|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3.64041 | 9.3772 | 5.31462 | 6.59945 | 8.38156 | 5.07811 | 6.53907 | 7.22956 | 6.60768 | 7.71382 |
| 5.75578 | 3.9502 | 9.85909 | 4.52909 | 5.94602 | 7.3137 | 4.90809 | 5.23406 | 7.39523 | 7.31125 |
| 3.99937 | 7.65001 | 4.3562 | 6.06113 | 7.39777 | 10.05247 | 6.43292 | 8.0199 | 4.94497 | 6.6097 |
| 5.81704 | 5.12516 | 6.26406 | 5.9685 | 6.8497 | 5.33582 | 7.55968 | 6.97136 | 6.63295 | 5.92282 |
| 9.18625 | 6.82665 | 5.94415 | 6.46147 | 6.81953 | 5.91077 | 6.23945 | 2.50971 | 7.09315 | 9.68638 |
| 8.06705 | 5.70291 | 9.82362 | 7.97803 | 7.52219 | 5.69689 | 6.00555 | 6.23883 | 5.45215 | 6.05781 |
| 8.12325 | 7.57696 | 7.52576 | 6.30265 | 8.6441 | 7.16697 | 8.57813 | 4.46378 | 7.25038 | 5.69405 |
| 7.37224 | 4.33755 | 7.18073 | 5.99467 | 4.91027 | 5.4875 | 5.41738 | 6.70096 | 3.67127 | 7.41625 |
| 8.00953 | 9.31263 | 4.05076 | 6.93983 | 8.0721 | 5.44834 | 7.09633 | 5.51182 | 3.30021 | 4.09 |
| 10.24715 | 3.98851 | 7.84926 | 5.8587 | 8.64211 | 6.50763 | 6.02271 | 3.4888 | 6.3719 | 4.15582 |
| 6.1015 | 5.23535 | 5.87457 | 10.32918 | 7.82426 | 6.44886 | 7.97499 | 5.37684 | 4.95763 | 7.69881 |
| 7.47497 | 8.84713 | 5.77619 | 5.0881 | 4.70967 | 5.52618 | 7.79286 | 1.87159 | 7.92767 | 6.63057 |
| 6.45101 | 5.86552 | 7.16079 | 7.60695 | 6.05368 | 6.42997 | 5.77042 | 5.9997 | 7.55445 | 5.46837 |
| 5.81972 | 7.87745 | 4.65281 | 5.58832 | 8.54679 | 7.27813 | 7.72198 | 6.60142 | 6.75826 | 7.82288 |
| 6.51085 | 5.54433 | 6.9286 | 6.5644 | 5.20217 | 7.26298 | 7.65358 | 7.24042 | 6.40562 | 8.18177 |
| 6.12034 | 3.29996 | 7.47319 | 8.17098 | 6.85793 | 5.05313 | 7.82112 | 5.33771 | 5.36433 | 6.11853 |
| 6.51521 | 5.80473 | 4.85595 | 6.04075 | 9.26918 | 5.78147 | 8.80439 | 6.65516 | 7.2204 | 7.32318 |
| 4.18848 | 6.22537 | 5.17443 | 7.32261 | 7.76164 | 6.52046 | 5.53623 | 5.68934 | 3.33664 | 7.6687 |
| 7.78338 | 5.70195 | 8.01655 | 7.2371 | 6.47579 | 7.04078 | 7.94482 | 7.92795 | 5.11466 | 4.01908 |
| 9.11193 | 4.13973 | 8.9679 | 5.18905 | 5.39777 | 6.33452 | 7.51948 | 6.03394 | 4.89089 | 6.19693 |
| 4.66639 | 7.1814 | 4.62692 | 5.97272 | 4.66659 | 7.03948 | 4.54905 | 5.8303 | 7.53528 | 6.69135 |
| 7.41096 | 6.82549 | 7.19689 | 7.13165 | 4.65589 | 8.98148 | 5.79283 | 5.91219 | 8.54397 | 7.12817 |
| 7.47444 | 5.80151 | 5.94678 | 7.17816 | 9.8525 | 7.77355 | 5.19961 | 6.76466 | 6.00488 | 6.05546 |
| 7.34246 | 6.18372 | 6.42323 | 8.37439 | 6.45014 | 5.43343 | 8.42419 | 6.38758 | 6.72851 | 8.47295 |
| 6.97761 | 4.23657 | 5.11732 | 5.68349 | 6.04398 | 5.20866 | 5.77566 | 7.04857 | 7.43853 | 6.12494 |
| 5.10934 | 4.38807 | 8.05264 | 7.01104 | 7.99572 | 6.61089 | 7.09611 | 5.90679 | 6.4778 | 8.94013 |
| 9.40774 | 6.48184 | 5.34078 | 7.87238 | 6.75323 | 5.13621 | 4.86908 | 7.91988 | 7.11075 | 7.09717 |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1.87159 | 2.50971 | 3.29996 | 3.30021 | 3.33664 | 3.4888 | 3.64041 | 3.67127 | 3.9502 | 3.98851 |
