|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7.25738 | 11.52185 | 5.09468 | 9.2615 | 10.88258 | 13.10261 | 6.90341 | 8.51396 | 12.12107 | 12.94295 |
| 6.02852 | 6.80315 | 10.78664 | 6.36467 | 8.57579 | 6.55817 | 7.35026 | 5.22446 | 11.59421 | 11.78861 |
| 12.73847 | 5.73917 | 6.13877 | 7.87955 | 11.48027 | 12.29792 | 8.96576 | 11.67647 | 6.59282 | 5.36279 |
| 11.98877 | 10.80248 | 7.19105 | 5.68877 | 11.27822 | 11.83316 | 10.4414 | 13.45253 | 9.75479 | 8.74553 |
| 5.64935 | 10.9877 | 13.57376 | 5.08739 | 9.92309 | 8.88674 | 10.44572 | 5.78399 | 9.34916 | 12.14771 |
| 11.20874 | 13.9343 | 5.50886 | 10.66109 | 9.07115 | 9.34502 | 5.93789 | 7.66058 | 11.23925 | 6.16235 |
| 9.21452 | 6.7694 | 12.24005 | 7.35512 | 13.27082 | 8.00582 | 13.12934 | 5.76176 | 5.37557 | 11.64731 |
| 10.42475 | 13.44326 | 9.7871 | 13.2287 | 6.64727 | 6.0305 | 7.62638 | 12.19217 | 8.41919 | 8.79026 |
| 7.14101 | 9.05783 | 10.47902 | 10.76414 | 12.80804 | 6.42335 | 13.70633 | 12.88229 | 12.85187 | 6.0242 |
| 8.98889 | 11.94467 | 9.89933 | 7.40543 | 5.54423 | 12.15437 | 9.40523 | 11.9633 | 13.11854 | 13.64144 |
| 5.24633 | 5.23679 | 10.03937 | 6.14003 | 6.01835 | 12.39971 | 11.43851 | 10.78151 | 7.86191 | 8.51945 |
| 12.37865 | 6.82376 | 10.62698 | 7.87082 | 5.81819 | 13.98479 | 9.58514 | 12.68294 | 6.18683 | 13.18604 |
| 8.08043 | 13.73315 | 12.08678 | 5.1071 | 5.15012 | 8.2751 | 5.2295 | 6.01484 | 5.63072 | 10.06502 |
| 13.7408 | 5.20421 | 12.56909 | 7.41821 | 10.22315 | 12.43013 | 7.7486 | 8.06774 | 6.25226 | 5.63261 |
| 11.94818 | 7.92941 | 10.51007 | 11.2163 | 6.30716 | 7.96532 | 13.86491 | 13.92944 | 11.53112 | 13.99793 |
| 12.90785 | 10.35239 | 12.90515 | 9.5081 | 8.93111 | 8.13119 | 10.29452 | 5.10341 | 9.86549 | 13.38683 |
| 9.88943 | 6.61514 | 11.90417 | 5.92583 | 12.59573 | 9.45689 | 9.21776 | 10.02002 | 10.90427 | 12.14276 |
| 9.78242 | 6.02456 | 11.19272 | 9.81788 | 10.9094 | 12.75467 | 11.23016 | 12.35093 | 5.90954 | 5.6381 |
| 12.53705 | 6.14435 | 5.22032 | 12.25679 | 7.94759 | 9.21515 | 11.31224 | 12.3629 | 8.45582 | 7.85048 |
| 6.04832 | 5.03996 | 10.07303 | 8.16854 | 7.23812 | 7.64339 | 5.25659 | 9.85874 | 6.60965 | 6.39689 |
| 11.38676 | 8.9888 | 12.94232 | 9.00365 | 6.44729 | 13.14815 | 5.14382 | 13.55954 | 13.63028 | 10.05872 |
| 8.2706 | 11.44247 | 12.18443 | 7.17449 | 10.24241 | 13.13528 | 7.6496 | 9.54869 | 7.62206 | 11.73182 |
| 7.46762 | 6.26486 | 12.13979 | 7.74518 | 5.78408 | 7.5749 | 13.86401 | 11.14511 | 8.60063 | 10.60106 |
| 6.04355 | 7.57616 | 8.54105 | 8.10338 | 6.03167 | 8.65931 | 12.86654 | 10.59287 | 11.18786 | 13.88705 |
| 5.0144 | 13.87022 | 10.11083 | 13.0433 | 8.15693 | 5.31266 | 7.02914 | 12.8921 | 9.04082 | 7.83518 |
| 11.54777 | 11.80013 | 7.04255 | 8.63366 | 9.5324 | 13.60103 | 8.79224 | 5.27423 | 12.57845 | 6.78254 |
