## u velocities
| Unnamed: 0 | Unnamed: 1 | Time (ms) and u Velocity Component (m/s) | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 | Unnamed: 9 | Unnamed: 10 | Unnamed: 11 | Unnamed: 12 | Unnamed: 13 | Unnamed: 14 | Unnamed: 15 | Unnamed: 16 | Unnamed: 17 | Unnamed: 18 | Unnamed: 19 | Unnamed: 20 | Unnamed: 21 | Unnamed: 22 | Unnamed: 23 | Unnamed: 24 | Unnamed: 25 | Unnamed: 26 | Unnamed: 27 | Unnamed: 28 | Unnamed: 29 | Unnamed: 30 | Unnamed: 31 | Unnamed: 32 | Unnamed: 33 | Unnamed: 34 | Unnamed: 35 | Unnamed: 36 | Unnamed: 37 | Unnamed: 38 | Unnamed: 39 | Unnamed: 40 | Unnamed: 41 | Unnamed: 42 | Unnamed: 43 | Unnamed: 44 | Unnamed: 45 | Unnamed: 46 | Unnamed: 47 | Unnamed: 48 | Unnamed: 49 | Unnamed: 50 | Unnamed: 51 | Unnamed: 52 | Unnamed: 53 | Unnamed: 54 | Unnamed: 55 | Unnamed: 56 | Unnamed: 57 | Unnamed: 58 | Unnamed: 59 | Unnamed: 60 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| x coord (m) | y coord (m) | 16.666667 | 33.333333 | 50.000000 | 66.666667 | 83.333333 | 100.000000 | 116.666667 | 1.333333e+02 | 1.500000e+02 | 166.666667 | 183.333333 | 200.000000 | 216.666667 | 2.333333e+02 | 2.500000e+02 | 266.666667 | 283.333333 | 300.000000 | 316.666667 | 333.333333 | 350.000000 | 366.666667 | 383.333333 | 400.000000 | 416.666667 | 433.333333 | 450.000000 | 466.666667 | 483.333333 | 500.000000 | 516.666667 | 533.333333 | 550.000000 | 566.666667 | 583.333333 | 600.000000 | 616.666667 | 633.333333 | 650.000000 | 666.666667 | 683.333333 | 700.000000 | 716.666667 | 733.333333 | 750.000000 | 766.666667 | 783.333333 | 800.000000 | 816.666667 | 833.333333 | 850.000000 | 866.666667 | 883.333333 | 900.000000 | 916.666667 | 933.333333 | 950.000000 | 966.666667 | 983.333333 |
| 0.17031 | 0.038257 | -0.053698 | 0.007595 | -0.018900 | -0.031124 | -0.031124 | -0.009662 | -0.009662 | -2.083411e-02 | -2.083411e-02 | -0.042386 | -0.042386 | 0.000657 | 0.000657 | -6.253131e-02 | -6.253131e-02 | -0.064982 | -0.064982 | -0.011275 | -0.011275 | 0.000551 | 0.000551 | 0.000551 | 0.000551 | 0.000551 | 0.000551 | 0.000551 | 0.000551 | 0.000551 | 0.000551 | 0.000551 | 0.000551 | -0.054881 | 0.056641 | 0.007096 | -0.047939 | 0.012944 | -0.009008 | -0.061102 | -0.063098 | -0.037378 | -0.013432 | -0.003931 | -0.009003 | 0.009604 | -0.041636 | -0.018248 | -0.018921 | -0.009926 | -0.072913 | -0.019238 | -0.027192 | -0.003119 | -0.038212 | -0.049348 | -0.054233 | 0.000086 | 0.050823 | -0.005089 | 0.009855 |
| 0.164065 | 0.038243 | -0.002570 | -0.061372 | -0.029814 | -0.069144 | -0.069144 | -0.026698 | -0.026698 | 1.538477e-02 | 1.538477e-02 | 0.001081 | 0.001081 | 0.000863 | 0.000863 | -4.459876e-02 | -4.459876e-02 | -0.038487 | -0.038487 | 0.001078 | 0.001078 | -0.000380 | -0.000380 | -0.000380 | -0.000380 | -0.000380 | -0.000380 | -0.000380 | -0.000380 | -0.000380 | -0.000380 | -0.000380 | -0.000380 | -0.003426 | 0.041508 | 0.049835 | 0.059758 | 0.002405 | -0.060834 | -0.002945 | -0.038553 | -0.000974 | 0.000618 | -0.001301 | 0.010336 | -0.021153 | -0.001257 | -0.004832 | -0.015709 | -0.063585 | -0.068644 | 0.001635 | 0.007443 | -0.001623 | -0.017290 | 0.011042 | -0.071549 | 0.021840 | -0.020482 | 0.002174 | -0.005521 |
| 0.157821 | 0.038228 | -0.076648 | 0.043199 | -0.044518 | -0.040803 | -0.040803 | -0.007434 | -0.007434 | -2.723306e-02 | -2.723306e-02 | -0.013415 | -0.013415 | -0.046478 | -0.046478 | -4.360000e-02 | -4.360000e-02 | -0.010052 | -0.010052 | -0.009306 | -0.009306 | -0.001666 | -0.001666 | -0.001666 | -0.001666 | -0.001666 | -0.001666 | -0.001666 | -0.001666 | -0.001666 | -0.001666 | -0.001666 | -0.001666 | -0.024795 | 0.047104 | -0.001692 | 0.002176 | -0.001105 | 0.002920 | 0.012378 | -0.025372 | -0.001551 | 0.001935 | 0.001058 | -0.067921 | -0.025657 | -0.064621 | 0.001665 | -0.013180 | -0.046072 | -0.000416 | 0.000851 | -0.001151 | -0.017652 | -0.011590 | -0.021113 | -0.008009 | 0.001986 | -0.005878 | 0.000447 | 0.001770 |
| 0.151576 | 0.038214 | -0.000693 | -0.000598 | 0.001149 | 0.038682 | 0.038682 | -0.002047 | -0.002047 | -1.972818e-02 | -1.972818e-02 | -0.030667 | -0.030667 | -0.001181 | -0.001181 | -2.067681e-03 | -2.067681e-03 | -0.020438 | -0.020438 | -0.000778 | -0.000778 | -0.004604 | -0.004604 | -0.004604 | -0.004604 | -0.004604 | -0.004604 | -0.004604 | -0.004604 | -0.004604 | -0.004604 | -0.004604 | -0.004604 | -0.004439 | -0.004396 | -0.000745 | -0.006564 | -0.068172 | -0.001887 | 0.036987 | -0.015272 | -0.037022 | -0.032561 | -0.007887 | -0.046368 | -0.000352 | -0.000130 | 0.001090 | 0.000804 | -0.034352 | -0.059494 | 0.004712 | 0.001828 | -0.028566 | -0.069938 | -0.018658 | -0.033489 | 0.017317 | -0.002522 | 0.011051 | -0.009923 |
| 0.145331 | 0.0382 | -0.000280 | -0.004421 | -0.003485 | -0.002757 | -0.002757 | -0.004744 | -0.004744 | -2.457667e-02 | -2.457667e-02 | 0.007149 | 0.007149 | -0.005242 | -0.005242 | -2.196965e-03 | -2.196965e-03 | -0.004941 | -0.004941 | -0.004404 | -0.004404 | -0.007715 | -0.007715 | -0.007715 | -0.007715 | -0.007715 | -0.007715 | -0.007715 | -0.007715 | -0.007715 | -0.007715 | -0.007715 | -0.007715 | 0.019142 | -0.006904 | 0.002156 | -0.008148 | -0.008753 | -0.077231 | -0.008793 | -0.008658 | -0.020091 | -0.061989 | -0.009100 | -0.029130 | -0.004988 | 0.030327 | 0.056111 | -0.020144 | -0.020048 | 0.011002 | 0.009987 | -0.009660 | -0.039652 | 0.033665 | 0.023700 | 0.009916 | 0.037614 | 0.009158 | 0.048263 | -0.018153 |
| 0.139087 | 0.038185 | -0.033769 | -0.051399 | -0.062034 | -0.003273 | -0.003273 | -0.006576 | -0.006576 | -5.132758e-03 | -5.132758e-03 | -0.068556 | -0.068556 | -0.033659 | -0.033659 | -8.539952e-03 | -8.539952e-03 | 0.000520 | 0.000520 | -0.009621 | -0.009621 | -0.003992 | -0.003992 | -0.003992 | -0.003992 | -0.003992 | -0.003992 | -0.003992 | -0.003992 | -0.003992 | -0.003992 | -0.003992 | -0.003992 | 0.002429 | 0.006023 | -0.014493 | -0.016267 | -0.014526 | -0.015106 | -0.013875 | -0.000119 | 0.005913 | 0.007852 | 0.004372 | 0.010459 | 0.013043 | 0.013556 | 0.019673 | 0.025835 | -0.059112 | 0.007024 | -0.013708 | -0.054340 | 0.003926 | 0.022717 | -0.013886 | 0.015634 | 0.013491 | 0.021653 | 0.028488 | 0.020755 |
| 0.132842 | 0.038171 | 0.014427 | -0.026559 | 0.040015 | -0.004334 | -0.004334 | -0.053533 | -0.053533 | -1.373931e-02 | -1.373931e-02 | -0.042808 | -0.042808 | 0.020249 | 0.020249 | -3.320025e-02 | -3.320025e-02 | 0.009393 | 0.009393 | -0.031840 | -0.031840 | 0.007048 | 0.007048 | 0.007048 | 0.007048 | 0.007048 | 0.007048 | 0.007048 | 0.007048 | 0.007048 | 0.007048 | 0.007048 | 0.007048 | -0.005676 | 0.001776 | -0.003280 | 0.000964 | -0.005755 | -0.036312 | 0.006900 | -0.038491 | -0.018240 | -0.033945 | -0.006486 | 0.009160 | 0.010259 | -0.049300 | 0.001126 | 0.011779 | -0.000657 | 0.010091 | -0.050632 | 0.009069 | 0.019330 | 0.035928 | 0.010448 | 0.013743 | 0.009107 | 0.002848 | 0.007306 | 0.011685 |
| 0.126597 | 0.038157 | -0.067623 | -0.015315 | -0.003974 | 0.001261 | 0.001261 | 0.035083 | 0.035083 | -2.640710e-02 | -2.640710e-02 | -0.027351 | -0.027351 | 0.062936 | 0.062936 | -2.738080e-02 | -2.738080e-02 | -0.031095 | -0.031095 | -0.001482 | -0.001482 | 0.024110 | 0.024110 | 0.024110 | 0.024110 | 0.024110 | 0.024110 | 0.024110 | 0.024110 | 0.024110 | 0.024110 | 0.024110 | 0.024110 | 0.006594 | -0.035997 | 0.061135 | 0.035308 | 0.065982 | -0.000312 | 0.041720 | -0.043001 | 0.062946 | 0.012713 | 0.012523 | 0.002115 | 0.000456 | 0.016293 | 0.010136 | 0.035149 | 0.002606 | 0.011770 | 0.010123 | 0.005638 | -0.049972 | 0.034600 | 0.013611 | -0.067855 | -0.040490 | 0.051717 | -0.059492 | 0.010967 |
| 0.120352 | 0.038142 | 0.000637 | -0.012880 | -0.013051 | -0.003117 | -0.003117 | -0.010068 | -0.010068 | -4.277564e-02 | -4.277564e-02 | -0.002367 | -0.002367 | -0.018504 | -0.018504 | 5.782333e-03 | 5.782333e-03 | 0.001766 | 0.001766 | -0.002523 | -0.002523 | 0.041634 | 0.041634 | 0.041634 | 0.041634 | 0.041634 | 0.041634 | 0.041634 | 0.041634 | 0.041634 | 0.041634 | 0.041634 | 0.041634 | 0.031593 | -0.006236 | 0.027290 | 0.016791 | 0.015090 | -0.010714 | -0.043540 | 0.007445 | 0.005047 | -0.015137 | 0.016897 | -0.008842 | 0.002193 | 0.002340 | 0.006663 | 0.011260 | 0.040064 | 0.004217 | -0.025191 | 0.033845 | -0.008003 | 0.030140 | 0.005074 | -0.034241 | -0.000443 | 0.006402 | -0.022771 | 0.043885 |
| 0.114108 | 0.038128 | 0.029686 | 0.066245 | 0.029984 | 0.081311 | 0.081311 | 0.030224 | 0.030224 | -2.154460e-02 | -2.154460e-02 | 0.023420 | 0.023420 | 0.028587 | 0.028587 | 1.675362e-02 | 1.675362e-02 | 0.080263 | 0.080263 | 0.002098 | 0.002098 | 0.009393 | 0.009393 | 0.009393 | 0.009393 | 0.009393 | 0.009393 | 0.009393 | 0.009393 | 0.009393 | 0.009393 | 0.009393 | 0.009393 | -0.022682 | 0.043909 | 0.009034 | -0.020249 | 0.009691 | -0.044937 | 0.046286 | -0.011156 | 0.061546 | 0.042247 | -0.007743 | 0.003482 | -0.007930 | -0.004366 | -0.000157 | 0.007412 | -0.040645 | -0.012664 | 0.021114 | -0.001615 | 0.016916 | -0.013505 | -0.006959 | 0.026154 | 0.005156 | -0.016017 | -0.000117 | 0.063389 |
| 0.107863 | 0.038114 | 0.026799 | 0.025585 | 0.030122 | 0.028104 | 0.028104 | 0.029137 | 0.029137 | 3.668952e-02 | 3.668952e-02 | 0.028279 | 0.028279 | 0.001853 | 0.001853 | 2.566089e-02 | 2.566089e-02 | 0.046180 | 0.046180 | 0.011503 | 0.011503 | 0.027138 | 0.027138 | 0.027138 | 0.027138 | 0.027138 | 0.027138 | 0.027138 | 0.027138 | 0.027138 | 0.027138 | 0.027138 | 0.027138 | 0.029279 | 0.019787 | 0.004755 | -0.031121 | 0.023122 | 0.015702 | 0.031422 | 0.049158 | 0.014901 | -0.026310 | 0.012061 | 0.016127 | -0.025798 | -0.010439 | 0.091778 | 0.025035 | 0.023448 | 0.016358 | -0.002075 | 0.015470 | 0.012577 | 0.017684 | -0.056372 | 0.033658 | 0.019664 | 0.014422 | 0.044500 | 0.026962 |
| 0.101618 | 0.038099 | 0.048439 | 0.028357 | 0.019378 | 0.005701 | 0.005701 | 0.010321 | 0.010321 | 1.799698e-02 | 1.799698e-02 | 0.030182 | 0.030182 | 0.009192 | 0.009192 | 2.441383e-02 | 2.441383e-02 | 0.020314 | 0.020314 | 0.047436 | 0.047436 | 0.018322 | 0.018322 | 0.018322 | 0.018322 | 0.018322 | 0.018322 | 0.018322 | 0.018322 | 0.018322 | 0.018322 | 0.018322 | 0.018322 | 0.025181 | 0.018306 | 0.017617 | 0.018751 | 0.031711 | -0.011877 | 0.017695 | 0.015333 | 0.017110 | 0.015087 | 0.015385 | 0.015852 | 0.013794 | -0.030221 | 0.025844 | 0.066597 | 0.031930 | 0.019306 | 0.016867 | 0.040703 | 0.020473 | 0.023127 | 0.017622 | 0.021690 | 0.011023 | 0.064005 | 0.021830 | 0.088981 |
| 0.095374 | 0.038085 | 0.016020 | 0.016197 | 0.022225 | -0.006376 | -0.006376 | 0.026663 | 0.026663 | 2.006756e-02 | 2.006756e-02 | 0.022060 | 0.022060 | 0.017506 | 0.017506 | 1.901553e-02 | 1.901553e-02 | 0.054332 | 0.054332 | 0.017676 | 0.017676 | 0.017166 | 0.017166 | 0.017166 | 0.017166 | 0.017166 | 0.017166 | 0.017166 | 0.017166 | 0.017166 | 0.017166 | 0.017166 | 0.017166 | 0.015588 | 0.015948 | 0.018092 | 0.016169 | 0.013026 | 0.010692 | -0.023846 | -0.001736 | 0.017507 | 0.016898 | 0.018103 | 0.017977 | 0.015078 | 0.016491 | 0.019224 | 0.020594 | 0.020460 | 0.020434 | 0.020535 | 0.026700 | 0.020407 | 0.025981 | 0.017840 | 0.019891 | 0.021665 | 0.032534 | 0.065169 | 0.020631 |
| 0.089129 | 0.038071 | 0.013805 | -0.017576 | 0.015709 | 0.014716 | 0.014716 | 0.026450 | 0.026450 | 1.967801e-02 | 1.967801e-02 | -0.053165 | -0.053165 | 0.017810 | 0.017810 | 1.539515e-02 | 1.539515e-02 | 0.017837 | 0.017837 | 0.017600 | 0.017600 | 0.012413 | 0.012413 | 0.012413 | 0.012413 | 0.012413 | 0.012413 | 0.012413 | 0.012413 | 0.012413 | 0.012413 | 0.012413 | 0.012413 | 0.017715 | 0.014978 | 0.013236 | 0.014971 | 0.015275 | 0.000710 | 0.015608 | 0.009625 | -0.014707 | -0.050009 | -0.047753 | 0.098221 | 0.014366 | -0.044964 | 0.017198 | -0.052385 | -0.039572 | 0.028236 | -0.020156 | 0.016697 | 0.023665 | 0.016840 | 0.008385 | 0.015586 | 0.016779 | 0.018740 | 0.014459 | 0.021162 |
| 0.082884 | 0.038056 | 0.014946 | 0.012559 | 0.016472 | 0.015774 | 0.015774 | 0.013613 | 0.013613 | 1.164969e-02 | 1.164969e-02 | 0.016428 | 0.016428 | 0.015224 | 0.015224 | 1.611600e-02 | 1.611600e-02 | 0.066017 | 0.066017 | 0.016315 | 0.016315 | 0.011703 | 0.011703 | 0.011703 | 0.011703 | 0.011703 | 0.011703 | 0.011703 | 0.011703 | 0.011703 | 0.011703 | 0.011703 | 0.011703 | 0.014431 | 0.012708 | 0.013397 | 0.014727 | 0.014364 | 0.014111 | 0.008694 | 0.018497 | 0.011902 | 0.063376 | -0.018307 | 0.010323 | 0.014275 | 0.015318 | 0.016686 | 0.013733 | 0.017902 | 0.012964 | 0.017366 | 0.013915 | 0.013612 | 0.019859 | 0.009769 | -0.004955 | 0.014977 | 0.016273 | 0.008127 | 0.020053 |
| 0.076639 | 0.038042 | 0.014432 | -0.013477 | -0.016165 | -0.019702 | -0.019702 | 0.025129 | 0.025129 | 1.123811e-02 | 1.123811e-02 | 0.010986 | 0.010986 | 0.013643 | 0.013643 | 1.460651e-02 | 1.460651e-02 | 0.009289 | 0.009289 | 0.017812 | 0.017812 | 0.057491 | 0.057491 | 0.057491 | 0.057491 | 0.057491 | 0.057491 | 0.057491 | 0.057491 | 0.057491 | 0.057491 | 0.057491 | 0.057491 | 0.006722 | 0.010448 | 0.012203 | 0.016942 | 0.013727 | 0.011957 | 0.012514 | 0.012984 | 0.012890 | 0.012058 | 0.014869 | 0.011862 | 0.015088 | 0.013594 | -0.006013 | 0.013836 | 0.016299 | 0.010895 | 0.013100 | 0.015064 | 0.012904 | 0.013780 | 0.016327 | 0.013912 | 0.014741 | -0.007299 | 0.012008 | 0.015096 |
| 0.070483 | 0.038117 | 0.013804 | -0.004715 | -0.014791 | 0.033441 | 0.033441 | 0.031651 | 0.031651 | 2.238238e-02 | 2.238238e-02 | 0.011184 | 0.011184 | 0.012122 | 0.012122 | 1.117052e-02 | 1.117052e-02 | 0.010275 | 0.010275 | 0.030650 | 0.030650 | 0.013985 | 0.013985 | 0.013985 | 0.013985 | 0.013985 | 0.013985 | 0.013985 | 0.013985 | 0.013985 | 0.013985 | 0.013985 | 0.013985 | 0.011714 | 0.011024 | 0.009169 | 0.010967 | 0.012848 | 0.013058 | 0.014397 | 0.011425 | 0.014277 | 0.011416 | 0.012446 | 0.010683 | 0.013175 | 0.011027 | 0.016069 | 0.012502 | 0.013042 | 0.008775 | 0.017100 | 0.044424 | 0.042752 | 0.031536 | 0.039051 | 0.011249 | 0.013859 | 0.011621 | 0.014593 | 0.012892 |
| 0.070499 | 0.044361 | 0.010659 | 0.011035 | 0.011263 | 0.010444 | 0.010444 | 0.012449 | 0.012449 | 8.617666e-03 | 8.617666e-03 | 0.011365 | 0.011365 | 0.010657 | 0.010657 | 8.164094e-03 | 8.164094e-03 | 0.011227 | 0.011227 | 0.014521 | 0.014521 | 0.014997 | 0.014997 | 0.014997 | 0.014997 | 0.014997 | 0.014997 | 0.014997 | 0.014997 | 0.014997 | 0.014997 | 0.014997 | 0.014997 | 0.012686 | 0.011482 | 0.012018 | 0.011824 | 0.009928 | 0.011308 | 0.010235 | 0.010612 | 0.012584 | 0.010277 | 0.011351 | 0.011246 | 0.011964 | 0.011400 | 0.011832 | 0.012611 | 0.012159 | 0.010868 | 0.011084 | 0.007838 | 0.008407 | 0.009421 | 0.012401 | 0.027390 | 0.012770 | 0.012412 | 0.011422 | 0.021485 |
| 0.070515 | 0.050606 | 0.007594 | 0.009947 | 0.008814 | 0.009101 | 0.009101 | 0.011192 | 0.011192 | 1.035176e-02 | 1.035176e-02 | 0.010410 | 0.010410 | 0.009148 | 0.009148 | 7.024777e-03 | 7.024777e-03 | 0.011228 | 0.011228 | 0.013389 | 0.013389 | 0.008818 | 0.008818 | 0.008818 | 0.008818 | 0.008818 | 0.008818 | 0.008818 | 0.008818 | 0.008818 | 0.008818 | 0.008818 | 0.008818 | 0.011017 | 0.009577 | 0.003383 | 0.007140 | 0.002397 | 0.010262 | 0.013002 | 0.010425 | 0.008932 | 0.008841 | 0.009470 | 0.010381 | 0.010448 | 0.011466 | 0.009476 | 0.011406 | 0.012749 | 0.011311 | 0.008943 | 0.012088 | 0.010034 | 0.009958 | 0.010838 | 0.010980 | 0.011880 | 0.012284 | 0.011929 | 0.008271 |
| 0.07053 | 0.056851 | 0.008472 | 0.009880 | 0.009012 | 0.008001 | 0.008001 | 0.009153 | 0.009153 | 8.399508e-03 | 8.399508e-03 | 0.009836 | 0.009836 | 0.009666 | 0.009666 | 8.939406e-03 | 8.939406e-03 | 0.008760 | 0.008760 | 0.008087 | 0.008087 | 0.008879 | 0.008879 | 0.008879 | 0.008879 | 0.008879 | 0.008879 | 0.008879 | 0.008879 | 0.008879 | 0.008879 | 0.008879 | 0.008879 | 0.011172 | 0.008559 | 0.010103 | 0.008938 | 0.009113 | 0.009158 | 0.010121 | 0.008241 | 0.010533 | 0.008963 | 0.012900 | 0.010520 | 0.008853 | 0.008841 | 0.008192 | 0.009536 | 0.009998 | 0.008467 | 0.009079 | 0.008692 | 0.009579 | 0.010391 | 0.011591 | 0.009154 | 0.010382 | 0.011000 | 0.009653 | 0.010208 |
| 0.070546 | 0.063095 | 0.008649 | 0.007974 | 0.006942 | 0.010566 | 0.010566 | 0.008965 | 0.008965 | 8.603974e-03 | 8.603974e-03 | 0.007605 | 0.007605 | 0.009898 | 0.009898 | 1.017433e-02 | 1.017433e-02 | 0.006648 | 0.006648 | 0.008161 | 0.008161 | 0.009582 | 0.009582 | 0.009582 | 0.009582 | 0.009582 | 0.009582 | 0.009582 | 0.009582 | 0.009582 | 0.009582 | 0.009582 | 0.009582 | 0.010089 | 0.010363 | 0.005678 | 0.006814 | 0.008295 | 0.008862 | 0.008478 | 0.009567 | 0.009233 | 0.009094 | 0.009105 | 0.006379 | 0.009994 | 0.004863 | 0.007759 | 0.005008 | 0.006973 | 0.009093 | 0.009097 | 0.006643 | 0.007499 | 0.008692 | 0.005562 | 0.007431 | 0.010150 | 0.008976 | 0.008237 | 0.011771 |