| 3.99937 | 4.01908 | 4.05076 | 4.09 | 4.13973 | 4.15582 | 4.18848 | 4.23657 | 4.33755 | 4.3562 |
| 4.38807 | 4.46378 | 4.52909 | 4.54905 | 4.62692 | 4.65281 | 4.65589 | 4.66639 | 4.66659 | 4.70967 |
| 4.85595 | 4.86908 | 4.89089 | 4.90809 | 4.91027 | 4.94497 | 4.95763 | 5.05313 | 5.07811 | 5.0881 |
| 5.10934 | 5.11466 | 5.11732 | 5.12516 | 5.13621 | 5.17443 | 5.18905 | 5.19961 | 5.20217 | 5.20866 |
| 5.23406 | 5.23535 | 5.31462 | 5.33582 | 5.33771 | 5.34078 | 5.36433 | 5.37684 | 5.39777 | 5.41738 |
| 5.43343 | 5.44834 | 5.45215 | 5.46837 | 5.4875 | 5.51182 | 5.52618 | 5.53623 | 5.54433 | 5.58832 |
| 5.68349 | 5.68934 | 5.69405 | 5.69689 | 5.70195 | 5.70291 | 5.75578 | 5.77042 | 5.77566 | 5.77619 |
| 5.78147 | 5.79283 | 5.80151 | 5.80473 | 5.81704 | 5.81972 | 5.8303 | 5.8587 | 5.86552 | 5.87457 |
| 5.90679 | 5.91077 | 5.91219 | 5.92282 | 5.94415 | 5.94602 | 5.94678 | 5.9685 | 5.97272 | 5.99467 |
| 5.9997 | 6.00488 | 6.00555 | 6.02271 | 6.03394 | 6.04075 | 6.04398 | 6.05368 | 6.05546 | 6.05781 |
| 6.06113 | 6.1015 | 6.11853 | 6.12034 | 6.12494 | 6.18372 | 6.19693 | 6.22537 | 6.23883 | 6.23945 |
| 6.26406 | 6.30265 | 6.33452 | 6.3719 | 6.38758 | 6.40562 | 6.42323 | 6.42997 | 6.43292 | 6.44886 |
| 6.45014 | 6.45101 | 6.46147 | 6.47579 | 6.4778 | 6.48184 | 6.50763 | 6.51085 | 6.51521 | 6.52046 |
| 6.53907 | 6.5644 | 6.59945 | 6.60142 | 6.60768 | 6.6097 | 6.61089 | 6.63057 | 6.63295 | 6.65516 |
| 6.69135 | 6.70096 | 6.72851 | 6.75323 | 6.75826 | 6.76466 | 6.81953 | 6.82549 | 6.82665 | 6.8497 |
| 6.85793 | 6.9286 | 6.93983 | 6.97136 | 6.97761 | 7.01104 | 7.03948 | 7.04078 | 7.04857 | 7.09315 |
| 7.09611 | 7.09633 | 7.09717 | 7.11075 | 7.12817 | 7.13165 | 7.16079 | 7.16697 | 7.17816 | 7.18073 |
| 7.1814 | 7.19689 | 7.2204 | 7.22956 | 7.2371 | 7.24042 | 7.25038 | 7.26298 | 7.27813 | 7.31125 |
| 7.3137 | 7.32261 | 7.32318 | 7.34246 | 7.37224 | 7.39523 | 7.39777 | 7.41096 | 7.41625 | 7.43853 |
| 7.47319 | 7.47444 | 7.47497 | 7.51948 | 7.52219 | 7.52576 | 7.53528 | 7.55445 | 7.55968 | 7.57696 |
| 7.60695 | 7.65001 | 7.65358 | 7.6687 | 7.69881 | 7.71382 | 7.72198 | 7.76164 | 7.77355 | 7.78338 |
| 7.79286 | 7.82112 | 7.82288 | 7.82426 | 7.84926 | 7.87238 | 7.87745 | 7.91988 | 7.92767 | 7.92795 |
| 7.94482 | 7.97499 | 7.97803 | 7.99572 | 8.00953 | 8.01655 | 8.0199 | 8.05264 | 8.06705 | 8.0721 |
| 8.12325 | 8.17098 | 8.18177 | 8.37439 | 8.38156 | 8.42419 | 8.47295 | 8.54397 | 8.54679 | 8.57813 |
| 8.64211 | 8.6441 | 8.80439 | 8.84713 | 8.94013 | 8.9679 | 8.98148 | 9.11193 | 9.18625 | 9.26918 |
| 9.31263 | 9.3772 | 9.40774 | 9.68638 | 9.82362 | 9.8525 | 9.85909 | 10.05247 | 10.24715 | 10.32918 |
|  |  |  |  |  |  |  |  |  |  |

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| --- | --- | --- |
| (1.87159, 2.8113222222222225) | 2 | 0.007407407407407408 |
| (2.8113222222222225, 3.7510544444444447) | 6 | 0.022222222222222223 |
| (3.7510544444444447, 4.690786666666667) | 21 | 0.07777777777777778 |