| 11.35166 | 13.07336 | 13.05239 | 10.94054 | 9.2534 | 10.1768 | 8.97035 | 7.05866 | 12.75593 | 13.59401 |
|  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5.0144 | 5.03996 | 5.08739 | 5.09468 | 5.10341 | 5.1071 | 5.14382 | 5.15012 | 5.20421 | 5.22032 |
| 5.22446 | 5.2295 | 5.23679 | 5.24633 | 5.25659 | 5.27423 | 5.31266 | 5.36279 | 5.37557 | 5.50886 |
| 5.54423 | 5.63072 | 5.63261 | 5.6381 | 5.64935 | 5.68877 | 5.73917 | 5.76176 | 5.78399 | 5.78408 |
| 5.81819 | 5.90954 | 5.92583 | 5.93789 | 6.01484 | 6.01835 | 6.0242 | 6.02456 | 6.02852 | 6.0305 |
| 6.03167 | 6.04355 | 6.04832 | 6.13877 | 6.14003 | 6.14435 | 6.16235 | 6.18683 | 6.25226 | 6.26486 |
| 6.30716 | 6.36467 | 6.39689 | 6.42335 | 6.44729 | 6.55817 | 6.59282 | 6.60965 | 6.61514 | 6.64727 |
| 6.7694 | 6.78254 | 6.80315 | 6.82376 | 6.90341 | 7.02914 | 7.04255 | 7.05866 | 7.14101 | 7.17449 |
| 7.19105 | 7.23812 | 7.25738 | 7.35026 | 7.35512 | 7.40543 | 7.41821 | 7.46762 | 7.5749 | 7.57616 |
| 7.62206 | 7.62638 | 7.64339 | 7.6496 | 7.66058 | 7.74518 | 7.7486 | 7.83518 | 7.85048 | 7.86191 |
| 7.87082 | 7.87955 | 7.92941 | 7.94759 | 7.96532 | 8.00582 | 8.06774 | 8.08043 | 8.10338 | 8.13119 |
| 8.15693 | 8.16854 | 8.2706 | 8.2751 | 8.41919 | 8.45582 | 8.51396 | 8.51945 | 8.54105 | 8.57579 |
| 8.60063 | 8.63366 | 8.65931 | 8.74553 | 8.79026 | 8.79224 | 8.88674 | 8.93111 | 8.96576 | 8.97035 |
| 8.9888 | 8.98889 | 9.00365 | 9.04082 | 9.05783 | 9.07115 | 9.21452 | 9.21515 | 9.21776 | 9.2534 |
| 9.2615 | 9.34502 | 9.34916 | 9.40523 | 9.45689 | 9.5081 | 9.5324 | 9.54869 | 9.58514 | 9.75479 |
| 9.78242 | 9.7871 | 9.81788 | 9.85874 | 9.86549 | 9.88943 | 9.89933 | 9.92309 | 10.02002 | 10.03937 |
| 10.05872 | 10.06502 | 10.07303 | 10.11083 | 10.1768 | 10.22315 | 10.24241 | 10.29452 | 10.35239 | 10.42475 |
| 10.4414 | 10.44572 | 10.47902 | 10.51007 | 10.59287 | 10.60106 | 10.62698 | 10.66109 | 10.76414 | 10.78151 |
| 10.78664 | 10.80248 | 10.88258 | 10.90427 | 10.9094 | 10.94054 | 10.9877 | 11.14511 | 11.18786 | 11.19272 |
| 11.20874 | 11.2163 | 11.23016 | 11.23925 | 11.27822 | 11.31224 | 11.35166 | 11.38676 | 11.43851 | 11.44247 |
| 11.48027 | 11.52185 | 11.53112 | 11.54777 | 11.59421 | 11.64731 | 11.67647 | 11.73182 | 11.78861 | 11.80013 |
| 11.83316 | 11.90417 | 11.94467 | 11.94818 | 11.9633 | 11.98877 | 12.08678 | 12.12107 | 12.13979 | 12.14276 |
| 12.14771 | 12.15437 | 12.18443 | 12.19217 | 12.24005 | 12.25679 | 12.29792 | 12.35093 | 12.3629 | 12.37865 |
| 12.39971 | 12.43013 | 12.53705 | 12.56909 | 12.57845 | 12.59573 | 12.68294 | 12.73847 | 12.75467 | 12.75593 |
| 12.80804 | 12.85187 | 12.86654 | 12.88229 | 12.8921 | 12.90515 | 12.90785 | 12.94232 | 12.94295 | 13.0433 |
