.0001	0	0	0	0	0	0	0	0	0	0	31
32	1	1	1	1	1	1	1	0.9984	0.9554	0.7107	0.4344	0.0615	0.0002	0	0	0	0	0	0	0	0	0	0	32
33	1	1	1	1	1	1	1	0.9993	0.9724	0.7793	0.5188	0.0913	0.0004	0	0	0	0	0	0	0	0	0	0	33
34	1	1	1	1	1	1	1	0.9997	0.9836	0.8371	0.6019	0.1303	0.0009	0	0	0	0	0	0	0	0	0	0	34
35	1	1	1	1	1	1	1	0.9999	0.9906	0.8839	0.6803	0.1795	0.0018	0	0	0	0	0	0	0	0	0	0	35
36	1	1	1	1	1	1	1	0.9999	0.9948	0.9201	0.7511	0.2386	0.0033	0	0	0	0	0	0	0	0	0	0	36
37	1	1	1	1	1	1	1	0.9973	0.9470	0.8123	0.3068	0.0060	0	0	0	0	0	0	0	0	0	0	0	37
38	1	1	1	1	1	1	1	0.9986	0.9660	0.8630	0.3822	0.0105	0	0	0	0	0	0	0	0	0	0	0	38
39	1	1	1	1	1	1	1	0.9993	0.9790	0.9034	0.4621	0.0176	0	0	0	0	0	0	0	0	0	0	0	39
40	1	1	1	1	1	1	1	0.9997	0.9875	0.9341	0.5433	0.0284	0	0	0	0	0	0	0	0	0	0	0	40
41	1	1	1	1	1	1	1	0.9999	0.9928	0.9566	0.6225	0.0443	0.0001	0	0	0	0	0	0	0	0	0	0	41
42	1	1	1	1	1	1	1	0.9999	0.9960	0.9724	0.6967	0.0666	0.0002	0	0	0	0	0	0	0	0	0	0	42
43	1	1	1	1	1	1	1	1	0.9979	0.9831	0.7635	0.0967	0.0004	0	0	0	0	0	0	0	0	0	0	43
44	1	1	1	1	1	1	1	1	0.9989	0.9900	0.8211	0.1356	0.0009	0	0	0	0	0	0	0	0	0	0	44
45	1	1	1	1	1	1	1	1	0.9995	0.9943	0.8689	0.1841	0.0017	0	0	0	0	0	0	0	0	0	0	45
46	1	1	1	1	1	1	1	1	0.9997	0.9969	0.9070	0.2421	0.0032	0	0	0	0	0	0	0	0	0	0	46
47	1	1	1	1	1	1	1	1	0.9999	0.9983	0.9362	0.3086	0.0058	0	0	0	0	0	0	0	0	0	0	47
48	1	1	1	1	1	1	1	1	0.9999	0.9991	0.9577	0.3822	0.0100	0.0001	0	0	0	0	0	0	0	0	0	48
49	1	1	1	1	1	1	1	1	1	0.9996	0.9729	0.4602	0.0168	0.0002	0	0	0	0	0	0	0	0	0	49
50	1	1	1	1	1	1	1	1	1	0.9998	0.9832	0.5398	0.0271	0.0004	0	0	0	0	0	0	0	0	0	50
51	1	1	1	1	1	1	1	1	1	0.9999	0.9900	0.6178	0.0423	0.0009	0.0001	0	0	0	0	0	0	0	0	51
52	1	1	1	1	1	1	1	1	1	1	0.9942	0.6914	0.0638	0.0017	0.0001	0	0	0	0	0	0	0	0	52
53	1	1	1	1	1	1	1	1	1	1	0.9968	0.7579	0.0930	0.0031	0.0003	0	0	0	0	0	0	0	0	53
54	1	1	1	1	1	1	1	1	1	1	0.9983	0.8159	0.1311	0.0057	0.0005	0	0	0	0	0	0	0	0	54
55	1	1	1	1	1	1	1	1	1	1	0.9991	0.8644	0.1789	0.0100	0.0011	0	0	0	0	0	0	0	0	55
56	1	1	1	1	1	1	1	1	1	1	0.9996	0.9033	0.2365	0.0169	0.0021	0	0	0	0	0	0	0	0	56
57	1	1	1	1	1	1	1	1	1	1	0.9998	0.9334	0.3033	0.0276	0.0040	0.0001	0	0	0	0	0	0	0	57
58	1	1	1	1	1	1	1	1	1	1	0.9999	0.9557	0.3775	0.0434	0.0072	0.0001	0	0	0	0	0	0	0	58
59	1	1	1	1	1	1	1	1	1	1	1	0.9716	0.4567	0.0659	0.0125	0.0003	0	0	0	0	0	0	0	59
60	1	1	1	1	1	1	1	1	1	1	1	0.9824	0.5379	0.0966	0.0210	0.0007	0	0	0	0	0	0	0	60
61	1	1	1	1	1	1	1	1	1	1	1	0.9895	0.6178	0.1370	0.0340	0.0014	0	0	0	0	0	0	0	61
62	1	1	1	1	1	1	1	1	1	1	1	0.9940	0.6932	0.1877	0.0530	0.0027	0	0	0	0	0	0	0	62
63	1	1	1	1	1	1	1	1	1	1	1	0.9967	0.7614	0.2489	0.0799	0.0052	0.0001	0	0					