| (4.690786666666667, 5.630518888888889) | 41 | 0.15185185185185185 |
| (5.630518888888889, 6.570251111111111) | 72 | 0.26666666666666666 |
| (6.570251111111111, 7.5099833333333335) | 61 | 0.22592592592592592 |
| (7.5099833333333335, 8.449715555555555) | 43 | 0.15925925925925927 |
| (8.449715555555555, 9.389447777777777) | 16 | 0.05925925925925926 |
| (9.389447777777777, 10.32918) | 8 | 0.02962962962962963 |

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| k | ak | ak - a / sigma | 1/phi | Phi | pk |
| 0 | 1.87159 | -3.2018763502677285 | 0.001635490264059964 | 0.0006826779589731999 | - |
| 1 | 2.8113222222222225 | -2.5533342538144 | 0.007295974377912992 | 0.0053348523716207795 | 0.0053348523716207795 |
| 2 | 3.7510544444444447 | -1.9047921573610718 | 0.030968298909848004 | 0.028403546876364105 | 0.023068694504743324 |
| 3 | 4.690786666666667 | -1.2562500609077434 | 0.0863145808367131 | 0.10451266085009109 | 0.07610911397372698 |
| 4 | 5.630518888888889 | -0.6077079644544149 | 0.1579733205968348 | 0.2716905898889491 | 0.16717792903885803 |
| 5 | 6.570251111111111 | 0.04083413199891363 | 0.1898524010427723 | 0.5162859356791271 | 0.24459534579017794 |
| 6 | 7.5099833333333335 | 0.6893762284522421 | 0.1498239374891947 | 0.7547067306028232 | 0.23842079492369617 |
| 7 | 8.449715555555555 | 1.33791832490557 | 0.07763884833232178 | 0.9095384685757432 | 0.15483173797291994 |
| 8 | 9.389447777777777 | 1.9864604213588983 | 0.026418595679866055 | 0.9765088883255093 | 0.09046153142425684 |
| 9 | 10.32918 | 2.635002517812227 | 0.005903004817562385 | 0.9957931670477067 | 0.023491111674490694 |

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| --- | --- | --- | --- | --- | --- |
| k | Интервал | wk | pk | |wk - pk| | N... |
| 1 | [1.87159, 2.8113222222222225] | 0.007407407407407408 | 0.0053348523716207795 | 0.0020725550357866282 | 0.2173969776160958 |
| 2 | [2.8113222222222225, 3.7510544444444447] | 0.022222222222222223 | 0.023068694504743324 | 0.0008464722825211012 | 0.00838621958996734 |
| 3 | [3.7510544444444447, 4.690786666666667] | 0.07777777777777778 | 0.07610911397372698 | 0.001668663804050799 | 0.009877903726692033 |
| 4 | [4.690786666666667, 5.630518888888889] | 0.15185185185185185 | 0.16717792903885803 | 0.015326077187006182 | 0.3793558975695783 |
| 5 | [5.630518888888889, 6.570251111111111] | 0.26666666666666666 | 0.24459534579017794 | 0.02207132087648872 | 0.5377398535036718 |
| 6 | [6.570251111111111, 7.5099833333333335] | 0.22592592592592592 | 0.23842079492369617 | 0.012494868997770248 | 0.1768003200256897 |
| 7 | [7.5099833333333335, 8.449715555555555] | 0.15925925925925927 | 0.15483173797291994 | 0.004427521286339331 | 0.034184174054756385 |
| 8 | [8.449715555555555, 9.389447777777777] | 0.05925925925925926 | 0.06697041974976614 | 0.00771116049050688 | 0.23972880877533584 |
| 9 | [9.389447777777777, 10.32918] | 0.02962962962962963 | 0.023491111674490694 | 0.006138517955138936 | 0.43309907449591223 |