| 0.070561 | 0.06934 | 0.006349 | 0.005848 | 0.007901 | 0.005362 | 0.005362 | 0.006853 | 0.006853 | 7.573492e-03 | 7.573492e-03 | 0.006777 | 0.006777 | 0.006131 | 0.006131 | 8.352352e-03 | 8.352352e-03 | 0.006560 | 0.006560 | 0.006510 | 0.006510 | 0.007712 | 0.007712 | 0.007712 | 0.007712 | 0.007712 | 0.007712 | 0.007712 | 0.007712 | 0.007712 | 0.007712 | 0.007712 | 0.007712 | 0.008315 | 0.010359 | 0.007690 | 0.008643 | 0.008832 | 0.008182 | 0.008367 | 0.008782 | 0.010447 | 0.008234 | 0.007965 | 0.006929 | 0.008750 | 0.009479 | 0.007840 | 0.007445 | 0.006621 | 0.009327 | 0.008959 | 0.007986 | 0.007481 | 0.007480 | 0.005905 | 0.009030 | 0.008491 | 0.008106 | 0.009007 | 0.009012 |
| 0.070577 | 0.075585 | 0.004703 | 0.006252 | 0.005214 | 0.004759 | 0.004759 | 0.005420 | 0.005420 | 5.510156e-03 | 5.510156e-03 | 0.007825 | 0.007825 | 0.006218 | 0.006218 | 6.543403e-03 | 6.543403e-03 | 0.005418 | 0.005418 | 0.005424 | 0.005424 | 0.007034 | 0.007034 | 0.007034 | 0.007034 | 0.007034 | 0.007034 | 0.007034 | 0.007034 | 0.007034 | 0.007034 | 0.007034 | 0.007034 | 0.006081 | 0.007506 | 0.006900 | 0.007680 | 0.006360 | 0.006947 | 0.007436 | 0.005756 | 0.007460 | 0.007288 | 0.008465 | 0.008917 | 0.007679 | 0.007726 | 0.009041 | 0.008043 | 0.007103 | 0.010269 | 0.008804 | 0.005550 | 0.007513 | 0.007274 | 0.008486 | 0.007128 | 0.006621 | 0.007339 | 0.005789 | 0.007249 |
| 0.070592 | 0.08183 | 0.003985 | 0.006167 | 0.003705 | 0.004854 | 0.004854 | 0.004174 | 0.004174 | 5.646208e-03 | 5.646208e-03 | 0.003661 | 0.003661 | 0.005498 | 0.005498 | 5.100686e-03 | 5.100686e-03 | 0.005228 | 0.005228 | 0.004617 | 0.004617 | 0.006023 | 0.006023 | 0.006023 | 0.006023 | 0.006023 | 0.006023 | 0.006023 | 0.006023 | 0.006023 | 0.006023 | 0.006023 | 0.006023 | 0.005916 | 0.004003 | 0.005255 | 0.005195 | 0.005265 | 0.004989 | 0.005937 | 0.004432 | 0.006091 | 0.004896 | 0.006253 | 0.005205 | 0.006279 | 0.006427 | 0.008540 | 0.005319 | 0.005913 | 0.007460 | 0.006351 | 0.005923 | 0.006427 | 0.003724 | 0.004109 | 0.009157 | 0.006728 | 0.006003 | 0.004527 | 0.005616 |
| 0.070608 | 0.088074 | 0.002339 | 0.000930 | 0.002680 | 0.003281 | 0.003281 | 0.004980 | 0.004980 | 4.617828e-03 | 4.617828e-03 | 0.004374 | 0.004374 | 0.004126 | 0.004126 | 3.571519e-03 | 3.571519e-03 | 0.004244 | 0.004244 | 0.004395 | 0.004395 | 0.003792 | 0.003792 | 0.003792 | 0.003792 | 0.003792 | 0.003792 | 0.003792 | 0.003792 | 0.003792 | 0.003792 | 0.003792 | 0.003792 | 0.004954 | 0.004626 | 0.003476 | 0.005901 | 0.003906 | 0.005467 | 0.004481 | 0.005006 | 0.005072 | 0.003942 | 0.005132 | 0.004914 | 0.004722 | 0.006653 | 0.003473 | 0.006108 | 0.005879 | 0.004376 | 0.006971 | 0.006007 | 0.004617 | 0.006020 | 0.007533 | 0.005611 | 0.007034 | 0.005757 | 0.004476 | 0.002415 |
| 0.070624 | 0.094319 | 0.003268 | 0.002733 | 0.003160 | 0.005012 | 0.005012 | 0.004326 | 0.004326 | 4.427922e-03 | 4.427922e-03 | 0.003699 | 0.003699 | 0.003557 | 0.003557 | 4.554921e-03 | 4.554921e-03 | 0.003787 | 0.003787 | 0.004828 | 0.004828 | 0.003229 | 0.003229 | 0.003229 | 0.003229 | 0.003229 | 0.003229 | 0.003229 | 0.003229 | 0.003229 | 0.003229 | 0.003229 | 0.003229 | 0.003246 | 0.003127 | 0.005308 | 0.005343 | 0.004106 | 0.004615 | 0.003160 | 0.005044 | 0.004171 | 0.003507 | 0.005859 | 0.004544 | 0.004101 | 0.004517 | 0.005306 | 0.005828 | 0.003958 | 0.005416 | 0.003707 | 0.003657 | 0.004702 | 0.004989 | 0.002328 | 0.005163 | 0.007405 | 0.004979 | 0.006094 | 0.005573 |
| 0.070639 | 0.100564 | 0.003208 | 0.003515 | 0.001603 | 0.001493 | 0.001493 | 0.002722 | 0.002722 | 4.195811e-03 | 4.195811e-03 | 0.004209 | 0.004209 | 0.002232 | 0.002232 | 3.264479e-03 | 3.264479e-03 | 0.004983 | 0.004983 | 0.003650 | 0.003650 | 0.004736 | 0.004736 | 0.004736 | 0.004736 | 0.004736 | 0.004736 | 0.004736 | 0.004736 | 0.004736 | 0.004736 | 0.004736 | 0.004736 | 0.002854 | 0.003377 | 0.003878 | 0.003923 | 0.003933 | 0.005013 | 0.003724 | 0.004583 | 0.003220 | 0.004496 | 0.002888 | 0.003222 | 0.003546 | 0.004183 | 0.002737 | 0.004445 | 0.003614 | 0.003117 | 0.004395 | 0.004717 | 0.003125 | 0.003756 | 0.004118 | 0.005718 | 0.004766 | 0.004390 | 0.006569 | 0.006603 |
| 0.070655 | 0.106808 | 0.003320 | 0.000907 | 0.003160 | 0.002972 | 0.002972 | 0.002155 | 0.002155 | 3.857337e-03 | 3.857337e-03 | 0.001441 | 0.001441 | 0.001240 | 0.001240 | 2.576976e-03 | 2.576976e-03 | 0.001859 | 0.001859 | 0.003961 | 0.003961 | 0.003008 | 0.003008 | 0.003008 | 0.003008 | 0.003008 | 0.003008 | 0.003008 | 0.003008 | 0.003008 | 0.003008 | 0.003008 | 0.003008 | 0.002954 | 0.003088 | 0.004311 | 0.002652 | 0.005017 | 0.003534 | 0.002632 | 0.001664 | 0.002016 | 0.004566 | 0.004935 | 0.002754 | 0.004936 | 0.003810 | 0.000971 | 0.003672 | 0.002049 | 0.003763 | 0.004241 | 0.004209 | 0.001352 | 0.003489 | 0.004227 | 0.002484 | 0.001864 | 0.002690 | 0.004072 | 0.002592 |
| 0.07067 | 0.113053 | 0.004042 | 0.004325 | 0.001702 | 0.003012 | 0.003012 | 0.002515 | 0.002515 | 2.352393e-03 | 2.352393e-03 | 0.001732 | 0.001732 | 0.001974 | 0.001974 | -1.589130e-03 | -1.589130e-03 | 0.001449 | 0.001449 | 0.004307 | 0.004307 | 0.002472 | 0.002472 | 0.002472 | 0.002472 | 0.002472 | 0.002472 | 0.002472 | 0.002472 | 0.002472 | 0.002472 | 0.002472 | 0.002472 | 0.002218 | 0.004044 | 0.000213 | 0.003827 | 0.002439 | 0.002010 | 0.002786 | 0.002818 | 0.003111 | 0.002595 | 0.002331 | 0.003224 | 0.001463 | 0.003780 | 0.002289 | 0.001826 | 0.002111 | 0.003133 | 0.002980 | 0.001502 | 0.002462 | 0.002842 | 0.002752 | 0.002343 | 0.002273 | 0.002105 | 0.002710 | 0.003316 |
| 0.070686 | 0.119298 | 0.002538 | 0.003045 | 0.006240 | 0.002589 | 0.002589 | 0.002877 | 0.002877 | 3.057792e-03 | 3.057792e-03 | 0.001665 | 0.001665 | 0.001681 | 0.001681 | 2.147891e-03 | 2.147891e-03 | -0.001757 | -0.001757 | 0.000549 | 0.000549 | 0.000891 | 0.000891 | 0.000891 | 0.000891 | 0.000891 | 0.000891 | 0.000891 | 0.000891 | 0.000891 | 0.000891 | 0.000891 | 0.000891 | 0.003267 | 0.001958 | 0.001058 | 0.002148 | 0.002574 | 0.000953 | 0.000945 | 0.002308 | 0.002675 | -0.000791 | 0.001754 | 0.001847 | 0.002796 | 0.002595 | 0.000326 | 0.002882 | 0.000182 | 0.002538 | 0.002009 | 0.001478 | 0.001803 | 0.003951 | 0.001896 | 0.000914 | 0.001873 | 0.003928 | 0.002111 | 0.001533 |
| 0.070701 | 0.125543 | 0.001866 | 0.005230 | 0.004957 | 0.002450 | 0.002450 | 0.001873 | 0.001873 | 9.169812e-03 | 9.169812e-03 | 0.002482 | 0.002482 | 0.002247 | 0.002247 | 9.981070e-04 | 9.981070e-04 | 0.000881 | 0.000881 | 0.001086 | 0.001086 | -0.001080 | -0.001080 | -0.001080 | -0.001080 | -0.001080 | -0.001080 | -0.001080 | -0.001080 | -0.001080 | -0.001080 | -0.001080 | -0.001080 | 0.004277 | -0.001130 | 0.000946 | 0.000937 | -0.000010 | 0.000907 | 0.002878 | -0.000980 | 0.002310 | 0.004612 | 0.000926 | 0.002971 | 0.000487 | 0.003943 | 0.000579 | 0.001909 | -0.000033 | 0.003167 | 0.000528 | 0.000920 | 0.001847 | 0.002006 | 0.003434 | 0.000125 | 0.000564 | 0.002989 | 0.003595 | -0.000068 |
| 0.072658 | 0.12985 | 0.017118 | 0.003767 | 0.003699 | 0.004900 | 0.004900 | 0.002975 | 0.002975 | 1.331731e-03 | 1.331731e-03 | 0.002904 | 0.002904 | 0.000839 | 0.000839 | 6.536910e-03 | 6.536910e-03 | 0.001929 | 0.001929 | 0.002619 | 0.002619 | 0.002314 | 0.002314 | 0.002314 | 0.002314 | 0.002314 | 0.002314 | 0.002314 | 0.002314 | 0.002314 | 0.002314 | 0.002314 | 0.002314 | -0.001902 | -0.006250 | -0.001499 | -0.000988 | -0.000815 | 0.001356 | 0.001769 | -0.000784 | 0.000868 | -0.035232 | 0.001899 | -0.016226 | -0.003000 | 0.001198 | -0.001518 | 0.004010 | 0.001220 | 0.002952 | 0.002271 | 0.000658 | 0.002098 | 0.001309 | 0.000691 | 0.001436 | 0.002504 | 0.007170 | 0.000584 | 0.000730 |
| 0.078903 | 0.129879 | 0.010403 | 0.003749 | 0.001935 | 0.003621 | 0.003621 | 0.004798 | 0.004798 | 6.185210e-03 | 6.185210e-03 | 0.003704 | 0.003704 | 0.003306 | 0.003306 | 1.198463e-02 | 1.198463e-02 | 0.001708 | 0.001708 | 0.003588 | 0.003588 | 0.030114 | 0.030114 | 0.030114 | 0.030114 | 0.030114 | 0.030114 | 0.030114 | 0.030114 | 0.030114 | 0.030114 | 0.030114 | 0.030114 | -0.000846 | -0.002449 | -0.001309 | -0.001913 | -0.000351 | -0.003193 | -0.000964 | 0.001011 | -0.012345 | 0.000219 | -0.000112 | -0.015948 | 0.000462 | -0.022418 | 0.001043 | 0.000817 | 0.002187 | -0.000261 | -0.000206 | 0.000470 | 0.000374 | -0.000526 | 0.000618 | 0.027252 | 0.001883 | 0.001638 | 0.000755 | 0.000303 |
| 0.085147 | 0.129908 | 0.001865 | 0.006404 | 0.004105 | -0.006450 | -0.006450 | 0.016011 | 0.016011 | -1.365728e-02 | -1.365728e-02 | 0.003698 | 0.003698 | -0.015578 | -0.015578 | -6.311703e-02 | -6.311703e-02 | -0.000356 | -0.000356 | -0.007003 | -0.007003 | 0.046359 | 0.046359 | 0.046359 | 0.046359 | 0.046359 | 0.046359 | 0.046359 | 0.046359 | 0.046359 | 0.046359 | 0.046359 | 0.046359 | -0.001556 | 0.056128 | -0.027383 | -0.017672 | 0.012325 | -0.059986 | -0.001154 | -0.018708 | -0.001174 | -0.000626 | -0.003231 | -0.066313 | 0.001249 | -0.002012 | -0.001358 | -0.078101 | 0.071854 | 0.002101 | -0.002154 | -0.004911 | 0.002523 | -0.056567 | 0.000920 | -0.000397 | 0.000355 | -0.000615 | 0.007178 | 0.000875 |
| 0.091392 | 0.129936 | 0.005553 | 0.006945 | 0.006025 | 0.004688 | 0.004688 | -0.003562 | -0.003562 | 1.315932e-03 | 1.315932e-03 | 0.002670 | 0.002670 | -0.005282 | -0.005282 | -7.846315e-02 | -7.846315e-02 | -0.002154 | -0.002154 | -0.020577 | -0.020577 | -0.016614 | -0.016614 | -0.016614 | -0.016614 | -0.016614 | -0.016614 | -0.016614 | -0.016614 | -0.016614 | -0.016614 | -0.016614 | -0.016614 | -0.034610 | -0.004610 | -0.026339 | -0.018436 | -0.035785 | -0.019959 | -0.018714 | -0.001378 | -0.029261 | -0.031813 | -0.002467 | -0.036395 | -0.022992 | -0.002750 | 0.001501 | -0.017417 | -0.005399 | 0.017515 | -0.025858 | -0.008622 | -0.000631 | -0.002832 | -0.001497 | -0.021244 | -0.004182 | -0.000882 | 0.063811 | 0.005292 |
| 0.097637 | 0.129965 | -0.002806 | -0.032760 | -0.005950 | -0.007004 | -0.007004 | -0.001136 | -0.001136 | -4.807659e-03 | -4.807659e-03 | -0.054367 | -0.054367 | -0.015461 | -0.015461 | -5.040713e-03 | -5.040713e-03 | -0.005428 | -0.005428 | -0.002481 | -0.002481 | -0.035968 | -0.035968 | -0.035968 | -0.035968 | -0.035968 | -0.035968 | -0.035968 | -0.035968 | -0.035968 | -0.035968 | -0.035968 | -0.035968 | 0.016438 | -0.010737 | -0.052946 | 0.005010 | -0.012627 | 0.011510 | -0.016622 | -0.005184 | -0.011581 | -0.012673 | -0.002538 | -0.004736 | -0.074231 | 0.001729 | 0.004569 | 0.005174 | -0.007373 | -0.002591 | -0.021997 | -0.025090 | -0.003652 | -0.001087 | -0.006779 | -0.010194 | -0.046169 | 0.006469 | 0.028143 | -0.034677 |
| 0.103881 | 0.129994 | -0.015553 | -0.017802 | -0.005516 | -0.017971 | -0.017971 | -0.001229 | -0.001229 | -1.458595e-02 | -1.458595e-02 | -0.065572 | -0.065572 | -0.015595 | -0.015595 | -3.881895e-03 | -3.881895e-03 | -0.005837 | -0.005837 | -0.013681 | -0.013681 | -0.089181 | -0.089181 | -0.089181 | -0.089181 | -0.089181 | -0.089181 | -0.089181 | -0.089181 | -0.089181 | -0.089181 | -0.089181 | -0.089181 | -0.063179 | -0.014280 | -0.044561 | -0.005929 | -0.011602 | -0.011211 | -0.006350 | -0.001635 | -0.072881 | -0.012625 | -0.002595 | -0.004495 | -0.027575 | -0.010798 | -0.013382 | -0.002156 | 0.005610 | -0.016963 | -0.022795 | -0.003642 | 0.000768 | -0.019310 | -0.006803 | -0.012209 | -0.074117 | 0.012048 | 0.024010 | -0.030800 |
| 0.110126 | 0.130023 | -0.053003 | -0.012151 | -0.024061 | -0.001412 | -0.001412 | 0.000786 | 0.000786 | -2.345528e-02 | -2.345528e-02 | -0.061415 | -0.061415 | -0.008384 | -0.008384 | 2.131881e-02 | 2.131881e-02 | -0.007621 | -0.007621 | 0.001471 | 0.001471 | -0.024823 | -0.024823 | -0.024823 | -0.024823 | -0.024823 | -0.024823 | -0.024823 | -0.024823 | -0.024823 | -0.024823 | -0.024823 | -0.024823 | -0.026672 | -0.014540 | -0.022555 | 0.006888 | 0.014632 | -0.019570 | -0.014497 | -0.008358 | -0.011296 | -0.025631 | -0.019361 | -0.043459 | -0.029643 | -0.001918 | -0.006372 | -0.000041 | 0.001818 | -0.030979 | 0.003712 | -0.000626 | 0.011544 | -0.002053 | -0.007311 | -0.029867 | -0.008108 | 0.031157 | 0.008577 | -0.008197 |
| 0.116371 | 0.130051 | -0.053108 | -0.018142 | -0.074224 | 0.007439 | 0.007439 | -0.001846 | -0.001846 | 4.619418e-04 | 4.619418e-04 | -0.045509 | -0.045509 | -0.000082 | -0.000082 | 1.385727e-02 | 1.385727e-02 | -0.009061 | -0.009061 | 0.018848 | 0.018848 | -0.015526 | -0.015526 | -0.015526 | -0.015526 | -0.015526 | -0.015526 | -0.015526 | -0.015526 | -0.015526 | -0.015526 | -0.015526 | -0.015526 | -0.012699 | -0.044645 | -0.024294 | -0.019271 | 0.014268 | -0.021795 | -0.020377 | -0.014887 | -0.016858 | -0.018927 | -0.042665 | -0.041613 | 0.005980 | -0.025751 | -0.005791 | -0.003110 | -0.006524 | -0.012670 | -0.005680 | 0.002089 | 0.001138 | -0.035576 | -0.005781 | -0.030516 | -0.004079 | 0.017464 | -0.002922 | -0.005780 |
| 0.122615 | 0.13008 | -0.017863 | -0.009963 | -0.003334 | -0.006965 | -0.006965 | -0.002530 | -0.002530 | -1.543948e-02 | -1.543948e-02 | -0.015928 | -0.015928 | 0.016446 | 0.016446 | -4.984069e-03 | -4.984069e-03 | -0.026872 | -0.026872 | 0.010239 | 0.010239 | -0.029287 | -0.029287 | -0.029287 | -0.029287 | -0.029287 | -0.029287 | -0.029287 | -0.029287 | -0.029287 | -0.029287 | -0.029287 | -0.029287 | -0.006433 | -0.022065 | -0.017537 | -0.020694 | -0.000292 | -0.018937 | -0.031531 | -0.024907 | -0.012358 | -0.013886 | -0.052114 | -0.020840 | 0.002179 | -0.001366 | -0.008112 | -0.019810 | -0.034409 | -0.011930 | 0.016389 | 0.007853 | -0.021403 | -0.034924 | -0.000734 | -0.014142 | -0.006190 | 0.018309 | -0.006623 | -0.017614 |
| 0.12886 | 0.130109 | -0.006661 | -0.016076 | 0.005161 | -0.011711 | -0.011711 | 0.000512 | 0.000512 | -1.871842e-02 | -1.871842e-02 | -0.013214 | -0.013214 | -0.003245 | -0.003245 | -6.541137e-03 | -6.541137e-03 | -0.026140 | -0.026140 | 0.010097 | 0.010097 | -0.021813 | -0.021813 | -0.021813 | -0.021813 | -0.021813 | -0.021813 | -0.021813 | -0.021813 | -0.021813 | -0.021813 | -0.021813 | -0.021813 | 0.000324 | -0.007333 | -0.001249 | -0.021710 | -0.004134 | -0.018633 | -0.034015 | -0.032332 | -0.006745 | -0.011469 | -0.041816 | -0.014815 | -0.020508 | -0.010268 | -0.009112 | -0.012713 | -0.026111 | -0.014023 | 0.025579 | -0.009524 | -0.027494 | -0.030143 | 0.002735 | -0.002224 | -0.001125 | 0.027785 | -0.003133 | -0.015695 |
| 0.135105 | 0.130137 | -0.007134 | -0.028165 | 0.005483 | -0.004805 | -0.004805 | 0.003160 | 0.003160 | -1.724446e-02 | -1.724446e-02 | -0.002381 | -0.002381 | -0.000447 | -0.000447 | -1.020777e-02 | -1.020777e-02 | -0.020642 | -0.020642 | 0.012217 | 0.012217 | -0.011996 | -0.011996 | -0.011996 | -0.011996 | -0.011996 | -0.011996 | -0.011996 | -0.011996 | -0.011996 | -0.011996 | -0.011996 | -0.011996 | 0.007472 | 0.000586 | 0.003285 | -0.014204 | -0.012478 | -0.011970 | -0.027985 | -0.023822 | -0.007124 | -0.014914 | -0.018692 | -0.012242 | -0.017980 | -0.017250 | -0.008857 | -0.008232 | -0.016235 | -0.012161 | 0.007670 | -0.014014 | -0.019395 | -0.023824 | 0.000109 | -0.014164 | -0.007960 | 0.003840 | -0.004606 | -0.008280 |
| 0.141349 | 0.130166 | -0.010625 | -0.022377 | 0.003412 | -0.000311 | -0.000311 | 0.004795 | 0.004795 | -1.673692e-02 | -1.673692e-02 | -0.001243 | -0.001243 | 0.005666 | 0.005666 | -1.458143e-02 | -1.458143e-02 | -0.020204 | -0.020204 | 0.009283 | 0.009283 | -0.006515 | -0.006515 | -0.006515 | -0.006515 | -0.006515 | -0.006515 | -0.006515 | -0.006515 | -0.006515 | -0.006515 | -0.006515 | -0.006515 | 0.002290 | 0.000952 | -0.007180 | -0.012925 | -0.018631 | -0.010684 | -0.020715 | -0.015626 | -0.006295 | -0.019849 | -0.005669 | -0.011372 | -0.014292 | -0.013608 | -0.009057 | -0.007719 | -0.012204 | -0.006074 | -0.004112 | -0.009814 | -0.011964 | -0.025662 | -0.004887 | -0.021462 | -0.011336 | -0.012988 | -0.005419 | -0.001312 |
| 0.147594 | 0.130195 | -0.015673 | -0.005786 | -0.003083 | 0.001017 | 0.001017 | 0.003707 | 0.003707 | -1.411592e-02 | -1.411592e-02 | -0.001104 | -0.001104 | 0.006843 | 0.006843 | -1.421155e-02 | -1.421155e-02 | -0.012104 | -0.012104 | 0.002340 | 0.002340 | -0.008010 | -0.008010 | -0.008010 | -0.008010 | -0.008010 | -0.008010 | -0.008010 | -0.008010 | -0.008010 | -0.008010 | -0.008010 | -0.008010 | -0.002886 | 0.000856 | -0.006823 | -0.017577 | -0.020195 | -0.011233 | -0.019449 | -0.012685 | -0.004814 | -0.016258 | -0.002472 | -0.010700 | -0.010126 | -0.003603 | -0.009825 | -0.005220 | -0.011264 | 0.000478 | -0.010592 | -0.005927 | -0.007810 | -0.036354 | -0.009695 | -0.016981 | -0.015400 | -0.023823 | -0.007109 | 0.001799 |