| 13.05239 | 13.07336 | 13.10261 | 13.11854 | 13.12934 | 13.13528 | 13.14815 | 13.18604 | 13.2287 | 13.27082 |
| 13.38683 | 13.44326 | 13.45253 | 13.55954 | 13.57376 | 13.59401 | 13.60103 | 13.63028 | 13.64144 | 13.70633 |
| 13.73315 | 13.7408 | 13.86401 | 13.86491 | 13.87022 | 13.88705 | 13.92944 | 13.9343 | 13.98479 | 13.99793 |
|  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| k | Интервал | wk | pk | |wk - pk| | N... |
| 1 | [5.0, 6.0] | 0.125926 | 0.111111 | 0.014815 | 0.533333 |
| 2 | [6.0, 7.0] | 0.114815 | 0.111111 | 0.003704 | 0.033333 |
| 3 | [7.0, 8.0] | 0.111111 | 0.111111 | 0.0 | 0.0 |
| 4 | [8.0, 9.0] | 0.1 | 0.111111 | 0.011111 | 0.3 |
| 5 | [9.0, 10.0] | 0.096296 | 0.111111 | 0.014815 | 0.533333 |
| 6 | [10.0, 11.0] | 0.107407 | 0.111111 | 0.003704 | 0.033333 |
| 7 | [11.0, 12.0] | 0.107407 | 0.111111 | 0.003704 | 0.033333 |
| 8 | [12.0, 13.0] | 0.122222 | 0.111111 | 0.011111 | 0.3 |
| 9 | [13.0, 14.0] | 0.114815 | 0.111111 | 0.003704 | 0.033333 |

|  |  |  |
| --- | --- | --- |
| (5.0, 6.0) | 34 | 0.1259259259259259 |
| (6.0, 7.0) | 31 | 0.11481481481481481 |
| (7.0, 8.0) | 30 | 0.1111111111111111 |
| (8.0, 9.0) | 27 | 0.1 |
| (9.0, 10.0) | 26 | 0.0962962962962963 |
| (10.0, 11.0) | 29 | 0.10740740740740741 |
| (11.0, 12.0) | 29 | 0.10740740740740741 |
| (12.0, 13.0) | 33 | 0.12222222222222222 |
| (13.0, 14.0) | 31 | 0.11481481481481481 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7.25738 | 11.52185 | 5.09468 | 9.2615 | 10.88258 | 13.10261 | 6.90341 | 8.51396 | 12.12107 | 12.94295 |
| 6.02852 | 6.80315 | 10.78664 | 6.36467 | 8.57579 | 6.55817 | 7.35026 | 5.22446 | 11.59421 | 11.78861 |
| 12.73847 | 5.73917 | 6.13877 | 7.87955 | 11.48027 | 12.29792 | 8.96576 | 11.67647 | 6.59282 | 5.36279 |
| 11.98877 | 10.80248 | 7.19105 | 5.68877 | 11.27822 | 11.83316 | 10.4414 | 13.45253 | 9.75479 | 8.74553 |
| 5.64935 | 10.9877 | 13.57376 | 5.08739 | 9.92309 | 8.88674 | 10.44572 | 5.78399 | 9.34916 | 12.14771 |
| 11.20874 | 13.9343 | 5.50886 | 10.66109 | 9.07115 | 9.34502 | 5.93789 | 7.66058 | 11.23925 | 6.16235 |
| 9.21452 | 6.7694 | 12.24005 | 7.35512 | 13.27082 | 8.00582 | 13.12934 | 5.76176 | 5.37557 | 11.64731 |
| 10.42475 | 13.44326 | 9.7871 | 13.2287 | 6.64727 | 6.0305 | 7.62638 | 12.19217 | 8.41919 | 8.79026 |
| 7.14101 | 9.05783 | 10.47902 | 10.76414 | 12.80804 | 6.42335 | 13.70633 | 12.88229 | 12.85187 | 6.0242 |
| 8.98889 | 11.94467 | 9.89933 | 7.40543 | 5.54423 | 12.15437 | 9.40523 | 11.9633 | 13.11854 | 13.64144 |
| 5.24633 | 5.23679 | 10.03937 | 6.14003 | 6.01835 | 12.39971 | 11.43851 | 10.78151 | 7.86191 | 8.51945 |
| 12.37865 | 6.82376 | 10.62698 | 7.87082 | 5.81819 | 13.98479 | 9.58514 | 12.68294 | 6.18683 | 13.18604 |