| 0.153839 | 0.130224 | -0.022312 | -0.003094 | -0.008632 | 0.002669 | 0.002669 | 0.001648 | 0.001648 | -1.343074e-02 | -1.343074e-02 | 0.000513 | 0.000513 | -0.000966 | -0.000966 | -1.200825e-02 | -1.200825e-02 | -0.005087 | -0.005087 | -0.003279 | -0.003279 | -0.010051 | -0.010051 | -0.010051 | -0.010051 | -0.010051 | -0.010051 | -0.010051 | -0.010051 | -0.010051 | -0.010051 | -0.010051 | -0.010051 | -0.005948 | -0.000918 | -0.003748 | -0.022243 | -0.014194 | -0.012862 | -0.022326 | -0.011648 | -0.003292 | -0.011010 | -0.001554 | -0.008160 | -0.004005 | 0.003293 | -0.010916 | -0.004198 | -0.007218 | 0.003282 | -0.008370 | -0.002891 | -0.005113 | -0.063415 | -0.014940 | -0.012215 | -0.022491 | -0.031866 | -0.007934 | 0.002638 |
| 0.160083 | 0.130252 | -0.024539 | -0.004287 | -0.005470 | 0.005454 | 0.005454 | -0.000945 | -0.000945 | -1.408234e-02 | -1.408234e-02 | -0.000368 | -0.000368 | -0.007519 | -0.007519 | -1.223436e-02 | -1.223436e-02 | -0.001229 | -0.001229 | -0.006605 | -0.006605 | -0.012172 | -0.012172 | -0.012172 | -0.012172 | -0.012172 | -0.012172 | -0.012172 | -0.012172 | -0.012172 | -0.012172 | -0.012172 | -0.012172 | -0.008709 | -0.003289 | -0.000240 | -0.025099 | -0.009581 | -0.016002 | -0.022207 | -0.011875 | -0.002933 | -0.008917 | 0.000485 | -0.005799 | 0.000178 | 0.003902 | -0.005178 | -0.006982 | -0.005344 | 0.001743 | 0.008434 | -0.001018 | -0.003521 | -0.072061 | -0.022774 | -0.008358 | -0.028610 | -0.028683 | -0.010399 | 0.003396 |
| 0.166328 | 0.130281 | -0.018819 | -0.005960 | -0.002070 | 0.007194 | 0.007194 | -0.004117 | -0.004117 | -1.365955e-02 | -1.365955e-02 | -0.005358 | -0.005358 | -0.010654 | -0.010654 | -1.352185e-02 | -1.352185e-02 | 0.002204 | 0.002204 | -0.008608 | -0.008608 | -0.014315 | -0.014315 | -0.014315 | -0.014315 | -0.014315 | -0.014315 | -0.014315 | -0.014315 | -0.014315 | -0.014315 | -0.014315 | -0.014315 | -0.011388 | -0.005572 | 0.003096 | -0.021583 | -0.008470 | -0.022319 | -0.019462 | -0.013782 | -0.003186 | -0.008776 | 0.002508 | -0.004141 | 0.001117 | 0.004250 | -0.002903 | -0.012068 | -0.008232 | 0.002061 | 0.003451 | -0.000371 | -0.003169 | -0.041318 | -0.033980 | -0.006119 | -0.033590 | -0.020853 | -0.012246 | 0.004393 |
| 0.170328 | 0.128037 | -0.013767 | -0.006651 | -0.001041 | 0.007941 | 0.007941 | -0.006027 | -0.006027 | -1.306606e-02 | -1.306606e-02 | -0.008945 | -0.008945 | -0.013240 | -0.013240 | -1.370524e-02 | -1.370524e-02 | 0.006545 | 0.006545 | -0.010700 | -0.010700 | -0.014950 | -0.014950 | -0.014950 | -0.014950 | -0.014950 | -0.014950 | -0.014950 | -0.014950 | -0.014950 | -0.014950 | -0.014950 | -0.014950 | -0.012077 | -0.006912 | 0.006800 | -0.017117 | -0.008579 | -0.029334 | -0.014887 | -0.013277 | -0.002786 | -0.008146 | 0.004030 | -0.001932 | 0.001008 | 0.005814 | -0.001550 | -0.015275 | -0.009726 | 0.003811 | 0.002167 | 0.000524 | -0.003494 | -0.031587 | -0.027552 | -0.003411 | -0.023687 | -0.012774 | -0.012343 | 0.005640 |
| 0.170377 | 0.121792 | -0.018002 | -0.009789 | 0.000900 | 0.012055 | 0.012055 | -0.015658 | -0.015658 | -1.467247e-02 | -1.467247e-02 | -0.016105 | -0.016105 | -0.022450 | -0.022450 | -1.722560e-02 | -1.722560e-02 | 0.010787 | 0.010787 | -0.013165 | -0.013165 | -0.020604 | -0.020604 | -0.020604 | -0.020604 | -0.020604 | -0.020604 | -0.020604 | -0.020604 | -0.020604 | -0.020604 | -0.020604 | -0.020604 | -0.016941 | -0.005268 | 0.018118 | -0.016972 | -0.009270 | -0.047013 | -0.030822 | -0.025857 | 0.000212 | -0.001897 | 0.012154 | 0.001026 | 0.001090 | 0.006764 | 0.000171 | -0.023774 | -0.016080 | 0.020671 | 0.001796 | 0.001343 | -0.002708 | -0.026770 | -0.007372 | 0.002931 | -0.002822 | -0.003811 | -0.013911 | 0.009215 |
| 0.170426 | 0.115548 | -0.038380 | -0.005807 | -0.001257 | -0.003241 | -0.003241 | 0.003559 | 0.003559 | -3.329140e-02 | -3.329140e-02 | 0.011514 | 0.011514 | -0.014384 | -0.014384 | -5.438336e-03 | -5.438336e-03 | 0.017447 | 0.017447 | 0.016997 | 0.016997 | -0.016238 | -0.016238 | -0.016238 | -0.016238 | -0.016238 | -0.016238 | -0.016238 | -0.016238 | -0.016238 | -0.016238 | -0.016238 | -0.016238 | -0.028587 | 0.000480 | 0.008951 | -0.004520 | 0.000533 | -0.023447 | 0.002291 | -0.029365 | 0.001209 | 0.000124 | 0.007752 | 0.001709 | -0.006000 | 0.005153 | 0.001090 | -0.016848 | -0.008805 | 0.015245 | 0.002815 | 0.001105 | -0.001839 | -0.052958 | 0.004406 | 0.001519 | 0.043648 | 0.002855 | -0.037022 | 0.005423 |
| 0.170476 | 0.109303 | 0.000133 | -0.000216 | 0.000435 | -0.000426 | -0.000426 | -0.000279 | -0.000279 | 1.152175e-04 | 1.152175e-04 | -0.000058 | -0.000058 | -0.004911 | -0.004911 | 3.517967e-04 | 3.517967e-04 | -0.000393 | -0.000393 | -0.000725 | -0.000725 | 0.001148 | 0.001148 | 0.001148 | 0.001148 | 0.001148 | 0.001148 | 0.001148 | 0.001148 | 0.001148 | 0.001148 | 0.001148 | 0.001148 | 0.001259 | 0.001232 | 0.000661 | 0.000114 | -0.000686 | 0.000926 | 0.001052 | 0.001994 | 0.001564 | 0.001588 | 0.003699 | 0.002630 | 0.005112 | 0.002296 | 0.002309 | 0.002243 | 0.002800 | 0.003516 | 0.002469 | 0.000675 | 0.000847 | 0.003340 | 0.005845 | 0.001076 | 0.001752 | 0.006869 | 0.003540 | 0.002850 |
| 0.170525 | 0.103059 | -0.001038 | -0.000467 | 0.001125 | -0.001250 | -0.001250 | -0.000173 | -0.000173 | 1.080467e-04 | 1.080467e-04 | 0.007878 | 0.007878 | -0.009706 | -0.009706 | 5.958175e-04 | 5.958175e-04 | 0.000260 | 0.000260 | 0.000014 | 0.000014 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.000760 | -0.002459 | -0.000519 | 0.001171 | 0.001088 | 0.000712 | 0.000796 | 0.001971 | 0.002083 | 0.001330 | 0.001617 | 0.001492 | 0.002093 | 0.002196 | 0.003010 | 0.001360 | 0.002527 | 0.002329 | 0.002489 | 0.002056 | 0.001347 | 0.001622 | 0.002711 | 0.001680 | 0.002580 | 0.002018 | 0.003009 | 0.001632 |
| 0.170574 | 0.096814 | -0.000882 | -0.000746 | -0.000277 | -0.000687 | -0.000687 | -0.000670 | -0.000670 | -3.383116e-04 | -3.383116e-04 | 0.000886 | 0.000886 | 0.000202 | 0.000202 | -1.479481e-04 | -1.479481e-04 | -0.000621 | -0.000621 | 0.000663 | 0.000663 | 0.001583 | 0.001583 | 0.001583 | 0.001583 | 0.001583 | 0.001583 | 0.001583 | 0.001583 | 0.001583 | 0.001583 | 0.001583 | 0.001583 | 0.001074 | 0.000997 | 0.001466 | 0.003364 | 0.001799 | 0.001242 | 0.002078 | 0.001360 | 0.000948 | 0.002251 | 0.002418 | 0.000321 | 0.002552 | 0.001909 | 0.002181 | 0.003053 | 0.001039 | 0.001018 | 0.001861 | 0.000309 | 0.000867 | 0.002471 | 0.001039 | 0.001289 | 0.003180 | 0.002102 | 0.002651 | 0.002054 |
| 0.170623 | 0.09057 | 0.000072 | 0.000050 | -0.000468 | -0.000114 | -0.000114 | 0.000843 | 0.000843 | 1.074678e-03 | 1.074678e-03 | 0.000739 | 0.000739 | 0.000566 | 0.000566 | -7.946300e-05 | -7.946300e-05 | 0.000120 | 0.000120 | 0.001670 | 0.001670 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.001197 | 0.000574 | 0.000868 | 0.001206 | 0.002334 | 0.000192 | 0.001115 | 0.001418 | 0.001532 | 0.001737 | 0.001283 | 0.001469 | 0.000051 | -0.000887 | 0.000802 | 0.001813 | 0.006551 | 0.000255 | 0.001547 | 0.002056 | 0.001802 | 0.001665 | 0.002182 | 0.001290 | 0.001034 | 0.003178 | 0.002118 | 0.002616 | 0.002216 |
| 0.170672 | 0.084325 | 0.000364 | -0.000547 | -0.000263 | 0.001296 | 0.001296 | 0.000627 | 0.000627 | 1.672644e-03 | 1.672644e-03 | 0.000391 | 0.000391 | 0.000702 | 0.000702 | 1.664308e-04 | 1.664308e-04 | 0.001389 | 0.001389 | 0.000884 | 0.000884 | 0.000016 | 0.000016 | 0.000016 | 0.000016 | 0.000016 | 0.000016 | 0.000016 | 0.000016 | 0.000016 | 0.000016 | 0.000016 | 0.000016 | 0.002053 | 0.002889 | 0.001908 | 0.002261 | 0.002926 | 0.000789 | 0.001352 | 0.001157 | 0.002684 | 0.001547 | 0.000908 | -0.000121 | 0.000011 | 0.000850 | 0.000285 | 0.000704 | 0.003531 | 0.001994 | 0.001928 | 0.001582 | 0.002643 | 0.002738 | 0.002264 | 0.003022 | 0.001759 | 0.002975 | 0.002238 | 0.002226 |
| 0.170721 | 0.07808 | -0.000589 | -0.002527 | -0.001106 | 0.001058 | 0.001058 | 0.001543 | 0.001543 | -4.669369e-04 | -4.669369e-04 | 0.000764 | 0.000764 | 0.000037 | 0.000037 | -2.073134e-03 | -2.073134e-03 | 0.001271 | 0.001271 | 0.002905 | 0.002905 | -0.000959 | -0.000959 | -0.000959 | -0.000959 | -0.000959 | -0.000959 | -0.000959 | -0.000959 | -0.000959 | -0.000959 | -0.000959 | -0.000959 | 0.001659 | 0.006630 | 0.002404 | 0.000253 | 0.002077 | -0.002913 | 0.001077 | 0.002522 | 0.000711 | 0.000467 | 0.014861 | 0.003902 | 0.003424 | 0.003092 | 0.002075 | 0.003086 | 0.003385 | 0.002266 | 0.001751 | 0.002418 | 0.000889 | 0.001704 | 0.001556 | 0.002306 | 0.002769 | 0.003273 | 0.005045 | 0.000985 |
| 0.170771 | 0.071836 | 0.000209 | 0.000116 | -0.000410 | 0.000432 | 0.000432 | 0.000322 | 0.000322 | -4.699619e-04 | -4.699619e-04 | 0.000605 | 0.000605 | 0.000252 | 0.000252 | -3.779065e-04 | -3.779065e-04 | -0.000029 | -0.000029 | 0.000855 | 0.000855 | 0.001704 | 0.001704 | 0.001704 | 0.001704 | 0.001704 | 0.001704 | 0.001704 | 0.001704 | 0.001704 | 0.001704 | 0.001704 | 0.001704 | 0.001016 | 0.001150 | 0.000814 | 0.001016 | 0.001591 | 0.001489 | 0.002043 | 0.000036 | 0.001153 | 0.000697 | 0.000957 | 0.000960 | 0.001581 | 0.001465 | 0.001560 | 0.003059 | 0.001260 | 0.001068 | 0.001548 | 0.002332 | 0.001681 | 0.001018 | 0.001591 | 0.000414 | 0.001520 | 0.001362 | 0.000731 | 0.001451 |
| 0.17082 | 0.065591 | -0.001522 | -0.000986 | -0.001507 | -0.000306 | -0.000306 | -0.000553 | -0.000553 | 7.945317e-04 | 7.945317e-04 | 0.000629 | 0.000629 | 0.000020 | 0.000020 | 6.690339e-04 | 6.690339e-04 | 0.000478 | 0.000478 | -0.000628 | -0.000628 | 0.001871 | 0.001871 | 0.001871 | 0.001871 | 0.001871 | 0.001871 | 0.001871 | 0.001871 | 0.001871 | 0.001871 | 0.001871 | 0.001871 | 0.000476 | 0.000494 | -0.000357 | 0.000748 | 0.002114 | 0.001120 | 0.001750 | 0.002425 | 0.001016 | 0.002019 | 0.002080 | 0.000529 | 0.000725 | 0.001671 | 0.001054 | 0.002126 | 0.000882 | 0.000701 | 0.001781 | 0.001456 | -0.000111 | 0.001025 | 0.001801 | -0.000305 | 0.001222 | 0.001545 | 0.000763 | 0.001778 |
| 0.170869 | 0.059347 | -0.000514 | -0.000450 | -0.000483 | -0.000023 | -0.000023 | 0.000295 | 0.000295 | 8.947245e-07 | 8.947245e-07 | 0.000624 | 0.000624 | -0.000091 | -0.000091 | -9.127275e-04 | -9.127275e-04 | 0.000710 | 0.000710 | 0.000064 | 0.000064 | 0.001673 | 0.001673 | 0.001673 | 0.001673 | 0.001673 | 0.001673 | 0.001673 | 0.001673 | 0.001673 | 0.001673 | 0.001673 | 0.001673 | 0.001495 | 0.001159 | 0.000817 | 0.001755 | 0.001571 | 0.000958 | 0.000558 | 0.000885 | 0.000785 | 0.001303 | 0.000984 | 0.000963 | -0.000132 | 0.001083 | -0.000130 | 0.001909 | 0.001581 | 0.000871 | 0.000840 | 0.001291 | 0.000280 | 0.001279 | 0.000392 | 0.001601 | 0.000322 | 0.001032 | 0.000659 | 0.000115 |
| 0.170918 | 0.053102 | 0.000428 | 0.000011 | 0.000226 | -0.000259 | -0.000259 | -0.000619 | -0.000619 | 5.664377e-04 | 5.664377e-04 | -0.000083 | -0.000083 | 0.000916 | 0.000916 | 1.647497e-03 | 1.647497e-03 | 0.000653 | 0.000653 | 0.000097 | 0.000097 | 0.001134 | 0.001134 | 0.001134 | 0.001134 | 0.001134 | 0.001134 | 0.001134 | 0.001134 | 0.001134 | 0.001134 | 0.001134 | 0.001134 | 0.000361 | 0.001301 | 0.001443 | 0.002030 | 0.000161 | 0.000998 | 0.000746 | 0.000237 | 0.000153 | 0.000728 | 0.000120 | 0.000325 | 0.000540 | 0.000879 | -0.000343 | 0.000585 | 0.000449 | 0.000995 | 0.001469 | 0.000940 | 0.001338 | 0.000509 | 0.000114 | -0.000735 | 0.000531 | 0.001032 | 0.001090 | 0.000700 |
| 0.170967 | 0.046858 | 0.014114 | -0.000836 | -0.000241 | -0.000360 | -0.000360 | 0.000021 | 0.000021 | -5.552430e-04 | -5.552430e-04 | 0.000333 | 0.000333 | -0.000260 | -0.000260 | 1.886510e-03 | 1.886510e-03 | 0.000594 | 0.000594 | 0.001718 | 0.001718 | 0.000463 | 0.000463 | 0.000463 | 0.000463 | 0.000463 | 0.000463 | 0.000463 | 0.000463 | 0.000463 | 0.000463 | 0.000463 | 0.000463 | 0.000687 | -0.000086 | 0.000988 | 0.000647 | 0.000366 | -0.000173 | 0.000978 | 0.000466 | 0.000359 | 0.000399 | -0.006609 | 0.000148 | 0.000571 | 0.001101 | -0.015377 | 0.006580 | -0.001438 | -0.008593 | -0.008054 | 0.003198 | 0.000911 | 0.000092 | 0.002197 | 0.002768 | 0.000242 | 0.007074 | 0.008331 | -0.021081 |
| 0.168545 | 0.043071 | 0.001298 | -0.000401 | -0.000516 | 0.035960 | 0.035960 | 0.001219 | 0.001219 | -1.001951e-03 | -1.001951e-03 | 0.001365 | 0.001365 | 0.000486 | 0.000486 | -5.676544e-03 | -5.676544e-03 | -0.003211 | -0.003211 | 0.000164 | 0.000164 | 0.026982 | 0.026982 | 0.026982 | 0.026982 | 0.026982 | 0.026982 | 0.026982 | 0.026982 | 0.026982 | 0.026982 | 0.026982 | 0.026982 | -0.000334 | -0.000365 | 0.000913 | 0.000462 | 0.001297 | 0.012823 | 0.000123 | -0.000110 | -0.005004 | -0.000154 | -0.019722 | -0.000159 | -0.017898 | 0.001233 | 0.001813 | -0.001568 | -0.038620 | -0.047933 | -0.064892 | -0.005616 | -0.012403 | 0.013908 | -0.018771 | 0.013552 | 0.004255 | 0.028600 | -0.044967 | -0.027029 |
| 0.1623 | 0.043086 | -0.010766 | 0.002136 | -0.009283 | -0.007221 | -0.007221 | -0.010635 | -0.010635 | 7.775389e-04 | 7.775389e-04 | 0.001607 | 0.001607 | 0.000033 | 0.000033 | 1.217328e-03 | 1.217328e-03 | -0.002259 | -0.002259 | 0.001149 | 0.001149 | 0.000368 | 0.000368 | 0.000368 | 0.000368 | 0.000368 | 0.000368 | 0.000368 | 0.000368 | 0.000368 | 0.000368 | 0.000368 | 0.000368 | -0.001586 | -0.000048 | -0.000650 | -0.000395 | -0.000349 | -0.000537 | -0.000215 | -0.000776 | -0.000031 | 0.000528 | -0.000370 | 0.001202 | 0.000018 | 0.000204 | 0.022217 | -0.013656 | 0.055343 | 0.000651 | 0.001630 | -0.003849 | 0.005433 | 0.000164 | 0.001095 | 0.001489 | 0.000811 | 0.002727 | 0.000910 | 0.001260 |
| 0.156056 | 0.043101 | 0.003141 | 0.010960 | 0.002534 | -0.001401 | -0.001401 | 0.000925 | 0.000925 | 2.185231e-02 | 2.185231e-02 | -0.002905 | -0.002905 | -0.003049 | -0.003049 | -1.284495e-03 | -1.284495e-03 | -0.044576 | -0.044576 | -0.038889 | -0.038889 | -0.002095 | -0.002095 | -0.002095 | -0.002095 | -0.002095 | -0.002095 | -0.002095 | -0.002095 | -0.002095 | -0.002095 | -0.002095 | -0.002095 | -0.001615 | -0.002302 | -0.008236 | -0.003458 | -0.003309 | 0.002181 | -0.002079 | -0.002508 | 0.018034 | 0.000560 | -0.016875 | -0.055094 | -0.001722 | 0.000059 | -0.000578 | -0.001024 | -0.000822 | 0.043003 | -0.001294 | 0.000173 | 0.002206 | 0.001387 | -0.000614 | -0.000850 | 0.002226 | 0.008305 | 0.020616 | 0.002348 |
| 0.149811 | 0.043116 | -0.000185 | -0.001092 | 0.000561 | -0.000409 | -0.000409 | -0.001839 | -0.001839 | -1.763877e-03 | -1.763877e-03 | -0.000673 | -0.000673 | -0.061183 | -0.061183 | -2.115749e-03 | -2.115749e-03 | -0.003898 | -0.003898 | -0.002941 | -0.002941 | -0.004307 | -0.004307 | -0.004307 | -0.004307 | -0.004307 | -0.004307 | -0.004307 | -0.004307 | -0.004307 | -0.004307 | -0.004307 | -0.004307 | -0.003868 | -0.007153 | -0.005232 | -0.007020 | -0.008311 | 0.001129 | -0.007327 | -0.007677 | -0.005674 | -0.005232 | -0.008166 | -0.005555 | -0.007358 | -0.006225 | -0.006145 | -0.005182 | -0.003694 | -0.059588 | 0.057186 | 0.007682 | 0.005562 | -0.027448 | 0.001972 | -0.028973 | 0.014815 | -0.044050 | 0.013711 | -0.010487 |
| 0.143566 | 0.043131 | -0.002768 | -0.015660 | 0.000542 | -0.003428 | -0.003428 | -0.002540 | -0.002540 | -1.922409e-03 | -1.922409e-03 | -0.001941 | -0.001941 | -0.005029 | -0.005029 | -3.987698e-03 | -3.987698e-03 | -0.003330 | -0.003330 | -0.003796 | -0.003796 | -0.007357 | -0.007357 | -0.007357 | -0.007357 | -0.007357 | -0.007357 | -0.007357 | -0.007357 | -0.007357 | -0.007357 | -0.007357 | -0.007357 | -0.028995 | -0.027494 | -0.001263 | -0.012954 | -0.008037 | -0.012284 | -0.009980 | -0.010161 | -0.012564 | -0.014642 | -0.016482 | -0.011910 | -0.013124 | -0.013290 | -0.014031 | -0.058801 | -0.014350 | -0.010103 | 0.005119 | 0.010026 | 0.011440 | 0.010031 | 0.010679 | 0.014732 | 0.007982 | 0.010837 | 0.009759 | -0.045553 |
| 0.137321 | 0.043146 | -0.010250 | -0.002970 | -0.002503 | -0.003491 | -0.003491 | -0.001680 | -0.001680 | -3.270684e-03 | -3.270684e-03 | -0.001768 | -0.001768 | -0.002484 | -0.002484 | -6.295418e-03 | -6.295418e-03 | -0.005133 | -0.005133 | -0.044577 | -0.044577 | 0.015203 | 0.015203 | 0.015203 | 0.015203 | 0.015203 | 0.015203 | 0.015203 | 0.015203 | 0.015203 | 0.015203 | 0.015203 | 0.015203 | -0.021067 | 0.010120 | 0.007134 | -0.001891 | -0.044420 | 0.007351 | -0.011587 | -0.012265 | -0.015053 | -0.009899 | -0.005250 | -0.001684 | -0.001975 | -0.047703 | -0.053882 | 0.003080 | 0.042989 | 0.041066 | 0.070272 | -0.011205 | 0.012285 | -0.006068 | 0.004565 | 0.016079 | 0.003898 | 0.005796 | 0.007278 | 0.011903 |
| 0.131077 | 0.04316 | -0.006152 | -0.005787 | -0.064740 | -0.015909 | -0.015909 | -0.009594 | -0.009594 | -7.480338e-03 | -7.480338e-03 | -0.002403 | -0.002403 | 0.000348 | 0.000348 | -7.161384e-03 | -7.161384e-03 | -0.001915 | -0.001915 | -0.047633 | -0.047633 | 0.014840 | 0.014840 | 0.014840 | 0.014840 | 0.014840 | 0.014840 | 0.014840 | 0.014840 | 0.014840 | 0.014840 | 0.014840 | 0.014840 | 0.010353 | 0.019158 | 0.003843 | 0.033290 | 0.031052 | 0.022969 | 0.011959 | -0.027469 | -0.050968 | 0.013190 | 0.003004 | 0.012590 | 0.023174 | 0.007677 | -0.039935 | 0.012362 | 0.003537 | 0.009521 | 0.014094 | 0.015865 | 0.017747 | 0.024069 | -0.025267 | 0.007585 | 0.015292 | 0.039661 | 0.014898 | 0.009489 |
| 0.124832 | 0.043175 | -0.018415 | -0.019085 | -0.011245 | -0.065417 | -0.065417 | -0.001305 | -0.001305 | -1.844011e-02 | -1.844011e-02 | -0.012435 | -0.012435 | -0.007915 | -0.007915 | -1.210135e-02 | -1.210135e-02 | 0.016787 | 0.016787 | 0.000200 | 0.000200 | 0.010503 | 0.010503 | 0.010503 | 0.010503 | 0.010503 | 0.010503 | 0.010503 | 0.010503 | 0.010503 | 0.010503 | 0.010503 | 0.010503 | 0.019037 | -0.055463 | 0.035175 | -0.037654 | 0.012156 | 0.018236 | 0.020273 | 0.054460 | 0.015327 | 0.026082 | 0.014795 | 0.023452 | 0.002944 | 0.023180 | -0.003410 | 0.021339 | 0.020966 | -0.031565 | 0.038703 | -0.029660 | 0.045012 | -0.010265 | 0.019766 | -0.000880 | 0.007698 | 0.050727 | 0.023114 | 0.022730 |
| 0.118587 | 0.04319 | 0.063013 | 0.017035 | -0.024469 | 0.006713 | 0.006713 | -0.009907 | -0.009907 | 2.186618e-03 | 2.186618e-03 | 0.010656 | 0.010656 | 0.013930 | 0.013930 | -7.523507e-03 | -7.523507e-03 | -0.009653 | -0.009653 | -0.020240 | -0.020240 | -0.014533 | -0.014533 | -0.014533 | -0.014533 | -0.014533 | -0.014533 | -0.014533 | -0.014533 | -0.014533 | -0.014533 | -0.014533 | -0.014533 | -0.002393 | 0.017643 | 0.001592 | 0.047514 | -0.035215 | 0.004915 | 0.021193 | -0.053636 | -0.009714 | -0.022276 | 0.009936 | 0.007998 | -0.024057 | 0.027706 | -0.058514 | 0.004558 | 0.034646 | -0.068977 | -0.010228 | -0.031656 | -0.012954 | 0.037826 | 0.015151 | -0.014865 | 0.000786 | -0.002200 | 0.018692 | -0.024832 |
| 0.112343 | 0.043205 | 0.013153 | 0.013553 | 0.009814 | 0.001996 | 0.001996 | -0.011101 | -0.011101 | 2.606064e-02 | 2.606064e-02 | 0.031578 | 0.031578 | 0.026303 | 0.026303 | 2.300055e-02 | 2.300055e-02 | 0.018683 | 0.018683 | 0.010734 | 0.010734 | 0.021368 | 0.021368 | 0.021368 | 0.021368 | 0.021368 | 0.021368 | 0.021368 | 0.021368 | 0.021368 | 0.021368 | 0.021368 | 0.021368 | 0.019898 | 0.017293 | 0.022158 | 0.018886 | -0.001595 | 0.001060 | 0.053294 | 0.011057 | 0.037529 | 0.000925 | 0.026998 | 0.019143 | 0.005228 | 0.005848 | -0.002976 | -0.007352 | -0.001586 | 0.048577 | -0.007304 | -0.015827 | -0.013341 | -0.013911 | 0.018801 | -0.008172 | -0.005406 | -0.011931 | -0.004184 | 0.007927 |
| 0.106098 | 0.04322 | 0.014485 | 0.020229 | 0.019885 | 0.016918 | 0.016918 | 0.059786 | 0.059786 | 2.191095e-02 | 2.191095e-02 | 0.020694 | 0.020694 | 0.020424 | 0.020424 | 4.676862e-02 | 4.676862e-02 | 0.028766 | 0.028766 | 0.026943 | 0.026943 | 0.024781 | 0.024781 | 0.024781 | 0.024781 | 0.024781 | 0.024781 | 0.024781 | 0.024781 | 0.024781 | 0.024781 | 0.024781 | 0.024781 | 0.004851 | 0.021325 | -0.000015 | 0.018997 | 0.021976 | 0.020720 | 0.018927 | 0.015791 | 0.012034 | -0.045329 | 0.009550 | 0.008986 | 0.072233 | 0.005410 | -0.009396 | 0.029994 | 0.001356 | 0.030931 | 0.007767 | 0.010643 | 0.067218 | 0.030977 | 0.036958 | 0.001611 | 0.003504 | 0.025919 | 0.024744 | -0.006172 |
| 0.099853 | 0.043235 | 0.064600 | 0.020082 | 0.072007 | 0.017448 | 0.017448 | 0.014953 | 0.014953 | 1.844065e-02 | 1.844065e-02 | 0.023112 | 0.023112 | 0.018856 | 0.018856 | 1.984985e-02 | 1.984985e-02 | 0.034848 | 0.034848 | 0.021692 | 0.021692 | 0.016551 | 0.016551 | 0.016551 | 0.016551 | 0.016551 | 0.016551 | 0.016551 | 0.016551 | 0.016551 | 0.016551 | 0.016551 | 0.016551 | 0.016951 | 0.018642 | 0.018896 | 0.017719 | 0.018857 | 0.016993 | 0.017688 | 0.015535 | 0.015375 | 0.017107 | 0.015534 | 0.014865 | 0.013666 | 0.014527 | 0.010842 | 0.022330 | 0.017795 | 0.014104 | 0.012673 | 0.021045 | 0.017929 | 0.024384 | 0.021927 | 0.020383 | 0.018771 | 0.021555 | 0.015374 | 0.012451 |
| 0.093608 | 0.04325 | 0.014321 | 0.016145 | 0.013684 | 0.017639 | 0.017639 | 0.012993 | 0.012993 | 1.821022e-02 | 1.821022e-02 | 0.016713 | 0.016713 | 0.015278 | 0.015278 | 1.737305e-02 | 1.737305e-02 | 0.018510 | 0.018510 | 0.018372 | 0.018372 | 0.014847 | 0.014847 | 0.014847 | 0.014847 | 0.014847 | 0.014847 | 0.014847 | 0.014847 | 0.014847 | 0.014847 | 0.014847 | 0.014847 | 0.014710 | 0.018292 | 0.015780 | 0.015659 | 0.015783 | 0.013312 | 0.014195 | 0.013159 | 0.014072 | 0.014425 | 0.015705 | 0.013009 | 0.028388 | 0.012096 | 0.015749 | 0.017197 | 0.015577 | 0.042394 | 0.018357 | -0.023845 | 0.027536 | 0.018806 | 0.017369 | 0.017307 | 0.058341 | 0.039911 | 0.018607 | 0.018671 |
| 0.087364 | 0.043265 | 0.021212 | 0.015511 | 0.015257 | 0.014590 | 0.014590 | 0.012333 | 0.012333 | 1.639152e-02 | 1.639152e-02 | 0.012993 | 0.012993 | 0.013115 | 0.013115 | 1.833306e-02 | 1.833306e-02 | 0.018075 | 0.018075 | 0.015423 | 0.015423 | 0.008561 | 0.008561 | 0.008561 | 0.008561 | 0.008561 | 0.008561 | 0.008561 | 0.008561 | 0.008561 | 0.008561 | 0.008561 | 0.008561 | 0.013842 | 0.013740 | 0.012287 | 0.013650 | 0.013111 | 0.013898 | 0.012790 | 0.014122 | 0.013736 | 0.012380 | 0.014451 | 0.012971 | 0.014025 | 0.007359 | 0.054272 | 0.021314 | 0.009176 | -0.010094 | -0.038000 | 0.014327 | 0.016836 | 0.017403 | 0.015995 | 0.017224 | 0.014067 | 0.016432 | 0.018252 | 0.017751 |
| 0.081119 | 0.04328 | 0.063544 | 0.013846 | 0.015440 | 0.006661 | 0.006661 | 0.013166 | 0.013166 | -2.546012e-02 | -2.546012e-02 | 0.017276 | 0.017276 | 0.002816 | 0.002816 | -5.171513e-02 | -5.171513e-02 | 0.018666 | 0.018666 | 0.005890 | 0.005890 | 0.019724 | 0.019724 | 0.019724 | 0.019724 | 0.019724 | 0.019724 | 0.019724 | 0.019724 | 0.019724 | 0.019724 | 0.019724 | 0.019724 | 0.025401 | 0.006725 | 0.038395 | 0.011570 | 0.012017 | 0.006741 | 0.012539 | 0.010483 | 0.013958 | 0.011834 | 0.013175 | 0.011347 | 0.012519 | 0.011125 | 0.013360 | 0.012961 | 0.013582 | 0.013283 | 0.014809 | 0.014471 | 0.012899 | 0.014727 | 0.014824 | 0.015678 | 0.012816 | 0.016235 | 0.014080 | 0.014662 |
| 0.075061 | 0.043482 | 0.011415 | 0.013326 | 0.012002 | 0.009830 | 0.009830 | 0.009699 | 0.009699 | 1.433616e-02 | 1.433616e-02 | 0.014642 | 0.014642 | 0.011670 | 0.011670 | 1.086068e-02 | 1.086068e-02 | 0.012532 | 0.012532 | 0.013251 | 0.013251 | 0.013367 | 0.013367 | 0.013367 | 0.013367 | 0.013367 | 0.013367 | 0.013367 | 0.013367 | 0.013367 | 0.013367 | 0.013367 | 0.013367 | 0.014463 | 0.009857 | 0.010622 | 0.012011 | 0.012635 | 0.009657 | 0.011066 | 0.009856 | 0.012301 | 0.008882 | 0.004237 | 0.010645 | 0.012264 | 0.011056 | 0.011732 | 0.012052 | 0.012615 | 0.013705 | 0.011574 | 0.010503 | 0.011840 | 0.010351 | 0.014043 | 0.010130 | 0.013632 | 0.015310 | 0.013765 | 0.012407 |
| 0.075026 | 0.049727 | 0.009857 | 0.014305 | 0.007979 | 0.011079 | 0.011079 | 0.011847 | 0.011847 | 1.146841e-02 | 1.146841e-02 | 0.009350 | 0.009350 | 0.009800 | 0.009800 | 9.824474e-03 | 9.824474e-03 | 0.010587 | 0.010587 | 0.014439 | 0.014439 | 0.012426 | 0.012426 | 0.012426 | 0.012426 | 0.012426 | 0.012426 | 0.012426 | 0.012426 | 0.012426 | 0.012426 | 0.012426 | 0.012426 | 0.011205 | 0.011823 | 0.010257 | 0.010738 | 0.011071 | 0.012420 | 0.011865 | 0.009146 | 0.011116 | 0.011821 | 0.008768 | 0.010578 | 0.009379 | 0.011544 | 0.010161 | 0.010548 | 0.012632 | 0.010356 | 0.010505 | 0.010579 | 0.011517 | 0.010377 | 0.011456 | 0.010410 | 0.012578 | 0.011831 | 0.010373 | 0.010622 |
| 0.074991 | 0.055972 | 0.009393 | 0.008555 | 0.008712 | 0.009071 | 0.009071 | 0.009970 | 0.009970 | 8.758305e-03 | 8.758305e-03 | 0.008796 | 0.008796 | 0.011299 | 0.011299 | 9.984572e-03 | 9.984572e-03 | 0.009553 | 0.009553 | 0.008991 | 0.008991 | 0.011200 | 0.011200 | 0.011200 | 0.011200 | 0.011200 | 0.011200 | 0.011200 | 0.011200 | 0.011200 | 0.011200 | 0.011200 | 0.011200 | 0.009780 | 0.009756 | 0.009956 | 0.009033 | 0.010595 | 0.010452 | 0.009965 | 0.010710 | 0.011831 | 0.009901 | 0.010252 | 0.011716 | 0.009805 | 0.010347 | 0.010121 | 0.009005 | 0.011309 | 0.009695 | 0.010027 | 0.008757 | 0.012492 | 0.009356 | 0.011497 | 0.010188 | 0.010743 | 0.011089 | 0.010274 | 0.010106 |
| 0.074956 | 0.062216 | 0.007959 | 0.007871 | 0.009047 | 0.008492 | 0.008492 | 0.007817 | 0.007817 | 7.869756e-03 | 7.869756e-03 | 0.008551 | 0.008551 | 0.007791 | 0.007791 | 8.755026e-03 | 8.755026e-03 | 0.007128 | 0.007128 | 0.007993 | 0.007993 | 0.008673 | 0.008673 | 0.008673 | 0.008673 | 0.008673 | 0.008673 | 0.008673 | 0.008673 | 0.008673 | 0.008673 | 0.008673 | 0.008673 | 0.009779 | 0.009796 | 0.009737 | 0.009113 | 0.008766 | 0.009885 | 0.009230 | 0.010540 | 0.010488 | 0.008920 | 0.009194 | 0.007001 | 0.009336 | 0.010102 | 0.010229 | 0.008262 | 0.010331 | 0.008698 | 0.009738 | 0.009390 | 0.009596 | 0.009657 | 0.007622 | 0.007887 | 0.009282 | 0.009757 | 0.008541 | 0.012904 |
| 0.07492 | 0.068461 | 0.006086 | 0.006068 | 0.007776 | 0.006837 | 0.006837 | 0.009237 | 0.009237 | 8.260885e-03 | 8.260885e-03 | 0.008194 | 0.008194 | 0.006985 | 0.006985 | 6.863427e-03 | 6.863427e-03 | 0.007750 | 0.007750 | 0.007139 | 0.007139 | 0.007095 | 0.007095 | 0.007095 | 0.007095 | 0.007095 | 0.007095 | 0.007095 | 0.007095 | 0.007095 | 0.007095 | 0.007095 | 0.007095 | 0.009140 | 0.008831 | 0.007883 | 0.007610 | 0.009419 | 0.007887 | 0.007331 | 0.009208 | 0.009620 | 0.007869 | 0.007973 | 0.007901 | 0.008227 | 0.009142 | 0.008666 | 0.007503 | 0.008535 | 0.008254 | 0.009499 | 0.009525 | 0.006886 | 0.009158 | 0.008062 | 0.010078 | 0.009122 | 0.009452 | 0.008630 | 0.007888 |
| 0.074885 | 0.074705 | 0.004584 | 0.008484 | 0.005270 | 0.006029 | 0.006029 | 0.005022 | 0.005022 | 5.877196e-03 | 5.877196e-03 | 0.007280 | 0.007280 | 0.007196 | 0.007196 | 7.545670e-03 | 7.545670e-03 | 0.007291 | 0.007291 | 0.006023 | 0.006023 | 0.006684 | 0.006684 | 0.006684 | 0.006684 | 0.006684 | 0.006684 | 0.006684 | 0.006684 | 0.006684 | 0.006684 | 0.006684 | 0.006684 | 0.007259 | 0.009166 | 0.007623 | 0.008001 | 0.007273 | 0.008152 | 0.007256 | 0.007886 | 0.006981 | 0.006602 | 0.007880 | 0.007956 | 0.007802 | 0.009886 | 0.007907 | 0.007716 | 0.007939 | 0.008168 | 0.009820 | 0.007151 | 0.006189 | 0.007138 | 0.008270 | 0.006834 | 0.007833 | 0.008408 | 0.007617 | 0.006890 |
| 0.07485 | 0.08095 | 0.004780 | 0.005369 | 0.004833 | 0.004014 | 0.004014 | 0.003472 | 0.003472 | 4.925498e-03 | 4.925498e-03 | 0.005036 | 0.005036 | 0.004901 | 0.004901 | 5.591080e-03 | 5.591080e-03 | 0.006282 | 0.006282 | 0.005999 | 0.005999 | 0.003749 | 0.003749 | 0.003749 | 0.003749 | 0.003749 | 0.003749 | 0.003749 | 0.003749 | 0.003749 | 0.003749 | 0.003749 | 0.003749 | 0.006960 | 0.004845 | 0.004604 | 0.005912 | 0.004785 | 0.003596 | 0.005512 | 0.003901 | 0.005991 | 0.006028 | 0.006252 | 0.005344 | 0.004556 | 0.004800 | 0.006309 | 0.004166 | 0.003431 | 0.008307 | 0.005936 | 0.005366 | 0.005016 | 0.006065 | 0.005473 | 0.007985 | 0.007452 | 0.006762 | 0.006436 | 0.007436 |
| 0.074814 | 0.087195 | 0.003438 | 0.004208 | 0.003826 | 0.004566 | 0.004566 | 0.004268 | 0.004268 | 4.824394e-03 | 4.824394e-03 | 0.003370 | 0.003370 | 0.004899 | 0.004899 | 2.392896e-03 | 2.392896e-03 | 0.005471 | 0.005471 | 0.004689 | 0.004689 | 0.005326 | 0.005326 | 0.005326 | 0.005326 | 0.005326 | 0.005326 | 0.005326 | 0.005326 | 0.005326 | 0.005326 | 0.005326 | 0.005326 | 0.005977 | 0.005633 | 0.005622 | 0.005333 | 0.005679 | 0.005413 | 0.006616 | 0.004600 | 0.004816 | 0.004321 | 0.005994 | 0.004042 | 0.005092 | 0.007362 | 0.005947 | 0.005476 | 0.004786 | 0.007564 | 0.005597 | 0.003444 | 0.004399 | 0.004530 | 0.005973 | 0.006520 | 0.004622 | 0.007133 | 0.005327 | 0.006273 |
| 0.074779 | 0.093439 | 0.002512 | 0.002877 | 0.002717 | 0.002669 | 0.002669 | 0.003236 | 0.003236 | 3.163245e-03 | 3.163245e-03 | 0.004226 | 0.004226 | 0.002822 | 0.002822 | 3.670847e-03 | 3.670847e-03 | 0.002577 | 0.002577 | 0.004798 | 0.004798 | 0.003712 | 0.003712 | 0.003712 | 0.003712 | 0.003712 | 0.003712 | 0.003712 | 0.003712 | 0.003712 | 0.003712 | 0.003712 | 0.003712 | 0.004780 | 0.003969 | 0.005091 | 0.004583 | 0.005432 | 0.005265 | 0.004492 | 0.004094 | 0.005446 | 0.004923 | 0.003935 | 0.004158 | 0.003273 | 0.005887 | 0.004598 | 0.005815 | 0.003888 | 0.003848 | 0.004046 | 0.005746 | 0.003489 | 0.005271 | 0.004691 | 0.004379 | 0.005071 | 0.005460 | 0.004330 | 0.005376 |
| 0.074744 | 0.099684 | 0.002272 | 0.002968 | 0.002293 | 0.003281 | 0.003281 | 0.000017 | 0.000017 | 1.404762e-03 | 1.404762e-03 | 0.001201 | 0.001201 | 0.002396 | 0.002396 | 2.537199e-03 | 2.537199e-03 | 0.002944 | 0.002944 | 0.004686 | 0.004686 | 0.003255 | 0.003255 | 0.003255 | 0.003255 | 0.003255 | 0.003255 | 0.003255 | 0.003255 | 0.003255 | 0.003255 | 0.003255 | 0.003255 | 0.003078 | 0.002798 | 0.004545 | 0.003926 | 0.004061 | 0.006090 | 0.004042 | 0.003694 | 0.003285 | 0.003338 | 0.002609 | 0.003258 | 0.004870 | 0.003939 | 0.003409 | 0.004298 | 0.004345 | 0.003249 | 0.004249 | 0.004393 | 0.003853 | 0.004904 | 0.004379 | 0.004498 | 0.005399 | 0.004261 | 0.005359 | 0.005443 |
| 0.074709 | 0.105929 | 0.001822 | 0.002375 | 0.001959 | 0.002896 | 0.002896 | 0.001522 | 0.001522 | 1.656256e-03 | 1.656256e-03 | 0.000736 | 0.000736 | 0.003451 | 0.003451 | 2.580839e-03 | 2.580839e-03 | 0.000748 | 0.000748 | 0.004755 | 0.004755 | 0.002448 | 0.002448 | 0.002448 | 0.002448 | 0.002448 | 0.002448 | 0.002448 | 0.002448 | 0.002448 | 0.002448 | 0.002448 | 0.002448 | 0.003431 | 0.002622 | 0.003688 | 0.003143 | 0.004299 | 0.002108 | 0.002629 | 0.003211 | 0.001963 | 0.003716 | 0.004319 | 0.003982 | 0.003180 | 0.002856 | 0.002773 | 0.003807 | 0.002771 | 0.003374 | 0.004811 | 0.002326 | 0.004302 | 0.001554 | 0.002887 | 0.003108 | 0.004308 | 0.003790 | 0.003785 | 0.002973 |
| 0.074673 | 0.112173 | 0.003666 | 0.004996 | 0.002285 | 0.004516 | 0.004516 | 0.001849 | 0.001849 | 2.264275e-03 | 2.264275e-03 | 0.002607 | 0.002607 | 0.001914 | 0.001914 | 1.432440e-03 | 1.432440e-03 | 0.001894 | 0.001894 | 0.001688 | 0.001688 | 0.001389 | 0.001389 | 0.001389 | 0.001389 | 0.001389 | 0.001389 | 0.001389 | 0.001389 | 0.001389 | 0.001389 | 0.001389 | 0.001389 | 0.002150 | 0.002454 | 0.002327 | 0.002674 | 0.002765 | 0.003235 | 0.002340 | 0.002004 | 0.002675 | 0.003288 | 0.001920 | 0.003113 | 0.003076 | 0.003232 | 0.002204 | 0.002105 | 0.002379 | 0.002758 | 0.003098 | 0.002223 | 0.003257 | 0.002569 | 0.003805 | 0.004463 | 0.004296 | 0.002668 | 0.000409 | 0.004103 |
| 0.074638 | 0.118418 | 0.003155 | 0.004812 | 0.004785 | 0.003973 | 0.003973 | 0.004384 | 0.004384 | 3.288231e-03 | 3.288231e-03 | 0.003180 | 0.003180 | 0.002687 | 0.002687 | 3.804100e-03 | 3.804100e-03 | 0.003697 | 0.003697 | 0.000169 | 0.000169 | -0.002314 | -0.002314 | -0.002314 | -0.002314 | -0.002314 | -0.002314 | -0.002314 | -0.002314 | -0.002314 | -0.002314 | -0.002314 | -0.002314 | 0.003109 | 0.002030 | 0.000506 | 0.000969 | 0.003164 | 0.001763 | 0.000981 | 0.001577 | 0.003449 | 0.001345 | 0.001639 | 0.001151 | 0.003174 | 0.003647 | 0.002082 | 0.002301 | 0.000577 | 0.002697 | 0.003218 | 0.001337 | 0.002569 | 0.003717 | 0.003388 | 0.001839 | 0.002739 | 0.003075 | 0.001083 | 0.003678 |
| 0.074921 | 0.124346 | 0.003120 | 0.006661 | 0.004644 | 0.002959 | 0.002959 | 0.003755 | 0.003755 | 3.342885e-03 | 3.342885e-03 | 0.001600 | 0.001600 | 0.004059 | 0.004059 | 1.327394e-03 | 1.327394e-03 | 0.000743 | 0.000743 | 0.000699 | 0.000699 | -0.001873 | -0.001873 | -0.001873 | -0.001873 | -0.001873 | -0.001873 | -0.001873 | -0.001873 | -0.001873 | -0.001873 | -0.001873 | -0.001873 | 0.003236 | -0.000497 | 0.001306 | 0.000610 | 0.000070 | 0.000802 | 0.002575 | 0.000801 | 0.001930 | 0.001887 | 0.000649 | 0.002575 | 0.001775 | 0.001171 | 0.002333 | 0.000783 | 0.000528 | 0.003251 | 0.002020 | 0.001802 | 0.001635 | 0.002487 | 0.003088 | 0.000220 | 0.001499 | 0.001510 | 0.000792 | 0.002117 |