| 8.08043 | 13.73315 | 12.08678 | 5.1071 | 5.15012 | 8.2751 | 5.2295 | 6.01484 | 5.63072 | 10.06502 |
| 13.7408 | 5.20421 | 12.56909 | 7.41821 | 10.22315 | 12.43013 | 7.7486 | 8.06774 | 6.25226 | 5.63261 |
| 11.94818 | 7.92941 | 10.51007 | 11.2163 | 6.30716 | 7.96532 | 13.86491 | 13.92944 | 11.53112 | 13.99793 |
| 12.90785 | 10.35239 | 12.90515 | 9.5081 | 8.93111 | 8.13119 | 10.29452 | 5.10341 | 9.86549 | 13.38683 |
| 9.88943 | 6.61514 | 11.90417 | 5.92583 | 12.59573 | 9.45689 | 9.21776 | 10.02002 | 10.90427 | 12.14276 |
| 9.78242 | 6.02456 | 11.19272 | 9.81788 | 10.9094 | 12.75467 | 11.23016 | 12.35093 | 5.90954 | 5.6381 |
| 12.53705 | 6.14435 | 5.22032 | 12.25679 | 7.94759 | 9.21515 | 11.31224 | 12.3629 | 8.45582 | 7.85048 |
| 6.04832 | 5.03996 | 10.07303 | 8.16854 | 7.23812 | 7.64339 | 5.25659 | 9.85874 | 6.60965 | 6.39689 |
| 11.38676 | 8.9888 | 12.94232 | 9.00365 | 6.44729 | 13.14815 | 5.14382 | 13.55954 | 13.63028 | 10.05872 |
| 8.2706 | 11.44247 | 12.18443 | 7.17449 | 10.24241 | 13.13528 | 7.6496 | 9.54869 | 7.62206 | 11.73182 |
| 7.46762 | 6.26486 | 12.13979 | 7.74518 | 5.78408 | 7.5749 | 13.86401 | 11.14511 | 8.60063 | 10.60106 |
| 6.04355 | 7.57616 | 8.54105 | 8.10338 | 6.03167 | 8.65931 | 12.86654 | 10.59287 | 11.18786 | 13.88705 |
| 5.0144 | 13.87022 | 10.11083 | 13.0433 | 8.15693 | 5.31266 | 7.02914 | 12.8921 | 9.04082 | 7.83518 |
| 11.54777 | 11.80013 | 7.04255 | 8.63366 | 9.5324 | 13.60103 | 8.79224 | 5.27423 | 12.57845 | 6.78254 |
| 11.35166 | 13.07336 | 13.05239 | 10.94054 | 9.2534 | 10.1768 | 8.97035 | 7.05866 | 12.75593 | 13.59401 |
|  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5.0144 | 5.03996 | 5.08739 | 5.09468 | 5.10341 | 5.1071 | 5.14382 | 5.15012 | 5.20421 | 5.22032 |
| 5.22446 | 5.2295 | 5.23679 | 5.24633 | 5.25659 | 5.27423 | 5.31266 | 5.36279 | 5.37557 | 5.50886 |
| 5.54423 | 5.63072 | 5.63261 | 5.6381 | 5.64935 | 5.68877 | 5.73917 | 5.76176 | 5.78399 | 5.78408 |
| 5.81819 | 5.90954 | 5.92583 | 5.93789 | 6.01484 | 6.01835 | 6.0242 | 6.02456 | 6.02852 | 6.0305 |
| 6.03167 | 6.04355 | 6.04832 | 6.13877 | 6.14003 | 6.14435 | 6.16235 | 6.18683 | 6.25226 | 6.26486 |
| 6.30716 | 6.36467 | 6.39689 | 6.42335 | 6.44729 | 6.55817 | 6.59282 | 6.60965 | 6.61514 | 6.64727 |
| 6.7694 | 6.78254 | 6.80315 | 6.82376 | 6.90341 | 7.02914 | 7.04255 | 7.05866 | 7.14101 | 7.17449 |
| 7.19105 | 7.23812 | 7.25738 | 7.35026 | 7.35512 | 7.40543 | 7.41821 | 7.46762 | 7.5749 | 7.57616 |
| 7.62206 | 7.62638 | 7.64339 | 7.6496 | 7.66058 | 7.74518 | 7.7486 | 7.83518 | 7.85048 | 7.86191 |
| 7.87082 | 7.87955 | 7.92941 | 7.94759 | 7.96532 | 8.00582 | 8.06774 | 8.08043 | 8.10338 | 8.13119 |
| 8.15693 | 8.16854 | 8.2706 | 8.2751 | 8.41919 | 8.45582 | 8.51396 | 8.51945 | 8.54105 | 8.57579 |