| 0.081166 | 0.124346 | 0.005666 | 0.004374 | 0.005072 | 0.004907 | 0.004907 | 0.003097 | 0.003097 | 4.835847e-03 | 4.835847e-03 | 0.004104 | 0.004104 | 0.004014 | 0.004014 | 2.956488e-03 | 2.956488e-03 | 0.001878 | 0.001878 | 0.000769 | 0.000769 | -0.002212 | -0.002212 | -0.002212 | -0.002212 | -0.002212 | -0.002212 | -0.002212 | -0.002212 | -0.002212 | -0.002212 | -0.002212 | -0.002212 | -0.000899 | -0.011556 | -0.020986 | 0.003761 | 0.000297 | 0.008926 | -0.046958 | -0.037833 | 0.018363 | 0.000523 | 0.036990 | 0.007988 | 0.000478 | 0.002048 | -0.002381 | 0.000579 | 0.002125 | -0.003910 | 0.001207 | 0.001485 | 0.000149 | 0.003052 | -0.000527 | 0.000232 | -0.002406 | 0.001450 | 0.022275 | 0.002632 |
| 0.08741 | 0.124346 | 0.004196 | 0.029965 | 0.003939 | 0.053102 | 0.053102 | 0.006691 | 0.006691 | 6.708581e-03 | 6.708581e-03 | 0.005357 | 0.005357 | -0.005501 | -0.005501 | -3.410035e-02 | -3.410035e-02 | -0.011901 | -0.011901 | -0.008457 | -0.008457 | -0.006026 | -0.006026 | -0.006026 | -0.006026 | -0.006026 | -0.006026 | -0.006026 | -0.006026 | -0.006026 | -0.006026 | -0.006026 | -0.006026 | -0.009099 | -0.060403 | -0.000424 | -0.001735 | -0.000432 | -0.002334 | -0.011257 | -0.018432 | 0.000830 | -0.011691 | -0.008496 | -0.060249 | 0.002885 | 0.000678 | -0.000929 | 0.000185 | 0.001515 | 0.008190 | -0.050443 | -0.000972 | 0.041917 | -0.008007 | -0.001133 | 0.000168 | 0.014260 | -0.001553 | 0.056473 | -0.006378 |
| 0.093655 | 0.124346 | 0.002653 | 0.005990 | 0.003951 | -0.003280 | -0.003280 | -0.001996 | -0.001996 | 3.353555e-04 | 3.353555e-04 | -0.002999 | -0.002999 | -0.003448 | -0.003448 | 2.178254e-02 | 2.178254e-02 | 0.048745 | 0.048745 | -0.000777 | -0.000777 | -0.043770 | -0.043770 | -0.043770 | -0.043770 | -0.043770 | -0.043770 | -0.043770 | -0.043770 | -0.043770 | -0.043770 | -0.043770 | -0.043770 | -0.042477 | -0.009794 | -0.011187 | -0.025218 | 0.007581 | 0.055527 | -0.012759 | 0.008234 | -0.015279 | -0.023131 | 0.004400 | 0.004216 | 0.003665 | 0.003950 | -0.008192 | 0.004692 | 0.022242 | 0.056396 | -0.069913 | 0.002340 | -0.003057 | -0.001986 | -0.002371 | -0.003265 | -0.001088 | -0.022638 | 0.000347 | -0.002327 |
| 0.0999 | 0.124346 | -0.005402 | -0.013465 | -0.010726 | -0.001064 | -0.001064 | -0.003033 | -0.003033 | -4.507650e-03 | -4.507650e-03 | -0.001601 | -0.001601 | -0.009882 | -0.009882 | -1.631996e-02 | -1.631996e-02 | -0.013044 | -0.013044 | 0.003457 | 0.003457 | -0.006407 | -0.006407 | -0.006407 | -0.006407 | -0.006407 | -0.006407 | -0.006407 | -0.006407 | -0.006407 | -0.006407 | -0.006407 | -0.006407 | 0.000931 | -0.017600 | -0.011951 | 0.007058 | 0.011807 | 0.006853 | 0.015726 | -0.009248 | 0.051030 | 0.004819 | 0.029835 | 0.008246 | 0.003044 | 0.000636 | -0.022016 | 0.009881 | 0.001556 | -0.036293 | 0.001872 | 0.000591 | -0.000617 | -0.010639 | -0.006463 | -0.004722 | -0.010485 | -0.031044 | -0.001905 | -0.011813 |
| 0.106144 | 0.124346 | 0.000249 | 0.007588 | 0.023792 | -0.003387 | -0.003387 | -0.015051 | -0.015051 | -4.209574e-02 | -4.209574e-02 | -0.015507 | -0.015507 | -0.003606 | -0.003606 | -2.781473e-03 | -2.781473e-03 | 0.045362 | 0.045362 | -0.047582 | -0.047582 | -0.024258 | -0.024258 | -0.024258 | -0.024258 | -0.024258 | -0.024258 | -0.024258 | -0.024258 | -0.024258 | -0.024258 | -0.024258 | -0.024258 | -0.059359 | -0.058804 | -0.025276 | -0.020499 | -0.044884 | -0.044128 | -0.004360 | 0.005604 | 0.038149 | -0.011482 | 0.003482 | 0.006846 | 0.006091 | -0.000953 | -0.003726 | -0.002485 | -0.003382 | 0.002848 | 0.006442 | 0.042731 | 0.005113 | 0.004456 | 0.005057 | 0.003296 | 0.007308 | 0.008429 | 0.008854 | 0.012714 |
| 0.112389 | 0.124346 | 0.006285 | -0.001599 | -0.002080 | -0.004369 | -0.004369 | -0.000931 | -0.000931 | -5.869734e-02 | -5.869734e-02 | -0.071780 | -0.071780 | 0.016736 | 0.016736 | 1.625504e-03 | 1.625504e-03 | -0.013645 | -0.013645 | 0.012703 | 0.012703 | 0.035672 | 0.035672 | 0.035672 | 0.035672 | 0.035672 | 0.035672 | 0.035672 | 0.035672 | 0.035672 | 0.035672 | 0.035672 | 0.035672 | -0.024405 | -0.083675 | 0.045199 | -0.054789 | 0.039660 | -0.032479 | -0.017042 | -0.007397 | -0.019207 | -0.041285 | -0.028162 | -0.007935 | -0.007312 | -0.004296 | -0.010691 | -0.003538 | 0.014180 | 0.004511 | -0.002566 | 0.000573 | 0.055432 | 0.006839 | 0.002799 | 0.008765 | 0.011942 | 0.018088 | 0.007329 | -0.005279 |
| 0.118634 | 0.124346 | -0.002944 | -0.026727 | 0.003905 | 0.008427 | 0.008427 | 0.014628 | 0.014628 | 4.166532e-02 | 4.166532e-02 | 0.001245 | 0.001245 | -0.022001 | -0.022001 | -4.049993e-02 | -4.049993e-02 | -0.000183 | -0.000183 | 0.010673 | 0.010673 | -0.011672 | -0.011672 | -0.011672 | -0.011672 | -0.011672 | -0.011672 | -0.011672 | -0.011672 | -0.011672 | -0.011672 | -0.011672 | -0.011672 | 0.003704 | -0.031084 | -0.026280 | -0.019438 | 0.017149 | 0.000150 | -0.018740 | -0.017747 | -0.012889 | -0.010338 | -0.056412 | -0.006200 | 0.043078 | 0.004683 | -0.002635 | -0.005486 | -0.035213 | 0.009264 | -0.013519 | -0.031735 | 0.009675 | -0.000280 | -0.000040 | -0.047639 | -0.001499 | 0.003964 | -0.008036 | 0.022528 |
| 0.124879 | 0.124346 | 0.010246 | 0.010807 | 0.055072 | -0.041267 | -0.041267 | -0.003678 | -0.003678 | -5.715443e-02 | -5.715443e-02 | -0.004225 | -0.004225 | -0.051327 | -0.051327 | -2.529066e-04 | -2.529066e-04 | -0.070093 | -0.070093 | 0.001827 | 0.001827 | -0.041471 | -0.041471 | -0.041471 | -0.041471 | -0.041471 | -0.041471 | -0.041471 | -0.041471 | -0.041471 | -0.041471 | -0.041471 | -0.041471 | -0.006028 | -0.007068 | -0.019636 | -0.017724 | -0.006942 | -0.057819 | -0.064051 | -0.035152 | -0.006466 | -0.006459 | -0.078664 | -0.007888 | -0.009170 | -0.011433 | -0.010061 | -0.013894 | -0.056764 | -0.010228 | 0.024083 | -0.024439 | -0.002925 | -0.045479 | 0.004068 | 0.013614 | -0.019149 | 0.010182 | 0.006212 | -0.017897 |
| 0.131123 | 0.124346 | 0.014942 | -0.023901 | 0.009183 | -0.026291 | -0.026291 | 0.006617 | 0.006617 | 5.211900e-04 | 5.211900e-04 | -0.006626 | -0.006626 | -0.005461 | -0.005461 | -5.224873e-03 | -5.224873e-03 | -0.016018 | -0.016018 | 0.009575 | 0.009575 | -0.011095 | -0.011095 | -0.011095 | -0.011095 | -0.011095 | -0.011095 | -0.011095 | -0.011095 | -0.011095 | -0.011095 | -0.011095 | -0.011095 | 0.014453 | 0.012257 | 0.030050 | -0.011530 | 0.001579 | 0.000380 | -0.047792 | -0.059038 | -0.010751 | -0.001542 | -0.036219 | -0.008669 | -0.041026 | -0.013514 | -0.007950 | -0.002002 | -0.024137 | -0.017729 | 0.022366 | -0.039568 | -0.032780 | -0.019732 | 0.013396 | 0.012076 | 0.014896 | 0.021423 | 0.001941 | -0.034920 |
| 0.137368 | 0.124346 | -0.000328 | -0.054874 | 0.023555 | 0.009131 | 0.009131 | 0.007564 | 0.007564 | -3.833395e-02 | -3.833395e-02 | 0.014733 | 0.014733 | 0.001363 | 0.001363 | -1.143356e-02 | -1.143356e-02 | -0.021994 | -0.021994 | 0.038580 | 0.038580 | 0.000799 | 0.000799 | 0.000799 | 0.000799 | 0.000799 | 0.000799 | 0.000799 | 0.000799 | 0.000799 | 0.000799 | 0.000799 | 0.000799 | 0.022813 | 0.008696 | -0.027902 | 0.002509 | -0.019571 | -0.004786 | -0.021855 | -0.010627 | -0.003475 | -0.006578 | 0.000378 | -0.005161 | -0.012833 | -0.034934 | -0.007121 | -0.009852 | -0.007647 | -0.008923 | -0.002417 | -0.016256 | -0.011573 | -0.005387 | 0.004176 | -0.044187 | -0.011902 | -0.008104 | -0.003744 | 0.001768 |
| 0.143613 | 0.124346 | -0.006800 | 0.002592 | 0.004731 | 0.003274 | 0.003274 | 0.013551 | 0.013551 | -1.414791e-02 | -1.414791e-02 | 0.002200 | 0.002200 | 0.035177 | 0.035177 | -2.426758e-02 | -2.426758e-02 | -0.024588 | -0.024588 | 0.007771 | 0.007771 | 0.003534 | 0.003534 | 0.003534 | 0.003534 | 0.003534 | 0.003534 | 0.003534 | 0.003534 | 0.003534 | 0.003534 | 0.003534 | 0.003534 | -0.000402 | 0.004796 | -0.012237 | -0.010360 | -0.015714 | -0.004585 | -0.012350 | -0.008500 | -0.003446 | -0.004540 | -0.001799 | -0.010178 | -0.022361 | -0.018424 | -0.004697 | -0.005545 | -0.010017 | -0.001298 | -0.012315 | -0.007554 | -0.007223 | -0.014737 | -0.002549 | -0.027600 | 0.002115 | -0.014583 | -0.002827 | 0.004700 |
| 0.149858 | 0.124346 | -0.014941 | 0.011419 | -0.006238 | 0.002413 | 0.002413 | 0.004611 | 0.004611 | -1.352477e-02 | -1.352477e-02 | 0.003433 | 0.003433 | 0.010658 | 0.010658 | -1.158085e-02 | -1.158085e-02 | -0.004097 | -0.004097 | -0.000243 | -0.000243 | -0.006272 | -0.006272 | -0.006272 | -0.006272 | -0.006272 | -0.006272 | -0.006272 | -0.006272 | -0.006272 | -0.006272 | -0.006272 | -0.006272 | -0.003819 | 0.005795 | -0.007843 | -0.021361 | -0.027336 | -0.007905 | -0.016990 | -0.009520 | -0.000897 | -0.000475 | -0.002283 | -0.010530 | -0.007493 | 0.013566 | -0.013854 | 0.003623 | -0.018527 | 0.012554 | -0.025863 | -0.003457 | -0.003989 | -0.020499 | -0.005260 | -0.013337 | -0.013887 | -0.018215 | -0.013688 | 0.005825 |
| 0.156102 | 0.124346 | -0.036980 | 0.000498 | -0.034964 | 0.004268 | 0.004268 | 0.004667 | 0.004667 | -1.332250e-02 | -1.332250e-02 | 0.011570 | 0.011570 | -0.009839 | -0.009839 | -8.381147e-03 | -8.381147e-03 | 0.001157 | 0.001157 | -0.008882 | -0.008882 | -0.007930 | -0.007930 | -0.007930 | -0.007930 | -0.007930 | -0.007930 | -0.007930 | -0.007930 | -0.007930 | -0.007930 | -0.007930 | -0.007930 | -0.005518 | 0.000268 | -0.001043 | -0.029454 | -0.006634 | -0.009208 | -0.031560 | -0.007356 | 0.000669 | -0.001561 | -0.000997 | -0.003868 | 0.001632 | 0.010553 | -0.011327 | 0.001123 | 0.003485 | 0.009444 | -0.019415 | -0.000229 | -0.001650 | -0.027934 | -0.007230 | -0.007934 | -0.016151 | -0.012293 | -0.014428 | 0.003760 |
| 0.162347 | 0.124346 | -0.033564 | -0.001652 | 0.000193 | 0.012396 | 0.012396 | -0.000593 | -0.000593 | -1.918788e-02 | -1.918788e-02 | 0.004903 | 0.004903 | -0.009896 | -0.009896 | -1.182641e-02 | -1.182641e-02 | 0.001760 | 0.001760 | -0.006972 | -0.006972 | -0.012688 | -0.012688 | -0.012688 | -0.012688 | -0.012688 | -0.012688 | -0.012688 | -0.012688 | -0.012688 | -0.012688 | -0.012688 | -0.012688 | -0.009480 | -0.002733 | 0.003285 | -0.037150 | -0.004969 | -0.013368 | -0.023608 | -0.010660 | -0.000209 | -0.002711 | 0.003815 | -0.001699 | 0.007582 | 0.005235 | -0.001321 | -0.005936 | -0.002361 | 0.006985 | 0.004008 | 0.000640 | -0.000154 | -0.028779 | -0.011593 | -0.002642 | -0.015992 | -0.017189 | -0.019810 | 0.005568 |
| 0.164184 | 0.119883 | -0.025779 | -0.001679 | 0.007315 | 0.038762 | 0.038762 | -0.001262 | -0.001262 | -3.261627e-02 | -3.261627e-02 | 0.002540 | 0.002540 | 0.000096 | 0.000096 | -1.278340e-02 | -1.278340e-02 | 0.000796 | 0.000796 | 0.001377 | 0.001377 | -0.014538 | -0.014538 | -0.014538 | -0.014538 | -0.014538 | -0.014538 | -0.014538 | -0.014538 | -0.014538 | -0.014538 | -0.014538 | -0.014538 | -0.010944 | -0.002321 | 0.004625 | -0.035430 | -0.000925 | -0.025673 | 0.000235 | 0.002714 | 0.001795 | 0.000601 | 0.007605 | 0.002433 | 0.020574 | 0.002644 | -0.000824 | -0.008655 | -0.025019 | 0.013238 | -0.002175 | 0.001704 | 0.004134 | -0.009346 | -0.002370 | 0.001364 | -0.006673 | -0.026616 | -0.040600 | 0.008205 |
| 0.164261 | 0.113639 | 0.000341 | -0.001818 | -0.022181 | 0.000193 | 0.000193 | -0.001643 | -0.001643 | -1.879922e-04 | -1.879922e-04 | -0.000720 | -0.000720 | -0.001494 | -0.001494 | -1.547169e-03 | -1.547169e-03 | -0.000112 | -0.000112 | 0.003288 | 0.003288 | -0.001351 | -0.001351 | -0.001351 | -0.001351 | -0.001351 | -0.001351 | -0.001351 | -0.001351 | -0.001351 | -0.001351 | -0.001351 | -0.001351 | 0.000254 | -0.000263 | 0.000805 | 0.000028 | 0.000999 | -0.000509 | 0.001335 | 0.000462 | -0.009293 | 0.000564 | 0.001650 | 0.000220 | 0.020234 | 0.000467 | 0.003600 | -0.000096 | -0.034480 | 0.044795 | 0.004087 | 0.002752 | 0.002717 | 0.002465 | 0.003879 | 0.002094 | 0.001837 | 0.004301 | 0.003606 | 0.003682 |
| 0.164338 | 0.107395 | 0.000272 | 0.000123 | -0.000746 | -0.003777 | -0.003777 | -0.000840 | -0.000840 | -9.341698e-04 | -9.341698e-04 | -0.000106 | -0.000106 | -0.002034 | -0.002034 | -5.986638e-04 | -5.986638e-04 | -0.001493 | -0.001493 | -0.001323 | -0.001323 | -0.000077 | -0.000077 | -0.000077 | -0.000077 | -0.000077 | -0.000077 | -0.000077 | -0.000077 | -0.000077 | -0.000077 | -0.000077 | -0.000077 | -0.001083 | 0.000316 | 0.000379 | 0.000969 | 0.002849 | 0.000504 | 0.002573 | 0.000479 | 0.001791 | 0.002648 | 0.001333 | 0.002072 | 0.001257 | 0.001483 | 0.003919 | 0.001961 | 0.003624 | 0.002424 | 0.001126 | 0.001954 | 0.002231 | 0.002575 | 0.002102 | 0.002043 | 0.002863 | 0.003246 | 0.004794 | 0.001696 |
| 0.164416 | 0.10115 | -0.001648 | -0.001524 | -0.001449 | -0.000721 | -0.000721 | -0.001303 | -0.001303 | -1.570609e-03 | -1.570609e-03 | -0.000141 | -0.000141 | -0.000183 | -0.000183 | -1.652630e-03 | -1.652630e-03 | -0.001797 | -0.001797 | -0.000465 | -0.000465 | 0.001572 | 0.001572 | 0.001572 | 0.001572 | 0.001572 | 0.001572 | 0.001572 | 0.001572 | 0.001572 | 0.001572 | 0.001572 | 0.001572 | 0.000884 | 0.001465 | 0.000730 | 0.002281 | 0.001334 | 0.001200 | 0.001988 | 0.001257 | 0.001539 | 0.002247 | 0.001925 | 0.002467 | 0.001800 | 0.001245 | 0.000714 | 0.002087 | 0.001430 | 0.002576 | 0.001660 | 0.001969 | 0.001926 | 0.001320 | 0.002361 | 0.002465 | 0.002838 | 0.002622 | 0.003655 | 0.002929 |
| 0.164493 | 0.094906 | -0.001555 | -0.000470 | -0.001208 | -0.000588 | -0.000588 | -0.000908 | -0.000908 | -4.836456e-04 | -4.836456e-04 | -0.001673 | -0.001673 | -0.001382 | -0.001382 | -3.698459e-04 | -3.698459e-04 | -0.001207 | -0.001207 | -0.001717 | -0.001717 | 0.002066 | 0.002066 | 0.002066 | 0.002066 | 0.002066 | 0.002066 | 0.002066 | 0.002066 | 0.002066 | 0.002066 | 0.002066 | 0.002066 | 0.001793 | 0.001494 | 0.001601 | 0.001442 | 0.000909 | 0.001493 | 0.000746 | 0.003728 | 0.001743 | 0.003138 | 0.001137 | 0.001001 | 0.002284 | 0.001280 | 0.002716 | 0.002329 | 0.001902 | 0.001849 | 0.001665 | 0.002777 | 0.001836 | 0.003701 | 0.001629 | 0.003960 | 0.002154 | 0.001486 | 0.003200 | 0.002476 |
| 0.16457 | 0.088662 | -0.000572 | -0.001156 | -0.001616 | -0.000763 | -0.000763 | -0.000839 | -0.000839 | -7.592451e-05 | -7.592451e-05 | -0.000335 | -0.000335 | -0.000796 | -0.000796 | -1.363331e-03 | -1.363331e-03 | 0.000752 | 0.000752 | -0.000647 | -0.000647 | 0.000925 | 0.000925 | 0.000925 | 0.000925 | 0.000925 | 0.000925 | 0.000925 | 0.000925 | 0.000925 | 0.000925 | 0.000925 | 0.000925 | 0.001285 | 0.001269 | 0.001806 | 0.001272 | 0.000880 | 0.001538 | 0.000073 | 0.002144 | 0.002901 | 0.000839 | 0.001145 | 0.001731 | 0.002012 | 0.001560 | 0.002076 | 0.002245 | 0.002453 | 0.001897 | 0.003123 | 0.003178 | 0.002097 | 0.002180 | 0.002787 | 0.002382 | 0.003730 | 0.003741 | 0.003340 | 0.002119 |
| 0.164648 | 0.082418 | -0.001406 | -0.002467 | -0.000711 | -0.000793 | -0.000793 | -0.000410 | -0.000410 | 6.098686e-04 | 6.098686e-04 | -0.000250 | -0.000250 | -0.000106 | -0.000106 | 9.958844e-04 | 9.958844e-04 | 0.000436 | 0.000436 | 0.000685 | 0.000685 | 0.001540 | 0.001540 | 0.001540 | 0.001540 | 0.001540 | 0.001540 | 0.001540 | 0.001540 | 0.001540 | 0.001540 | 0.001540 | 0.001540 | 0.001371 | 0.001189 | 0.000602 | 0.000368 | 0.000649 | 0.001418 | 0.001715 | 0.001011 | 0.001436 | 0.000967 | 0.003172 | 0.000244 | 0.000628 | 0.002674 | 0.002511 | 0.002707 | 0.002567 | 0.002557 | 0.002848 | 0.002398 | 0.002119 | 0.001893 | 0.003179 | 0.003038 | 0.002634 | 0.003088 | 0.001416 | 0.001884 |
| 0.164725 | 0.076173 | -0.000140 | -0.000966 | -0.000638 | -0.000516 | -0.000516 | 0.000413 | 0.000413 | -1.966523e-04 | -1.966523e-04 | 0.000930 | 0.000930 | 0.000458 | 0.000458 | 1.492017e-03 | 1.492017e-03 | 0.000890 | 0.000890 | 0.000632 | 0.000632 | 0.001087 | 0.001087 | 0.001087 | 0.001087 | 0.001087 | 0.001087 | 0.001087 | 0.001087 | 0.001087 | 0.001087 | 0.001087 | 0.001087 | 0.000999 | 0.000821 | 0.000963 | 0.001283 | 0.002205 | 0.001525 | 0.001002 | 0.001862 | 0.001743 | 0.002513 | 0.002200 | 0.002396 | 0.002233 | 0.002237 | 0.002157 | 0.002771 | 0.002109 | 0.001639 | 0.002328 | 0.003191 | 0.001494 | 0.000562 | 0.002283 | 0.002338 | 0.002619 | 0.001918 | 0.001493 | 0.000841 |
| 0.164802 | 0.069929 | -0.000147 | -0.000380 | 0.000074 | 0.000730 | 0.000730 | 0.000406 | 0.000406 | 5.351823e-04 | 5.351823e-04 | -0.000040 | -0.000040 | 0.000588 | 0.000588 | 7.134049e-04 | 7.134049e-04 | 0.000276 | 0.000276 | -0.000164 | -0.000164 | 0.001502 | 0.001502 | 0.001502 | 0.001502 | 0.001502 | 0.001502 | 0.001502 | 0.001502 | 0.001502 | 0.001502 | 0.001502 | 0.001502 | 0.000279 | 0.002122 | 0.000893 | 0.002253 | 0.001900 | 0.002253 | 0.001995 | 0.002134 | 0.001974 | 0.002160 | 0.003536 | 0.001045 | 0.001556 | 0.000425 | 0.001291 | 0.001722 | 0.001838 | 0.001810 | 0.001454 | 0.001492 | 0.001318 | 0.000522 | 0.000911 | 0.000562 | 0.000753 | 0.001803 | -0.000705 | 0.000435 |
| 0.164879 | 0.063685 | -0.000523 | -0.000050 | -0.000735 | 0.000449 | 0.000449 | -0.000074 | -0.000074 | 9.636191e-05 | 9.636191e-05 | -0.000917 | -0.000917 | 0.001572 | 0.001572 | 8.785366e-04 | 8.785366e-04 | 0.000659 | 0.000659 | -0.000421 | -0.000421 | 0.001654 | 0.001654 | 0.001654 | 0.001654 | 0.001654 | 0.001654 | 0.001654 | 0.001654 | 0.001654 | 0.001654 | 0.001654 | 0.001654 | 0.001952 | 0.000414 | 0.000305 | 0.001020 | 0.001626 | 0.001368 | 0.000885 | 0.000881 | 0.001476 | 0.001454 | 0.000622 | 0.001005 | 0.001097 | 0.000272 | 0.001350 | 0.000968 | 0.000061 | 0.000371 | 0.000458 | -0.000189 | 0.000519 | -0.000049 | 0.000539 | 0.000185 | 0.000041 | -0.000038 | 0.000340 | 0.000221 |
| 0.164957 | 0.057441 | 0.000420 | 0.000427 | -0.001435 | -0.000199 | -0.000199 | -0.000779 | -0.000779 | -7.874558e-05 | -7.874558e-05 | 0.000136 | 0.000136 | 0.000514 | 0.000514 | -1.791240e-04 | -1.791240e-04 | 0.001089 | 0.001089 | 0.000438 | 0.000438 | 0.000928 | 0.000928 | 0.000928 | 0.000928 | 0.000928 | 0.000928 | 0.000928 | 0.000928 | 0.000928 | 0.000928 | 0.000928 | 0.000928 | 0.000156 | 0.001677 | 0.000762 | 0.000100 | 0.000821 | 0.000557 | 0.000288 | 0.000398 | 0.000851 | 0.000233 | -0.000028 | 0.000950 | -0.000833 | -0.000413 | -0.000505 | 0.000401 | -0.000384 | 0.000305 | -0.000157 | -0.000320 | -0.000800 | 0.001063 | -0.000071 | -0.000908 | -0.000444 | -0.000296 | -0.000139 | 0.000074 |
| 0.165034 | 0.051196 | -0.000331 | -0.000403 | -0.000481 | 0.000281 | 0.000281 | -0.001058 | -0.001058 | 1.688980e-03 | 1.688980e-03 | -0.000192 | -0.000192 | 0.000029 | 0.000029 | 9.009543e-05 | 9.009543e-05 | 0.001179 | 0.001179 | 0.001012 | 0.001012 | -0.000007 | -0.000007 | -0.000007 | -0.000007 | -0.000007 | -0.000007 | -0.000007 | -0.000007 | -0.000007 | -0.000007 | -0.000007 | -0.000007 | -0.000458 | 0.000924 | 0.000935 | 0.000284 | -0.000769 | 0.000141 | 0.000133 | 0.000186 | -0.000090 | 0.000224 | 0.000019 | -0.000003 | -0.000498 | 0.000565 | -0.000713 | 0.000033 | -0.000609 | 0.000248 | 0.000187 | 0.000425 | 0.000992 | -0.001114 | 0.001246 | 0.000600 | -0.000622 | 0.000995 | 0.001055 | -0.000205 |
| 0.159604 | 0.050406 | -0.000297 | -0.000365 | -0.000530 | 0.000422 | 0.000422 | -0.001249 | -0.001249 | 1.995805e-03 | 1.995805e-03 | -0.002338 | -0.002338 | -0.000105 | -0.000105 | 3.664051e-04 | 3.664051e-04 | -0.000399 | -0.000399 | 0.000469 | 0.000469 | 0.000758 | 0.000758 | 0.000758 | 0.000758 | 0.000758 | 0.000758 | 0.000758 | 0.000758 | 0.000758 | 0.000758 | 0.000758 | 0.000758 | 0.000255 | -0.001180 | -0.000359 | -0.001777 | -0.000506 | -0.001562 | -0.001518 | -0.000245 | -0.000290 | -0.002535 | -0.001110 | -0.002256 | -0.000206 | -0.000724 | -0.001893 | -0.000761 | -0.000774 | -0.000355 | -0.001823 | -0.000420 | -0.001023 | -0.001208 | -0.031631 | 0.000058 | -0.002019 | -0.001508 | -0.000874 | -0.001314 |
| 0.153359 | 0.050423 | -0.001967 | -0.002062 | 0.000229 | -0.001159 | -0.001159 | 0.000091 | 0.000091 | -3.185374e-04 | -3.185374e-04 | -0.000307 | -0.000307 | 0.000245 | 0.000245 | 5.214133e-04 | 5.214133e-04 | -0.000358 | -0.000358 | -0.000558 | -0.000558 | -0.000883 | -0.000883 | -0.000883 | -0.000883 | -0.000883 | -0.000883 | -0.000883 | -0.000883 | -0.000883 | -0.000883 | -0.000883 | -0.000883 | -0.002207 | -0.002343 | -0.002034 | -0.003003 | -0.003049 | -0.003794 | -0.003484 | -0.003343 | -0.003398 | -0.003089 | -0.003314 | -0.004578 | -0.003328 | -0.005920 | -0.004934 | -0.003893 | -0.004230 | -0.004030 | -0.005529 | -0.004526 | -0.003974 | -0.002957 | -0.000278 | -0.002984 | -0.002008 | -0.002186 | -0.003742 | -0.001286 |
| 0.147114 | 0.05044 | -0.000440 | 0.000359 | -0.000763 | -0.000297 | -0.000297 | 0.001445 | 0.001445 | -6.136222e-04 | -6.136222e-04 | -0.000379 | -0.000379 | 0.000353 | 0.000353 | -2.583695e-02 | -2.583695e-02 | -0.003346 | -0.003346 | -0.001618 | -0.001618 | -0.003004 | -0.003004 | -0.003004 | -0.003004 | -0.003004 | -0.003004 | -0.003004 | -0.003004 | -0.003004 | -0.003004 | -0.003004 | -0.003004 | -0.004075 | -0.002945 | -0.005130 | -0.004331 | -0.005836 | -0.005772 | -0.006601 | -0.006137 | -0.006897 | -0.007721 | -0.007010 | -0.008596 | -0.008894 | -0.008688 | -0.009304 | -0.009051 | -0.014369 | -0.011324 | -0.014059 | -0.008335 | -0.018306 | -0.017736 | -0.019920 | -0.006376 | -0.005155 | -0.002369 | 0.002900 | -0.000061 |
| 0.14087 | 0.050456 | 0.001863 | 0.001874 | 0.002031 | 0.000157 | 0.000157 | 0.000024 | 0.000024 | -3.645047e-02 | -3.645047e-02 | -0.000801 | -0.000801 | -0.000836 | -0.000836 | -2.321199e-04 | -2.321199e-04 | -0.001626 | -0.001626 | -0.000610 | -0.000610 | -0.006088 | -0.006088 | -0.006088 | -0.006088 | -0.006088 | -0.006088 | -0.006088 | -0.006088 | -0.006088 | -0.006088 | -0.006088 | -0.006088 | -0.005789 | -0.007287 | -0.007027 | -0.008972 | -0.006705 | -0.008771 | -0.009295 | -0.009789 | -0.007580 | -0.009072 | -0.007952 | -0.008785 | -0.010669 | -0.012043 | -0.013211 | -0.013868 | -0.012940 | -0.036198 | -0.016010 | -0.023784 | -0.014030 | -0.018653 | -0.008947 | -0.011754 | 0.010931 | -0.009383 | 0.005186 | -0.000070 |
| 0.134625 | 0.050473 | -0.011207 | 0.001272 | 0.001545 | -0.000424 | -0.000424 | 0.000435 | 0.000435 | -9.883228e-04 | -9.883228e-04 | -0.002277 | -0.002277 | -0.003076 | -0.003076 | -2.969720e-03 | -2.969720e-03 | -0.053901 | -0.053901 | -0.003176 | -0.003176 | -0.020030 | -0.020030 | -0.020030 | -0.020030 | -0.020030 | -0.020030 | -0.020030 | -0.020030 | -0.020030 | -0.020030 | -0.020030 | -0.020030 | -0.008601 | -0.011389 | -0.011189 | 0.007777 | -0.003084 | -0.012411 | -0.010944 | -0.013060 | -0.016177 | -0.004123 | -0.005446 | -0.003788 | -0.006977 | -0.009506 | -0.055875 | -0.001945 | 0.006036 | -0.008319 | -0.005699 | -0.009292 | -0.011283 | -0.008736 | 0.001281 | 0.074260 | 0.049614 | -0.001744 | 0.002203 | 0.000348 |
| 0.12838 | 0.050489 | 0.005099 | -0.010713 | 0.004863 | -0.012069 | -0.012069 | -0.032418 | -0.032418 | -9.901902e-03 | -9.901902e-03 | -0.008342 | -0.008342 | -0.011118 | -0.011118 | -1.187559e-02 | -1.187559e-02 | -0.012730 | -0.012730 | -0.000417 | -0.000417 | -0.019279 | -0.019279 | -0.019279 | -0.019279 | -0.019279 | -0.019279 | -0.019279 | -0.019279 | -0.019279 | -0.019279 | -0.019279 | -0.019279 | -0.007363 | -0.030558 | -0.006320 | -0.008281 | 0.010138 | -0.012386 | -0.004124 | -0.029306 | -0.004404 | -0.036645 | 0.000120 | 0.018318 | -0.061330 | -0.013374 | 0.011613 | 0.001456 | 0.018482 | 0.013517 | 0.008507 | 0.029523 | 0.004253 | 0.039376 | -0.003650 | 0.008604 | 0.007337 | -0.002296 | -0.030253 | -0.000807 |
| 0.122136 | 0.050506 | 0.002140 | 0.000247 | -0.001428 | 0.000615 | 0.000615 | 0.049193 | 0.049193 | -1.225541e-02 | -1.225541e-02 | -0.005616 | -0.005616 | -0.004362 | -0.004362 | -1.872982e-03 | -1.872982e-03 | -0.008217 | -0.008217 | -0.005660 | -0.005660 | 0.011280 | 0.011280 | 0.011280 | 0.011280 | 0.011280 | 0.011280 | 0.011280 | 0.011280 | 0.011280 | 0.011280 | 0.011280 | 0.011280 | 0.015132 | 0.012308 | 0.009547 | 0.021940 | 0.009542 | 0.007363 | 0.006777 | 0.007456 | 0.006016 | 0.003200 | 0.011422 | 0.013988 | 0.015141 | 0.022516 | 0.002383 | 0.018527 | 0.020922 | 0.014183 | 0.006584 | 0.006264 | 0.005275 | 0.004854 | 0.000268 | 0.002482 | 0.008162 | -0.000481 | -0.020259 | 0.054158 |
| 0.115891 | 0.050523 | -0.010549 | 0.008948 | 0.012528 | 0.008839 | 0.008839 | -0.000414 | -0.000414 | -3.587783e-03 | -3.587783e-03 | -0.003427 | -0.003427 | -0.000948 | -0.000948 | -5.958005e-03 | -5.958005e-03 | 0.032805 | 0.032805 | -0.001098 | -0.001098 | 0.032934 | 0.032934 | 0.032934 | 0.032934 | 0.032934 | 0.032934 | 0.032934 | 0.032934 | 0.032934 | 0.032934 | 0.032934 | 0.032934 | 0.020791 | 0.017878 | 0.014229 | 0.015531 | 0.015416 | 0.015670 | 0.015728 | 0.017839 | 0.025281 | 0.029840 | 0.045715 | 0.018312 | 0.008634 | -0.024026 | 0.022958 | 0.018003 | 0.012820 | 0.009070 | 0.005223 | 0.005841 | 0.083293 | 0.006279 | 0.005285 | 0.003208 | -0.002043 | -0.002179 | -0.003468 | -0.017526 |
| 0.109646 | 0.050539 | 0.015824 | 0.018796 | 0.017964 | 0.029513 | 0.029513 | 0.022965 | 0.022965 | 2.273871e-02 | 2.273871e-02 | 0.064754 | 0.064754 | 0.021007 | 0.021007 | 1.772842e-02 | 1.772842e-02 | 0.018246 | 0.018246 | 0.018306 | 0.018306 | 0.021910 | 0.021910 | 0.021910 | 0.021910 | 0.021910 | 0.021910 | 0.021910 | 0.021910 | 0.021910 | 0.021910 | 0.021910 | 0.021910 | 0.021050 | 0.020499 | 0.022472 | 0.021743 | 0.022444 | 0.024247 | 0.021030 | 0.021482 | 0.024625 | 0.021266 | 0.015975 | 0.018761 | -0.050479 | 0.007530 | 0.041326 | 0.016217 | -0.006110 | 0.008680 | 0.061007 | 0.017812 | -0.050944 | -0.010122 | -0.003907 | 0.040306 | -0.005303 | -0.000903 | 0.003744 | 0.011857 |
| 0.103401 | 0.050556 | 0.013862 | 0.011887 | 0.016665 | 0.022343 | 0.022343 | -0.012257 | -0.012257 | 1.934876e-02 | 1.934876e-02 | 0.016203 | 0.016203 | 0.020362 | 0.020362 | 1.895231e-02 | 1.895231e-02 | 0.018872 | 0.018872 | 0.020604 | 0.020604 | 0.019376 | 0.019376 | 0.019376 | 0.019376 | 0.019376 | 0.019376 | 0.019376 | 0.019376 | 0.019376 | 0.019376 | 0.019376 | 0.019376 | 0.018878 | 0.019428 | 0.018972 | 0.018592 | 0.023344 | 0.018697 | 0.017737 | 0.019669 | 0.017897 | 0.019732 | 0.017555 | -0.012735 | -0.012204 | 0.014902 | 0.023552 | 0.012135 | 0.008111 | 0.005458 | 0.007077 | 0.006763 | 0.043462 | -0.012120 | 0.005821 | 0.026094 | 0.011974 | 0.013335 | 0.011853 | 0.011670 |
| 0.097157 | 0.050572 | 0.010926 | 0.014302 | 0.012640 | 0.010975 | 0.010975 | 0.012985 | 0.012985 | 1.486465e-02 | 1.486465e-02 | 0.015695 | 0.015695 | 0.015249 | 0.015249 | 1.054601e-02 | 1.054601e-02 | 0.014724 | 0.014724 | 0.017211 | 0.017211 | 0.015609 | 0.015609 | 0.015609 | 0.015609 | 0.015609 | 0.015609 | 0.015609 | 0.015609 | 0.015609 | 0.015609 | 0.015609 | 0.015609 | 0.016156 | 0.017024 | 0.016035 | 0.017943 | 0.017223 | 0.016872 | 0.015371 | 0.015300 | 0.014283 | 0.015277 | 0.014680 | 0.013867 | 0.013591 | 0.013321 | 0.014623 | 0.013773 | 0.013510 | 0.013850 | 0.011969 | 0.010669 | 0.012099 | 0.011945 | 0.012804 | 0.013160 | 0.011587 | 0.014794 | 0.015332 | 0.014608 |
| 0.090912 | 0.050589 | 0.009606 | 0.010140 | 0.012859 | 0.010140 | 0.010140 | 0.006098 | 0.006098 | 4.615914e-02 | 4.615914e-02 | 0.013507 | 0.013507 | 0.015493 | 0.015493 | 1.212093e-02 | 1.212093e-02 | 0.014631 | 0.014631 | 0.013517 | 0.013517 | 0.013083 | 0.013083 | 0.013083 | 0.013083 | 0.013083 | 0.013083 | 0.013083 | 0.013083 | 0.013083 | 0.013083 | 0.013083 | 0.013083 | 0.013419 | 0.015125 | 0.012518 | 0.013566 | 0.015067 | 0.017970 | 0.012842 | 0.015025 | 0.014722 | 0.012124 | 0.013885 | 0.013019 | 0.012128 | 0.012271 | 0.014032 | 0.012623 | 0.011489 | 0.013601 | 0.011766 | 0.011645 | 0.013318 | 0.013733 | 0.012760 | 0.015554 | 0.013330 | 0.015345 | 0.017435 | 0.014338 |
| 0.084667 | 0.050606 | 0.012152 | 0.012235 | 0.008912 | 0.011097 | 0.011097 | 0.011756 | 0.011756 | 1.147878e-02 | 1.147878e-02 | 0.013447 | 0.013447 | 0.012335 | 0.012335 | 1.282925e-02 | 1.282925e-02 | 0.010218 | 0.010218 | 0.016340 | 0.016340 | 0.012435 | 0.012435 | 0.012435 | 0.012435 | 0.012435 | 0.012435 | 0.012435 | 0.012435 | 0.012435 | 0.012435 | 0.012435 | 0.012435 | 0.011233 | 0.014145 | 0.012913 | 0.014197 | 0.012660 | 0.012400 | 0.012190 | 0.010648 | 0.010775 | 0.012517 | 0.010501 | 0.010466 | 0.016164 | 0.013338 | 0.011879 | 0.013465 | 0.010442 | 0.012606 | 0.011310 | 0.012125 | 0.013135 | 0.013200 | 0.011644 | 0.012316 | 0.014440 | 0.015109 | 0.013305 | 0.012678 |
| 0.078962 | 0.051153 | 0.008965 | 0.012392 | 0.009876 | 0.011670 | 0.011670 | 0.011561 | 0.011561 | 1.261009e-02 | 1.261009e-02 | 0.010376 | 0.010376 | 0.009801 | 0.009801 | -8.180024e-03 | -8.180024e-03 | 0.012922 | 0.012922 | 0.013140 | 0.013140 | 0.014291 | 0.014291 | 0.014291 | 0.014291 | 0.014291 | 0.014291 | 0.014291 | 0.014291 | 0.014291 | 0.014291 | 0.014291 | 0.014291 | 0.006828 | 0.006762 | 0.009521 | 0.009137 | -0.032194 | 0.011223 | 0.010347 | 0.011644 | 0.011539 | 0.011753 | 0.009672 | 0.040382 | 0.023894 | 0.011966 | 0.009558 | 0.009878 | 0.010338 | 0.010808 | 0.010583 | 0.011497 | 0.011277 | 0.012057 | 0.011614 | 0.011630 | 0.012198 | 0.012719 | 0.012947 | 0.010885 |
| 0.079046 | 0.057397 | 0.008370 | 0.008184 | 0.008627 | 0.009817 | 0.009817 | 0.009437 | 0.009437 | 2.083578e-03 | 2.083578e-03 | 0.010342 | 0.010342 | 0.009978 | 0.009978 | 8.476763e-03 | 8.476763e-03 | 0.009783 | 0.009783 | 0.010290 | 0.010290 | 0.010872 | 0.010872 | 0.010872 | 0.010872 | 0.010872 | 0.010872 | 0.010872 | 0.010872 | 0.010872 | 0.010872 | 0.010872 | 0.010872 | 0.010156 | 0.010257 | 0.010504 | 0.010654 | 0.009681 | 0.010849 | 0.009204 | 0.010334 | 0.011814 | 0.009792 | 0.012041 | 0.011505 | 0.009784 | 0.011046 | 0.010278 | 0.010352 | 0.010950 | 0.011656 | 0.009922 | 0.010958 | 0.011499 | 0.010309 | 0.012509 | 0.012243 | 0.010115 | 0.010980 | 0.010749 | 0.011070 |
| 0.07913 | 0.063641 | 0.008314 | 0.006289 | 0.008050 | 0.007562 | 0.007562 | 0.007451 | 0.007451 | 8.208735e-03 | 8.208735e-03 | 0.008210 | 0.008210 | 0.007420 | 0.007420 | 8.390037e-03 | 8.390037e-03 | 0.007409 | 0.007409 | 0.008391 | 0.008391 | 0.009941 | 0.009941 | 0.009941 | 0.009941 | 0.009941 | 0.009941 | 0.009941 | 0.009941 | 0.009941 | 0.009941 | 0.009941 | 0.009941 | 0.009884 | 0.009823 | 0.010272 | 0.009035 | 0.009836 | 0.009747 | 0.009482 | 0.009630 | 0.010940 | 0.009186 | 0.009893 | 0.008059 | 0.010759 | 0.010125 | 0.010392 | 0.008992 | 0.010481 | 0.008820 | 0.011263 | 0.009981 | 0.010228 | 0.009714 | 0.010606 | 0.009630 | 0.008264 | 0.010261 | 0.010585 | 0.009379 |
| 0.079214 | 0.069886 | 0.004327 | 0.005747 | 0.006587 | 0.005753 | 0.005753 | 0.006369 | 0.006369 | 7.516627e-03 | 7.516627e-03 | 0.006835 | 0.006835 | 0.006768 | 0.006768 | 5.477114e-03 | 5.477114e-03 | 0.009029 | 0.009029 | 0.007886 | 0.007886 | 0.007976 | 0.007976 | 0.007976 | 0.007976 | 0.007976 | 0.007976 | 0.007976 | 0.007976 | 0.007976 | 0.007976 | 0.007976 | 0.007976 | 0.008803 | 0.009089 | 0.007505 | 0.009079 | 0.009539 | 0.006759 | 0.008823 | 0.008184 | 0.009667 | 0.009458 | 0.009269 | 0.008721 | 0.009290 | 0.009405 | 0.009576 | 0.008411 | 0.008520 | 0.007827 | 0.009849 | 0.009395 | 0.008820 | 0.009122 | 0.009255 | 0.008862 | 0.010259 | 0.008918 | 0.009662 | 0.009339 |
| 0.079298 | 0.07613 | 0.004212 | 0.003538 | 0.004626 | 0.005509 | 0.005509 | 0.004708 | 0.004708 | 5.880986e-03 | 5.880986e-03 | 0.005207 | 0.005207 | 0.006874 | 0.006874 | 6.318577e-03 | 6.318577e-03 | 0.006221 | 0.006221 | 0.006234 | 0.006234 | 0.006306 | 0.006306 | 0.006306 | 0.006306 | 0.006306 | 0.006306 | 0.006306 | 0.006306 | 0.006306 | 0.006306 | 0.006306 | 0.006306 | 0.006939 | 0.007195 | 0.007060 | 0.007178 | 0.007339 | 0.007635 | 0.007228 | 0.006652 | 0.008296 | 0.009084 | 0.006848 | 0.007730 | 0.007473 | 0.007933 | 0.008141 | 0.008245 | 0.007327 | 0.008310 | 0.009061 | 0.008454 | 0.007089 | 0.007042 | 0.009166 | 0.007224 | 0.008574 | 0.007222 | 0.007949 | 0.007975 |
| 0.079382 | 0.082374 | 0.004108 | 0.004091 | 0.003685 | 0.004752 | 0.004752 | 0.003288 | 0.003288 | 4.000884e-03 | 4.000884e-03 | 0.003918 | 0.003918 | 0.004759 | 0.004759 | 5.889725e-03 | 5.889725e-03 | 0.003953 | 0.003953 | 0.005819 | 0.005819 | 0.005022 | 0.005022 | 0.005022 | 0.005022 | 0.005022 | 0.005022 | 0.005022 | 0.005022 | 0.005022 | 0.005022 | 0.005022 | 0.005022 | 0.006772 | 0.005210 | 0.005534 | 0.004688 | 0.006614 | 0.005180 | 0.005682 | 0.006102 | 0.006751 | 0.007510 | 0.006661 | 0.006633 | 0.006429 | 0.005939 | 0.006729 | 0.005425 | 0.004583 | 0.006925 | 0.006268 | 0.006084 | 0.006551 | 0.005495 | 0.007299 | 0.007121 | 0.008415 | 0.007476 | 0.007784 | 0.007271 |
| 0.079467 | 0.088618 | 0.001977 | 0.003060 | 0.003248 | 0.001464 | 0.001464 | 0.003724 | 0.003724 | 3.261547e-03 | 3.261547e-03 | 0.004206 | 0.004206 | 0.003222 | 0.003222 | 3.765538e-03 | 3.765538e-03 | 0.003388 | 0.003388 | 0.003635 | 0.003635 | 0.004103 | 0.004103 | 0.004103 | 0.004103 | 0.004103 | 0.004103 | 0.004103 | 0.004103 | 0.004103 | 0.004103 | 0.004103 | 0.004103 | 0.005466 | 0.004070 | 0.005039 | 0.003679 | 0.005033 | 0.004938 | 0.005248 | 0.005029 | 0.005709 | 0.005555 | 0.005520 | 0.004306 | 0.004442 | 0.006340 | 0.004718 | 0.005508 | 0.006263 | 0.005602 | 0.004959 | 0.004910 | 0.004639 | 0.005952 | 0.004997 | 0.005360 | 0.005700 | 0.007327 | 0.006259 | 0.006313 |