| 8.60063 | 8.63366 | 8.65931 | 8.74553 | 8.79026 | 8.79224 | 8.88674 | 8.93111 | 8.96576 | 8.97035 |
| 8.9888 | 8.98889 | 9.00365 | 9.04082 | 9.05783 | 9.07115 | 9.21452 | 9.21515 | 9.21776 | 9.2534 |
| 9.2615 | 9.34502 | 9.34916 | 9.40523 | 9.45689 | 9.5081 | 9.5324 | 9.54869 | 9.58514 | 9.75479 |
| 9.78242 | 9.7871 | 9.81788 | 9.85874 | 9.86549 | 9.88943 | 9.89933 | 9.92309 | 10.02002 | 10.03937 |
| 10.05872 | 10.06502 | 10.07303 | 10.11083 | 10.1768 | 10.22315 | 10.24241 | 10.29452 | 10.35239 | 10.42475 |
| 10.4414 | 10.44572 | 10.47902 | 10.51007 | 10.59287 | 10.60106 | 10.62698 | 10.66109 | 10.76414 | 10.78151 |
| 10.78664 | 10.80248 | 10.88258 | 10.90427 | 10.9094 | 10.94054 | 10.9877 | 11.14511 | 11.18786 | 11.19272 |
| 11.20874 | 11.2163 | 11.23016 | 11.23925 | 11.27822 | 11.31224 | 11.35166 | 11.38676 | 11.43851 | 11.44247 |
| 11.48027 | 11.52185 | 11.53112 | 11.54777 | 11.59421 | 11.64731 | 11.67647 | 11.73182 | 11.78861 | 11.80013 |
| 11.83316 | 11.90417 | 11.94467 | 11.94818 | 11.9633 | 11.98877 | 12.08678 | 12.12107 | 12.13979 | 12.14276 |
| 12.14771 | 12.15437 | 12.18443 | 12.19217 | 12.24005 | 12.25679 | 12.29792 | 12.35093 | 12.3629 | 12.37865 |
| 12.39971 | 12.43013 | 12.53705 | 12.56909 | 12.57845 | 12.59573 | 12.68294 | 12.73847 | 12.75467 | 12.75593 |
| 12.80804 | 12.85187 | 12.86654 | 12.88229 | 12.8921 | 12.90515 | 12.90785 | 12.94232 | 12.94295 | 13.0433 |
| 13.05239 | 13.07336 | 13.10261 | 13.11854 | 13.12934 | 13.13528 | 13.14815 | 13.18604 | 13.2287 | 13.27082 |
| 13.38683 | 13.44326 | 13.45253 | 13.55954 | 13.57376 | 13.59401 | 13.60103 | 13.63028 | 13.64144 | 13.70633 |
| 13.73315 | 13.7408 | 13.86401 | 13.86491 | 13.87022 | 13.88705 | 13.92944 | 13.9343 | 13.98479 | 13.99793 |
|  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| k | Интервал | wk | pk | |wk - pk| | N... |
| 1 | [5.0, 6.0] | 0.125926 | 0.111111 | 0.014815 | 0.533333 |
| 2 | [6.0, 7.0] | 0.114815 | 0.111111 | 0.003704 | 0.033333 |
| 3 | [7.0, 8.0] | 0.111111 | 0.111111 | 0.0 | 0.0 |
| 4 | [8.0, 9.0] | 0.1 | 0.111111 | 0.011111 | 0.3 |
| 5 | [9.0, 10.0] | 0.096296 | 0.111111 | 0.014815 | 0.533333 |
| 6 | [10.0, 11.0] | 0.107407 | 0.111111 | 0.003704 | 0.033333 |
| 7 | [11.0, 12.0] | 0.107407 | 0.111111 | 0.003704 | 0.033333 |
| 8 | [12.0, 13.0] | 0.122222 | 0.111111 | 0.011111 | 0.3 |
| 9 | [13.0, 14.0] | 0.114815 | 0.111111 | 0.003704 | 0.033333 |

|  |  |  |
| --- | --- | --- |
| (5.0, 6.0) | 34 | 0.1259259259259259 |
| (6.0, 7.0) | 31 | 0.11481481481481481 |
| (7.0, 8.0) | 30 | 0.1111111111111111 |
| (8.0, 9.0) | 27 | 0.1 |
| (9.0, 10.0) | 26 | 0.0962962962962963 |
| (10.0, 11.0) | 29 | 0.10740740740740741 |
| (11.0, 12.0) | 29 | 0.10740740740740741 |
| (12.0, 13.0) | 33 | 0.12222222222222222 |
| (13.0, 14.0) | 31 | 0.11481481481481481 |