| 0.079551 | 0.094862 | 0.001243 | 0.001915 | 0.001637 | 0.001138 | 0.001138 | 0.001486 | 0.001486 | 3.264545e-03 | 3.264545e-03 | 0.003454 | 0.003454 | 0.001321 | 0.001321 | 2.781346e-03 | 2.781346e-03 | 0.002133 | 0.002133 | 0.003732 | 0.003732 | 0.002932 | 0.002932 | 0.002932 | 0.002932 | 0.002932 | 0.002932 | 0.002932 | 0.002932 | 0.002932 | 0.002932 | 0.002932 | 0.002932 | 0.004235 | 0.004523 | 0.003098 | 0.003556 | 0.003347 | 0.004809 | 0.003920 | 0.004321 | -0.008400 | 0.005557 | 0.001890 | 0.006658 | 0.004504 | 0.003592 | 0.004003 | 0.004907 | 0.004759 | 0.004900 | 0.004029 | 0.005172 | 0.004558 | 0.005898 | 0.003648 | 0.003799 | 0.003739 | 0.004208 | 0.004988 | 0.004213 |
| 0.079635 | 0.101106 | 0.001588 | 0.002081 | 0.002460 | 0.001322 | 0.001322 | 0.001177 | 0.001177 | -3.749939e-04 | -3.749939e-04 | 0.001439 | 0.001439 | 0.003383 | 0.003383 | 7.641580e-04 | 7.641580e-04 | 0.001872 | 0.001872 | 0.001566 | 0.001566 | 0.002406 | 0.002406 | 0.002406 | 0.002406 | 0.002406 | 0.002406 | 0.002406 | 0.002406 | 0.002406 | 0.002406 | 0.002406 | 0.002406 | 0.002380 | 0.004590 | 0.003272 | 0.003407 | 0.002265 | 0.004227 | 0.002268 | 0.002211 | 0.005067 | 0.002552 | 0.002129 | 0.005332 | 0.003471 | 0.000657 | 0.003300 | 0.004145 | 0.002402 | 0.003183 | 0.004207 | 0.003967 | 0.003483 | 0.004458 | 0.004453 | 0.004685 | 0.003946 | 0.004282 | 0.003850 | 0.004364 |
| 0.079719 | 0.107351 | 0.000315 | 0.002989 | 0.001628 | 0.002308 | 0.002308 | 0.001630 | 0.001630 | 9.080509e-05 | 9.080509e-05 | 0.000516 | 0.000516 | 0.000677 | 0.000677 | 4.343507e-04 | 4.343507e-04 | 0.002333 | 0.002333 | 0.000687 | 0.000687 | 0.002980 | 0.002980 | 0.002980 | 0.002980 | 0.002980 | 0.002980 | 0.002980 | 0.002980 | 0.002980 | 0.002980 | 0.002980 | 0.002980 | 0.002098 | 0.003002 | 0.003624 | 0.003022 | 0.003469 | 0.001722 | 0.002861 | 0.002689 | 0.003363 | 0.001227 | 0.002306 | 0.002454 | 0.002987 | 0.002244 | 0.001411 | 0.002373 | 0.004665 | 0.002704 | 0.002713 | 0.003239 | 0.003616 | 0.001618 | 0.002712 | 0.003158 | 0.002979 | 0.003033 | 0.004284 | 0.002880 |
| 0.079803 | 0.113595 | 0.003934 | 0.002778 | 0.002907 | 0.003190 | 0.003190 | 0.001613 | 0.001613 | 2.713821e-03 | 2.713821e-03 | 0.004437 | 0.004437 | 0.001387 | 0.001387 | -1.590947e-03 | -1.590947e-03 | 0.001046 | 0.001046 | 0.000648 | 0.000648 | 0.003021 | 0.003021 | 0.003021 | 0.003021 | 0.003021 | 0.003021 | 0.003021 | 0.003021 | 0.003021 | 0.003021 | 0.003021 | 0.003021 | 0.001733 | -0.000309 | -0.003757 | 0.002263 | 0.004614 | 0.001343 | 0.001414 | 0.002373 | 0.002309 | 0.002750 | 0.001912 | 0.001835 | 0.002893 | 0.001375 | 0.001716 | 0.001788 | 0.002542 | 0.002068 | 0.003268 | 0.001387 | 0.002149 | 0.002054 | 0.003183 | 0.002245 | 0.002614 | 0.002997 | 0.002803 | 0.001312 |
| 0.081087 | 0.11864 | 0.003800 | 0.002778 | 0.005130 | 0.004322 | 0.004322 | 0.001562 | 0.001562 | 4.023497e-03 | 4.023497e-03 | 0.003119 | 0.003119 | 0.001263 | 0.001263 | -4.471485e-04 | -4.471485e-04 | -0.000736 | -0.000736 | 0.000004 | 0.000004 | -0.001513 | -0.001513 | -0.001513 | -0.001513 | -0.001513 | -0.001513 | -0.001513 | -0.001513 | -0.001513 | -0.001513 | -0.001513 | -0.001513 | 0.002851 | 0.009173 | -0.028342 | 0.001408 | 0.006058 | 0.000483 | -0.000407 | 0.002075 | 0.000979 | 0.001477 | 0.002472 | 0.000977 | 0.001485 | 0.002028 | 0.001554 | 0.001626 | 0.001974 | 0.001324 | 0.001815 | 0.001426 | 0.001982 | 0.014315 | 0.000738 | 0.002680 | 0.002105 | 0.002840 | 0.000962 | 0.002125 |
| 0.087331 | 0.11873 | 0.036489 | 0.004711 | 0.005882 | -0.021639 | -0.021639 | -0.030236 | -0.030236 | 4.421924e-03 | 4.421924e-03 | 0.001907 | 0.001907 | 0.009242 | 0.009242 | -3.034206e-03 | -3.034206e-03 | -0.048019 | -0.048019 | 0.003364 | 0.003364 | -0.025752 | -0.025752 | -0.025752 | -0.025752 | -0.025752 | -0.025752 | -0.025752 | -0.025752 | -0.025752 | -0.025752 | -0.025752 | -0.025752 | -0.002142 | -0.003049 | -0.002203 | -0.000552 | 0.000943 | 0.028724 | -0.020353 | -0.028991 | -0.036632 | 0.002321 | 0.000105 | 0.001491 | -0.003683 | 0.000751 | 0.004345 | 0.001094 | 0.001280 | 0.001505 | 0.001450 | -0.006000 | 0.000828 | 0.000356 | 0.001100 | 0.000429 | 0.001702 | 0.009930 | -0.007629 | 0.001273 |
| 0.093575 | 0.11882 | -0.014269 | 0.009057 | -0.010006 | 0.005173 | 0.005173 | -0.005842 | -0.005842 | -5.272803e-03 | -5.272803e-03 | -0.000220 | -0.000220 | -0.001321 | -0.001321 | 5.761372e-03 | 5.761372e-03 | 0.005369 | 0.005369 | 0.006843 | 0.006843 | 0.015692 | 0.015692 | 0.015692 | 0.015692 | 0.015692 | 0.015692 | 0.015692 | 0.015692 | 0.015692 | 0.015692 | 0.015692 | 0.015692 | -0.005762 | 0.000324 | -0.025630 | -0.002664 | -0.000247 | 0.014133 | 0.004362 | 0.007842 | 0.005384 | 0.006991 | 0.007605 | 0.003467 | -0.002046 | -0.019401 | 0.006957 | 0.000327 | 0.000523 | -0.000452 | -0.017591 | 0.025303 | -0.002198 | -0.023452 | 0.004348 | 0.015200 | -0.001347 | 0.005184 | 0.005256 | 0.001604 |
| 0.099819 | 0.11891 | -0.002324 | -0.001647 | -0.006374 | -0.001450 | -0.001450 | 0.000535 | 0.000535 | -1.135481e-02 | -1.135481e-02 | -0.012289 | -0.012289 | -0.009653 | -0.009653 | -8.946791e-03 | -8.946791e-03 | 0.063474 | 0.063474 | -0.007457 | -0.007457 | -0.000622 | -0.000622 | -0.000622 | -0.000622 | -0.000622 | -0.000622 | -0.000622 | -0.000622 | -0.000622 | -0.000622 | -0.000622 | -0.000622 | 0.000176 | -0.001366 | -0.013272 | 0.006733 | 0.001673 | -0.008736 | 0.004234 | 0.004656 | 0.005379 | -0.003771 | 0.001554 | -0.005553 | -0.003743 | -0.003602 | -0.004700 | -0.005752 | -0.000120 | -0.003376 | 0.000377 | -0.003188 | 0.016241 | -0.008454 | 0.043389 | -0.020133 | -0.008564 | -0.005233 | 0.011086 | 0.012797 |
| 0.106064 | 0.119 | 0.004750 | -0.013666 | 0.003716 | -0.006318 | -0.006318 | -0.007960 | -0.007960 | -7.559459e-03 | -7.559459e-03 | -0.005903 | -0.005903 | -0.007045 | -0.007045 | -1.186617e-02 | -1.186617e-02 | -0.010912 | -0.010912 | -0.017940 | -0.017940 | -0.019722 | -0.019722 | -0.019722 | -0.019722 | -0.019722 | -0.019722 | -0.019722 | -0.019722 | -0.019722 | -0.019722 | -0.019722 | -0.019722 | -0.019034 | -0.012049 | -0.012953 | -0.008224 | -0.003697 | -0.005148 | -0.001463 | 0.002979 | 0.037481 | 0.000583 | 0.006885 | 0.001286 | 0.007707 | 0.005579 | 0.004596 | 0.008499 | 0.008808 | 0.008853 | -0.007082 | 0.010879 | 0.012985 | 0.003204 | 0.009307 | 0.009320 | 0.017533 | 0.010150 | 0.007310 | 0.002672 |
| 0.112308 | 0.11909 | -0.007525 | -0.005011 | -0.003537 | 0.001087 | 0.001087 | -0.002163 | -0.002163 | -4.286798e-02 | -4.286798e-02 | -0.026138 | -0.026138 | -0.057159 | -0.057159 | -9.359159e-03 | -9.359159e-03 | -0.019828 | -0.019828 | -0.031939 | -0.031939 | -0.007985 | -0.007985 | -0.007985 | -0.007985 | -0.007985 | -0.007985 | -0.007985 | -0.007985 | -0.007985 | -0.007985 | -0.007985 | -0.007985 | 0.009668 | -0.026977 | -0.007525 | -0.008000 | -0.051133 | -0.008416 | -0.007123 | -0.031051 | -0.027085 | 0.018422 | 0.027358 | 0.001761 | 0.000411 | 0.000986 | -0.043337 | 0.004465 | 0.010898 | 0.008767 | -0.032894 | 0.016851 | 0.055394 | 0.009730 | 0.013536 | 0.012689 | 0.009237 | 0.005262 | 0.001620 | -0.012923 |
| 0.118552 | 0.11918 | -0.009691 | 0.005078 | 0.010824 | 0.021721 | 0.021721 | -0.015144 | -0.015144 | 1.525651e-03 | 1.525651e-03 | 0.000778 | 0.000778 | -0.006538 | -0.006538 | -6.545111e-03 | -6.545111e-03 | -0.038762 | -0.038762 | 0.018625 | 0.018625 | -0.005312 | -0.005312 | -0.005312 | -0.005312 | -0.005312 | -0.005312 | -0.005312 | -0.005312 | -0.005312 | -0.005312 | -0.005312 | -0.005312 | -0.015274 | -0.017223 | -0.048507 | -0.013744 | 0.003064 | -0.031101 | 0.004932 | -0.015466 | -0.005215 | -0.028396 | 0.009415 | -0.001180 | 0.024261 | -0.001762 | 0.058858 | 0.003634 | 0.014818 | 0.007072 | -0.039604 | 0.037722 | 0.009936 | 0.009133 | 0.007342 | 0.003002 | 0.001027 | 0.001200 | 0.007705 | 0.030649 |
| 0.124796 | 0.11927 | 0.010593 | 0.008255 | 0.007848 | 0.029017 | 0.029017 | 0.005012 | 0.005012 | 5.549670e-03 | 5.549670e-03 | 0.001562 | 0.001562 | -0.000696 | -0.000696 | -2.794286e-03 | -2.794286e-03 | -0.005641 | -0.005641 | -0.012556 | -0.012556 | -0.008962 | -0.008962 | -0.008962 | -0.008962 | -0.008962 | -0.008962 | -0.008962 | -0.008962 | -0.008962 | -0.008962 | -0.008962 | -0.008962 | -0.008924 | -0.011020 | -0.013419 | -0.010953 | -0.011951 | -0.007902 | -0.009331 | -0.002420 | -0.013921 | -0.018568 | -0.038486 | -0.006509 | -0.012093 | -0.013486 | -0.008395 | 0.009736 | 0.005707 | -0.005574 | 0.015196 | -0.004259 | 0.013363 | -0.034253 | 0.004023 | 0.047710 | 0.018712 | -0.028348 | 0.016965 | 0.040814 |
| 0.13104 | 0.11936 | 0.060480 | 0.045400 | 0.010523 | 0.008755 | 0.008755 | 0.005617 | 0.005617 | 6.626197e-03 | 6.626197e-03 | 0.011328 | 0.011328 | -0.021662 | -0.021662 | -3.606754e-03 | -3.606754e-03 | -0.005437 | -0.005437 | -0.004477 | -0.004477 | -0.006349 | -0.006349 | -0.006349 | -0.006349 | -0.006349 | -0.006349 | -0.006349 | -0.006349 | -0.006349 | -0.006349 | -0.006349 | -0.006349 | 0.009241 | 0.007163 | -0.008078 | -0.007934 | -0.004424 | 0.037295 | -0.015319 | -0.005420 | -0.032212 | 0.004140 | -0.010215 | -0.009780 | -0.005266 | 0.008016 | -0.002918 | -0.002830 | -0.045078 | -0.011787 | 0.015380 | -0.036891 | -0.001908 | 0.017556 | 0.057733 | 0.006834 | -0.029530 | 0.012758 | 0.009228 | 0.007179 |
| 0.137284 | 0.11945 | 0.007115 | -0.001191 | 0.003224 | 0.005190 | 0.005190 | 0.003214 | 0.003214 | 9.477942e-04 | 9.477942e-04 | -0.001133 | -0.001133 | -0.000256 | -0.000256 | -1.369612e-03 | -1.369612e-03 | 0.002347 | 0.002347 | -0.002388 | -0.002388 | 0.009916 | 0.009916 | 0.009916 | 0.009916 | 0.009916 | 0.009916 | 0.009916 | 0.009916 | 0.009916 | 0.009916 | 0.009916 | 0.009916 | 0.024007 | -0.002709 | -0.008007 | 0.041696 | 0.018296 | -0.005804 | -0.004748 | -0.003893 | -0.004533 | -0.004277 | -0.005428 | -0.006218 | -0.005194 | -0.005286 | -0.006902 | -0.008427 | -0.005163 | -0.004542 | -0.013471 | -0.006929 | -0.004567 | 0.029136 | 0.010276 | -0.006232 | -0.014331 | -0.011020 | -0.001298 | 0.008608 |
| 0.143528 | 0.11954 | -0.002218 | 0.049011 | 0.000908 | 0.002956 | 0.002956 | 0.033129 | 0.033129 | -7.079653e-04 | -7.079653e-04 | -0.001054 | -0.001054 | -0.000497 | -0.000497 | -4.356949e-02 | -4.356949e-02 | -0.019284 | -0.019284 | -0.001472 | -0.001472 | 0.010173 | 0.010173 | 0.010173 | 0.010173 | 0.010173 | 0.010173 | 0.010173 | 0.010173 | 0.010173 | 0.010173 | 0.010173 | 0.010173 | -0.007930 | 0.002006 | -0.004537 | -0.004443 | -0.004576 | -0.002922 | 0.000509 | -0.002798 | -0.001484 | 0.005585 | -0.000809 | -0.008962 | -0.048233 | -0.054038 | 0.014816 | -0.006134 | -0.003434 | -0.002333 | -0.012164 | -0.004361 | -0.004046 | -0.004677 | -0.001910 | -0.018858 | 0.054154 | -0.007878 | 0.010809 | 0.008362 |
| 0.149772 | 0.11963 | -0.000927 | 0.021777 | 0.001501 | 0.001492 | 0.001492 | -0.007665 | -0.007665 | -2.047043e-02 | -2.047043e-02 | 0.002397 | 0.002397 | -0.000941 | -0.000941 | -5.178123e-04 | -5.178123e-04 | -0.002172 | -0.002172 | -0.000969 | -0.000969 | -0.006420 | -0.006420 | -0.006420 | -0.006420 | -0.006420 | -0.006420 | -0.006420 | -0.006420 | -0.006420 | -0.006420 | -0.006420 | -0.006420 | -0.004260 | 0.013432 | -0.019454 | -0.022564 | -0.008013 | -0.006072 | -0.002507 | -0.005479 | 0.000602 | 0.018389 | 0.000050 | -0.025047 | 0.000595 | 0.049914 | 0.001959 | 0.009862 | -0.059621 | 0.001393 | -0.008807 | -0.002270 | -0.001206 | -0.000595 | 0.000598 | -0.003531 | -0.010627 | -0.013153 | -0.028238 | 0.010087 |
| 0.156016 | 0.119719 | -0.069825 | -0.005308 | -0.050080 | 0.000752 | 0.000752 | 0.013538 | 0.013538 | -7.749868e-03 | -7.749868e-03 | 0.032114 | 0.032114 | -0.038382 | -0.038382 | -3.004577e-03 | -3.004577e-03 | 0.007257 | 0.007257 | -0.015469 | -0.015469 | -0.003924 | -0.003924 | -0.003924 | -0.003924 | -0.003924 | -0.003924 | -0.003924 | -0.003924 | -0.003924 | -0.003924 | -0.003924 | -0.003924 | -0.003059 | 0.000415 | 0.002488 | -0.026992 | 0.011425 | -0.005823 | -0.056452 | 0.003236 | 0.003486 | 0.005422 | -0.001713 | 0.000226 | 0.004995 | 0.011751 | 0.039953 | -0.022858 | 0.010833 | -0.050718 | -0.025340 | 0.001020 | 0.001004 | 0.003122 | 0.001869 | -0.002900 | 0.007450 | -0.046966 | -0.012395 | 0.002148 |
| 0.159331 | 0.116827 | -0.042771 | -0.005878 | 0.005736 | 0.000440 | 0.000440 | 0.001376 | 0.001376 | -3.152330e-03 | -3.152330e-03 | 0.056155 | 0.056155 | -0.000662 | -0.000662 | -1.092698e-03 | -1.092698e-03 | -0.000727 | -0.000727 | -0.078680 | -0.078680 | -0.000061 | -0.000061 | -0.000061 | -0.000061 | -0.000061 | -0.000061 | -0.000061 | -0.000061 | -0.000061 | -0.000061 | -0.000061 | -0.000061 | -0.000523 | -0.002431 | -0.000176 | -0.007526 | 0.000506 | 0.000832 | -0.018477 | 0.005241 | 0.001706 | 0.006795 | 0.001216 | 0.001684 | 0.008417 | 0.000883 | -0.012216 | 0.002902 | 0.001814 | 0.003239 | 0.000535 | 0.002328 | 0.002272 | 0.001975 | 0.001334 | 0.005148 | 0.006005 | -0.000758 | 0.031014 | 0.001194 |
| 0.159353 | 0.110582 | -0.000073 | -0.000463 | 0.000578 | -0.001511 | -0.001511 | -0.002088 | -0.002088 | -1.044027e-04 | -1.044027e-04 | -0.001093 | -0.001093 | -0.002644 | -0.002644 | -4.037399e-02 | -4.037399e-02 | -0.000978 | -0.000978 | -0.000944 | -0.000944 | -0.000289 | -0.000289 | -0.000289 | -0.000289 | -0.000289 | -0.000289 | -0.000289 | -0.000289 | -0.000289 | -0.000289 | -0.000289 | -0.000289 | -0.000844 | -0.002893 | -0.000372 | 0.000149 | 0.002740 | -0.000017 | 0.000948 | 0.002678 | 0.001220 | 0.001840 | 0.009676 | 0.001695 | 0.002102 | 0.001809 | 0.001928 | 0.000848 | 0.004049 | 0.002728 | 0.002198 | 0.002856 | -0.014671 | 0.001291 | 0.003063 | 0.001692 | 0.003593 | 0.002364 | -0.007291 | 0.002282 |
| 0.159376 | 0.104337 | -0.000740 | -0.001377 | -0.001099 | -0.001719 | -0.001719 | -0.002787 | -0.002787 | -1.235699e-03 | -1.235699e-03 | -0.000864 | -0.000864 | -0.002041 | -0.002041 | -2.542569e-03 | -2.542569e-03 | -0.002408 | -0.002408 | -0.002655 | -0.002655 | 0.001563 | 0.001563 | 0.001563 | 0.001563 | 0.001563 | 0.001563 | 0.001563 | 0.001563 | 0.001563 | 0.001563 | 0.001563 | 0.001563 | 0.000209 | 0.000966 | 0.017542 | -0.002770 | 0.002536 | 0.002335 | 0.001537 | 0.002022 | 0.002307 | 0.001902 | 0.001092 | 0.001830 | 0.000998 | 0.002099 | 0.001403 | 0.002239 | 0.001980 | 0.001242 | 0.001528 | 0.003129 | 0.001856 | 0.000690 | 0.001734 | 0.001885 | 0.002186 | 0.004658 | 0.000856 | 0.002238 |
| 0.159398 | 0.098092 | -0.000961 | -0.001471 | -0.001592 | -0.001365 | -0.001365 | -0.002994 | -0.002994 | -1.774208e-03 | -1.774208e-03 | -0.000573 | -0.000573 | -0.001518 | -0.001518 | -2.106293e-03 | -2.106293e-03 | -0.002185 | -0.002185 | -0.002981 | -0.002981 | 0.002788 | 0.002788 | 0.002788 | 0.002788 | 0.002788 | 0.002788 | 0.002788 | 0.002788 | 0.002788 | 0.002788 | 0.002788 | 0.002788 | -0.006984 | 0.001870 | 0.000802 | 0.001944 | 0.001622 | 0.001869 | 0.001182 | 0.001493 | 0.000955 | 0.001568 | 0.002335 | 0.001562 | 0.001127 | 0.001283 | 0.001671 | 0.001641 | 0.001972 | 0.002839 | 0.001316 | 0.001530 | 0.001652 | 0.001816 | 0.002438 | 0.002213 | 0.002475 | 0.003151 | 0.003170 | 0.002832 |
| 0.159421 | 0.091848 | -0.001955 | -0.002180 | -0.002277 | -0.002342 | -0.002342 | -0.002230 | -0.002230 | -8.215684e-04 | -8.215684e-04 | -0.001897 | -0.001897 | -0.001434 | -0.001434 | -2.094506e-03 | -2.094506e-03 | -0.000732 | -0.000732 | 0.000052 | 0.000052 | 0.000771 | 0.000771 | 0.000771 | 0.000771 | 0.000771 | 0.000771 | 0.000771 | 0.000771 | 0.000771 | 0.000771 | 0.000771 | 0.000771 | 0.001544 | 0.000476 | 0.000458 | 0.001912 | 0.002063 | 0.002008 | 0.000916 | 0.002544 | 0.002077 | 0.001870 | 0.001754 | 0.000871 | 0.001900 | -0.000154 | 0.001140 | 0.000858 | 0.002331 | 0.000714 | 0.002150 | 0.002940 | 0.001363 | 0.002223 | 0.002321 | 0.003809 | 0.003739 | 0.003479 | 0.002626 | 0.002707 |
| 0.159443 | 0.085603 | -0.002443 | -0.002544 | -0.002956 | -0.002428 | -0.002428 | -0.001090 | -0.001090 | -9.739058e-04 | -9.739058e-04 | -0.000124 | -0.000124 | 0.000017 | 0.000017 | 1.523396e-04 | 1.523396e-04 | 0.001116 | 0.001116 | 0.001710 | 0.001710 | 0.000870 | 0.000870 | 0.000870 | 0.000870 | 0.000870 | 0.000870 | 0.000870 | 0.000870 | 0.000870 | 0.000870 | 0.000870 | 0.000870 | -0.000318 | 0.001589 | 0.001198 | 0.001173 | 0.000911 | 0.001138 | 0.000470 | 0.000929 | 0.001876 | 0.001159 | 0.001358 | 0.001411 | 0.000555 | 0.001676 | 0.002369 | 0.001735 | 0.003148 | 0.003208 | 0.002399 | 0.002784 | 0.002267 | 0.003313 | 0.003609 | 0.002277 | 0.003321 | 0.004141 | 0.003286 | 0.003627 |
| 0.159465 | 0.079358 | -0.001370 | -0.002805 | -0.001517 | 0.000287 | 0.000287 | 0.000782 | 0.000782 | -1.753828e-03 | -1.753828e-03 | 0.000312 | 0.000312 | 0.001058 | 0.001058 | -2.456237e-04 | -2.456237e-04 | 0.001153 | 0.001153 | 0.000410 | 0.000410 | 0.000481 | 0.000481 | 0.000481 | 0.000481 | 0.000481 | 0.000481 | 0.000481 | 0.000481 | 0.000481 | 0.000481 | 0.000481 | 0.000481 | 0.000517 | 0.001283 | 0.000847 | -0.000054 | 0.001573 | 0.000507 | 0.001552 | 0.001173 | 0.001451 | 0.001362 | 0.001326 | 0.002920 | 0.002949 | 0.002224 | 0.003732 | 0.001242 | 0.003046 | 0.001948 | 0.002802 | 0.002542 | 0.003446 | 0.001940 | 0.003930 | 0.002447 | 0.001201 | 0.002413 | 0.001659 | 0.001861 |
| 0.159488 | 0.073114 | -0.000403 | -0.000024 | 0.000891 | 0.001499 | 0.001499 | 0.001078 | 0.001078 | 1.894814e-04 | 1.894814e-04 | -0.000087 | -0.000087 | -0.000581 | -0.000581 | 2.497601e-04 | 2.497601e-04 | -0.000302 | -0.000302 | 0.000150 | 0.000150 | 0.000540 | 0.000540 | 0.000540 | 0.000540 | 0.000540 | 0.000540 | 0.000540 | 0.000540 | 0.000540 | 0.000540 | 0.000540 | 0.000540 | 0.001695 | 0.000697 | 0.002137 | 0.001206 | 0.001704 | 0.002657 | 0.001186 | 0.002288 | 0.002930 | 0.002226 | 0.002805 | 0.001716 | 0.001993 | 0.002973 | 0.001987 | 0.002258 | 0.002774 | 0.001932 | 0.001307 | 0.001563 | 0.000681 | 0.001466 | 0.001304 | 0.001003 | 0.001051 | 0.000445 | -0.000029 | -0.000188 |
| 0.15951 | 0.066869 | 0.000335 | -0.000442 | 0.000378 | 0.001111 | 0.001111 | 0.000004 | 0.000004 | -9.001005e-04 | -9.001005e-04 | 0.000125 | 0.000125 | -0.000125 | -0.000125 | -2.299632e-04 | -2.299632e-04 | -0.000337 | -0.000337 | 0.001098 | 0.001098 | -0.000072 | -0.000072 | -0.000072 | -0.000072 | -0.000072 | -0.000072 | -0.000072 | -0.000072 | -0.000072 | -0.000072 | -0.000072 | -0.000072 | 0.000400 | 0.002255 | 0.002429 | 0.001730 | 0.001169 | 0.001655 | 0.001601 | 0.000891 | 0.001678 | 0.001324 | 0.002844 | 0.001465 | -0.000373 | 0.000530 | 0.000626 | 0.000800 | -0.000285 | 0.000756 | 0.000246 | -0.000823 | -0.001061 | -0.000246 | -0.000966 | -0.000230 | -0.000604 | -0.000318 | -0.001384 | -0.001365 |
| 0.159533 | 0.060624 | 0.000024 | -0.000418 | -0.000398 | -0.000065 | -0.000065 | -0.000535 | -0.000535 | 6.845724e-04 | 6.845724e-04 | -0.000603 | -0.000603 | 0.000624 | 0.000624 | 6.222537e-05 | 6.222537e-05 | -0.000596 | -0.000596 | 0.000475 | 0.000475 | 0.001209 | 0.001209 | 0.001209 | 0.001209 | 0.001209 | 0.001209 | 0.001209 | 0.001209 | 0.001209 | 0.001209 | 0.001209 | 0.001209 | 0.001155 | 0.001171 | 0.001506 | 0.000986 | -0.000042 | 0.000190 | -0.000191 | 0.000379 | -0.000493 | -0.000412 | -0.000515 | -0.000159 | -0.000776 | -0.002465 | -0.000797 | -0.001357 | -0.002323 | -0.001928 | -0.000984 | -0.001235 | -0.001847 | -0.001049 | -0.001109 | -0.001184 | -0.002855 | -0.002822 | -0.000915 | -0.002887 |
| 0.157813 | 0.056169 | 0.000312 | -0.001520 | -0.000026 | -0.000591 | -0.000591 | -0.000259 | -0.000259 | -7.912266e-04 | -7.912266e-04 | 0.000167 | 0.000167 | 0.000026 | 0.000026 | -3.316519e-05 | -3.316519e-05 | 0.000135 | 0.000135 | 0.001046 | 0.001046 | 0.000233 | 0.000233 | 0.000233 | 0.000233 | 0.000233 | 0.000233 | 0.000233 | 0.000233 | 0.000233 | 0.000233 | 0.000233 | 0.000233 | -0.000267 | -0.000251 | -0.000137 | -0.000779 | -0.000539 | -0.000905 | -0.001042 | -0.001312 | -0.001053 | -0.000043 | -0.002170 | -0.001223 | -0.001808 | -0.001722 | -0.002130 | -0.001844 | -0.001610 | -0.002205 | -0.002211 | -0.001721 | -0.002388 | -0.001557 | -0.001648 | -0.001984 | -0.001663 | -0.001772 | -0.001313 | -0.003870 |
| 0.151572 | 0.056361 | -0.000510 | -0.000468 | -0.000384 | -0.000136 | -0.000136 | -0.000005 | -0.000005 | 3.734223e-04 | 3.734223e-04 | 0.000545 | 0.000545 | 0.000087 | 0.000087 | 3.500137e-04 | 3.500137e-04 | -0.000086 | -0.000086 | 0.000486 | 0.000486 | -0.000157 | -0.000157 | -0.000157 | -0.000157 | -0.000157 | -0.000157 | -0.000157 | -0.000157 | -0.000157 | -0.000157 | -0.000157 | -0.000157 | -0.000471 | -0.000512 | -0.001841 | -0.002122 | -0.000216 | -0.002154 | -0.002056 | -0.001473 | -0.002169 | -0.002630 | -0.002568 | -0.003327 | -0.003507 | -0.004382 | -0.003224 | -0.003928 | -0.004919 | -0.004419 | -0.004443 | -0.003983 | -0.005718 | -0.005298 | -0.006675 | -0.004508 | -0.005373 | -0.005260 | -0.004913 | -0.005861 |
| 0.14533 | 0.056552 | 0.000198 | -0.000273 | 0.001100 | 0.000109 | 0.000109 | 0.001362 | 0.001362 | 1.676831e-03 | 1.676831e-03 | 0.000397 | 0.000397 | 0.001023 | 0.001023 | -1.728245e-04 | -1.728245e-04 | 0.001396 | 0.001396 | 0.000165 | 0.000165 | -0.001184 | -0.001184 | -0.001184 | -0.001184 | -0.001184 | -0.001184 | -0.001184 | -0.001184 | -0.001184 | -0.001184 | -0.001184 | -0.001184 | -0.001233 | -0.001353 | -0.002226 | -0.001247 | -0.001879 | -0.001712 | -0.003759 | -0.002697 | -0.004503 | -0.004087 | -0.004265 | -0.005689 | -0.005961 | -0.004887 | -0.006608 | -0.005725 | -0.007133 | -0.007560 | -0.007343 | -0.011835 | -0.012332 | -0.011739 | -0.011622 | -0.009336 | -0.013318 | -0.013408 | -0.015667 | -0.011459 |
| 0.139088 | 0.056744 | 0.002348 | 0.001452 | 0.000915 | 0.002138 | 0.002138 | 0.002740 | 0.002740 | 2.863717e-03 | 2.863717e-03 | 0.001594 | 0.001594 | 0.001065 | 0.001065 | 4.237876e-04 | 4.237876e-04 | 0.001034 | 0.001034 | -0.000344 | -0.000344 | 0.001856 | 0.001856 | 0.001856 | 0.001856 | 0.001856 | 0.001856 | 0.001856 | 0.001856 | 0.001856 | 0.001856 | 0.001856 | 0.001856 | 0.000930 | 0.000558 | 0.000224 | -0.007926 | -0.002285 | -0.004407 | -0.004912 | -0.004975 | -0.005389 | -0.004677 | -0.005805 | -0.006698 | -0.005969 | -0.041095 | -0.006869 | -0.008935 | -0.007648 | -0.009191 | -0.007998 | -0.009698 | -0.009879 | -0.010253 | -0.009305 | -0.010866 | -0.013586 | -0.016750 | -0.010608 | -0.017371 |
| 0.132846 | 0.056935 | 0.008886 | -0.006441 | 0.005414 | 0.005128 | 0.005128 | 0.006055 | 0.006055 | 5.243114e-03 | 5.243114e-03 | -0.007278 | -0.007278 | 0.005452 | 0.005452 | -1.985304e-03 | -1.985304e-03 | -0.004025 | -0.004025 | -0.005183 | -0.005183 | -0.020488 | -0.020488 | -0.020488 | -0.020488 | -0.020488 | -0.020488 | -0.020488 | -0.020488 | -0.020488 | -0.020488 | -0.020488 | -0.020488 | 0.009278 | 0.003903 | 0.001419 | -0.000102 | 0.010094 | -0.004900 | -0.009850 | -0.008319 | -0.013991 | -0.041795 | -0.015194 | -0.009948 | -0.012194 | -0.049639 | -0.015894 | -0.008837 | -0.007811 | -0.005796 | -0.002458 | 0.008313 | -0.003154 | -0.002187 | 0.009537 | 0.002940 | 0.005842 | -0.008765 | 0.005363 | 0.003130 |
| 0.126605 | 0.057127 | 0.013083 | 0.013163 | 0.014407 | 0.001366 | 0.001366 | 0.004499 | 0.004499 | -7.622840e-03 | -7.622840e-03 | -0.002320 | -0.002320 | 0.008341 | 0.008341 | -4.433831e-03 | -4.433831e-03 | -0.008274 | -0.008274 | -0.008972 | -0.008972 | 0.019753 | 0.019753 | 0.019753 | 0.019753 | 0.019753 | 0.019753 | 0.019753 | 0.019753 | 0.019753 | 0.019753 | 0.019753 | 0.019753 | 0.003863 | 0.005422 | 0.011352 | 0.001453 | -0.002646 | -0.013951 | 0.000118 | -0.007277 | -0.013813 | -0.017549 | -0.011226 | -0.001391 | 0.000393 | -0.002009 | -0.005281 | -0.005974 | 0.005539 | 0.006172 | 0.006494 | 0.003486 | 0.024745 | 0.013627 | -0.016737 | 0.020400 | 0.024880 | 0.027077 | 0.014701 | 0.016700 |
| 0.120363 | 0.057318 | 0.022094 | 0.013554 | 0.027874 | 0.007139 | 0.007139 | -0.030443 | -0.030443 | 4.132164e-02 | 4.132164e-02 | 0.006095 | 0.006095 | -0.022485 | -0.022485 | 6.226171e-03 | 6.226171e-03 | -0.002740 | -0.002740 | -0.006869 | -0.006869 | 0.019110 | 0.019110 | 0.019110 | 0.019110 | 0.019110 | 0.019110 | 0.019110 | 0.019110 | 0.019110 | 0.019110 | 0.019110 | 0.019110 | 0.019636 | 0.018994 | 0.019324 | 0.022542 | 0.020749 | 0.026513 | 0.021636 | 0.022266 | 0.019121 | 0.023082 | 0.023210 | 0.022581 | 0.014577 | 0.016552 | 0.014400 | 0.018390 | 0.013867 | 0.015363 | 0.017426 | 0.019185 | 0.022695 | 0.017582 | 0.022203 | 0.021021 | 0.021678 | 0.019167 | 0.013577 | 0.008977 |
| 0.114121 | 0.057509 | 0.047428 | 0.013880 | 0.005528 | 0.017554 | 0.017554 | 0.011743 | 0.011743 | 1.793630e-02 | 1.793630e-02 | 0.022465 | 0.022465 | 0.020170 | 0.020170 | 2.092784e-02 | 2.092784e-02 | 0.016081 | 0.016081 | 0.013953 | 0.013953 | 0.020797 | 0.020797 | 0.020797 | 0.020797 | 0.020797 | 0.020797 | 0.020797 | 0.020797 | 0.020797 | 0.020797 | 0.020797 | 0.020797 | 0.018824 | 0.020104 | 0.022243 | 0.023749 | 0.021041 | 0.022982 | 0.023013 | 0.021574 | 0.019920 | -0.049024 | 0.021091 | 0.023006 | 0.019959 | 0.022678 | 0.024854 | 0.023624 | 0.021607 | 0.019812 | 0.019908 | 0.020329 | 0.018881 | 0.006735 | 0.011702 | 0.006708 | 0.011645 | 0.016267 | 0.000249 | 0.003448 |
| 0.107879 | 0.057701 | 0.061239 | -0.000976 | 0.000770 | -0.025863 | -0.025863 | 0.004290 | 0.004290 | 9.945692e-03 | 9.945692e-03 | 0.012867 | 0.012867 | 0.019963 | 0.019963 | 1.908109e-02 | 1.908109e-02 | 0.016466 | 0.016466 | 0.019823 | 0.019823 | 0.019880 | 0.019880 | 0.019880 | 0.019880 | 0.019880 | 0.019880 | 0.019880 | 0.019880 | 0.019880 | 0.019880 | 0.019880 | 0.019880 | 0.020368 | 0.019075 | 0.019484 | 0.018420 | 0.019820 | 0.018861 | 0.018356 | 0.018146 | 0.017419 | 0.019566 | 0.019823 | 0.021221 | 0.020554 | 0.018756 | 0.021243 | 0.020385 | 0.019852 | 0.021909 | 0.020620 | 0.014136 | 0.018634 | 0.015258 | 0.007813 | 0.010709 | 0.008015 | 0.026867 | 0.002785 | -0.021523 |
| 0.101637 | 0.057892 | 0.000417 | 0.001905 | 0.000930 | -0.001015 | -0.001015 | 0.006104 | 0.006104 | 8.212228e-03 | 8.212228e-03 | 0.009437 | 0.009437 | 0.011316 | 0.011316 | 1.062845e-02 | 1.062845e-02 | 0.013544 | 0.013544 | 0.013559 | 0.013559 | 0.016499 | 0.016499 | 0.016499 | 0.016499 | 0.016499 | 0.016499 | 0.016499 | 0.016499 | 0.016499 | 0.016499 | 0.016499 | 0.016499 | 0.017615 | 0.016461 | 0.017727 | 0.016473 | 0.017758 | 0.016518 | 0.016698 | 0.016234 | 0.017128 | 0.018237 | 0.015880 | 0.017057 | 0.018964 | 0.015862 | 0.015900 | 0.013750 | 0.013341 | 0.013232 | 0.014224 | 0.014270 | 0.009076 | 0.010046 | 0.011403 | 0.008893 | 0.008636 | 0.008614 | 0.007976 | 0.007511 |
| 0.095396 | 0.058084 | -0.003799 | 0.001442 | 0.003538 | 0.004476 | 0.004476 | 0.006580 | 0.006580 | 8.971483e-03 | 8.971483e-03 | 0.009620 | 0.009620 | 0.010151 | 0.010151 | 1.100235e-02 | 1.100235e-02 | 0.012775 | 0.012775 | 0.009975 | 0.009975 | 0.014857 | 0.014857 | 0.014857 | 0.014857 | 0.014857 | 0.014857 | 0.014857 | 0.014857 | 0.014857 | 0.014857 | 0.014857 | 0.014857 | 0.014722 | 0.014683 | 0.013136 | 0.015389 | 0.013478 | 0.015802 | 0.015119 | 0.014543 | 0.015512 | 0.012591 | 0.013520 | 0.014614 | 0.011914 | 0.013892 | 0.014550 | 0.012513 | 0.012756 | 0.013358 | 0.013218 | 0.011541 | 0.010625 | 0.010833 | 0.011774 | 0.013200 | 0.011722 | -0.000290 | 0.011131 | 0.011315 |
| 0.089154 | 0.058275 | 0.006385 | 0.006399 | 0.005661 | 0.007193 | 0.007193 | 0.005966 | 0.005966 | 1.062303e-02 | 1.062303e-02 | 0.010601 | 0.010601 | 0.010836 | 0.010836 | 9.756746e-03 | 9.756746e-03 | 0.009199 | 0.009199 | 0.013458 | 0.013458 | 0.015030 | 0.015030 | 0.015030 | 0.015030 | 0.015030 | 0.015030 | 0.015030 | 0.015030 | 0.015030 | 0.015030 | 0.015030 | 0.015030 | 0.011622 | 0.011643 | -0.023419 | 0.012894 | 0.012229 | 0.012428 | 0.011744 | 0.014031 | 0.011530 | 0.012189 | 0.013367 | 0.011910 | 0.012161 | 0.010988 | 0.013092 | 0.010458 | 0.011060 | 0.013361 | 0.010865 | 0.011614 | 0.012399 | 0.012183 | 0.011758 | 0.011228 | 0.011539 | 0.011293 | 0.010578 | 0.010807 |
| 0.084916 | 0.060402 | 0.007518 | 0.009665 | 0.008287 | 0.009567 | 0.009567 | 0.008340 | 0.008340 | 1.002560e-02 | 1.002560e-02 | 0.009996 | 0.009996 | 0.010638 | 0.010638 | 9.504980e-03 | 9.504980e-03 | 0.011773 | 0.011773 | 0.010241 | 0.010241 | 0.012897 | 0.012897 | 0.012897 | 0.012897 | 0.012897 | 0.012897 | 0.012897 | 0.012897 | 0.012897 | 0.012897 | 0.012897 | 0.012897 | 0.011434 | 0.010795 | 0.011411 | 0.010401 | 0.011351 | 0.009529 | 0.010153 | 0.011449 | 0.010078 | 0.010302 | 0.010728 | 0.008191 | 0.009738 | 0.011544 | 0.014216 | 0.009868 | 0.009658 | 0.011519 | 0.011437 | 0.010777 | 0.011894 | 0.011051 | 0.011950 | 0.011130 | 0.009925 | 0.010407 | 0.010632 | 0.010413 |
| 0.084941 | 0.066647 | 0.005111 | 0.005265 | 0.006193 | 0.004833 | 0.004833 | 0.006961 | 0.006961 | 9.000654e-03 | 9.000654e-03 | 0.007691 | 0.007691 | 0.005468 | 0.005468 | 7.913768e-03 | 7.913768e-03 | 0.008427 | 0.008427 | 0.008158 | 0.008158 | 0.008182 | 0.008182 | 0.008182 | 0.008182 | 0.008182 | 0.008182 | 0.008182 | 0.008182 | 0.008182 | 0.008182 | 0.008182 | 0.008182 | 0.009553 | 0.009067 | 0.010092 | 0.008933 | 0.011415 | 0.009605 | 0.011176 | 0.008765 | 0.011637 | 0.011248 | 0.009642 | 0.009733 | 0.008514 | 0.008854 | 0.010029 | 0.009950 | 0.009626 | 0.009671 | 0.010420 | 0.009900 | 0.010688 | 0.008460 | 0.009834 | 0.009584 | 0.010047 | 0.010127 | 0.008997 | 0.011716 |
| 0.084967 | 0.072892 | 0.003920 | 0.004814 | 0.004195 | 0.003981 | 0.003981 | 0.004509 | 0.004509 | 5.163215e-03 | 5.163215e-03 | 0.006395 | 0.006395 | 0.004463 | 0.004463 | 6.679235e-03 | 6.679235e-03 | 0.008177 | 0.008177 | 0.008425 | 0.008425 | 0.007671 | 0.007671 | 0.007671 | 0.007671 | 0.007671 | 0.007671 | 0.007671 | 0.007671 | 0.007671 | 0.007671 | 0.007671 | 0.007671 | 0.007858 | 0.008517 | 0.008248 | 0.007538 | 0.008348 | 0.008725 | 0.009790 | 0.007682 | 0.007799 | 0.009176 | 0.009318 | 0.008756 | 0.008661 | 0.008892 | 0.009117 | 0.009371 | 0.008589 | 0.008587 | 0.008402 | 0.008433 | 0.009550 | 0.008128 | 0.009022 | 0.008617 | 0.010334 | 0.008853 | 0.008563 | 0.009244 |
| 0.084992 | 0.079136 | 0.003147 | 0.003486 | 0.004427 | 0.003806 | 0.003806 | 0.003839 | 0.003839 | 4.588756e-03 | 4.588756e-03 | 0.006162 | 0.006162 | 0.003949 | 0.003949 | 4.885140e-03 | 4.885140e-03 | 0.005198 | 0.005198 | 0.005049 | 0.005049 | 0.006643 | 0.006643 | 0.006643 | 0.006643 | 0.006643 | 0.006643 | 0.006643 | 0.006643 | 0.006643 | 0.006643 | 0.006643 | 0.006643 | 0.006770 | 0.005886 | 0.006590 | 0.007091 | 0.007046 | 0.007420 | 0.006356 | 0.007488 | 0.005824 | 0.008307 | 0.007906 | 0.007958 | 0.006350 | 0.008285 | 0.008865 | 0.008726 | 0.007476 | 0.009892 | 0.008109 | 0.008084 | 0.007598 | 0.007159 | 0.009096 | 0.007058 | 0.008491 | 0.007258 | 0.007634 | 0.007390 |
| 0.085017 | 0.085381 | 0.000891 | 0.004122 | 0.002627 | 0.002315 | 0.002315 | 0.002264 | 0.002264 | 3.560603e-03 | 3.560603e-03 | 0.005187 | 0.005187 | 0.003629 | 0.003629 | 4.320672e-03 | 4.320672e-03 | 0.002866 | 0.002866 | 0.002646 | 0.002646 | 0.004012 | 0.004012 | 0.004012 | 0.004012 | 0.004012 | 0.004012 | 0.004012 | 0.004012 | 0.004012 | 0.004012 | 0.004012 | 0.004012 | 0.004724 | 0.004708 | 0.005113 | 0.005060 | 0.006183 | 0.005949 | 0.005369 | 0.005583 | 0.005440 | 0.006365 | 0.005029 | 0.006683 | 0.005748 | 0.005865 | 0.007088 | 0.006876 | 0.007242 | 0.007199 | 0.005880 | 0.007206 | 0.006939 | 0.007375 | 0.006618 | 0.006682 | 0.008903 | 0.007545 | 0.006773 | 0.007836 |
| 0.085043 | 0.091626 | 0.001463 | 0.000488 | 0.001312 | 0.001164 | 0.001164 | 0.001569 | 0.001569 | 2.347397e-03 | 2.347397e-03 | 0.002905 | 0.002905 | 0.001821 | 0.001821 | 1.948045e-03 | 1.948045e-03 | 0.002906 | 0.002906 | 0.002737 | 0.002737 | 0.004559 | 0.004559 | 0.004559 | 0.004559 | 0.004559 | 0.004559 | 0.004559 | 0.004559 | 0.004559 | 0.004559 | 0.004559 | 0.004559 | 0.003970 | 0.003652 | 0.004835 | 0.004663 | 0.004411 | 0.004451 | 0.004485 | 0.003460 | 0.002995 | 0.005647 | 0.005034 | 0.003502 | 0.005218 | 0.005056 | 0.005181 | 0.005361 | 0.005682 | 0.004894 | 0.005676 | 0.005158 | 0.005074 | 0.006038 | 0.005814 | 0.005481 | 0.006442 | 0.005821 | 0.005939 | 0.005989 |
| 0.085068 | 0.09787 | 0.001936 | 0.000812 | 0.002187 | 0.000255 | 0.000255 | 0.000905 | 0.000905 | 2.049571e-03 | 2.049571e-03 | 0.001829 | 0.001829 | 0.001836 | 0.001836 | 2.052248e-03 | 2.052248e-03 | 0.001711 | 0.001711 | 0.001856 | 0.001856 | 0.003352 | 0.003352 | 0.003352 | 0.003352 | 0.003352 | 0.003352 | 0.003352 | 0.003352 | 0.003352 | 0.003352 | 0.003352 | 0.003352 | 0.002975 | 0.002931 | 0.002357 | 0.003219 | 0.003920 | 0.003292 | 0.004081 | 0.003861 | 0.003175 | 0.004249 | 0.003514 | 0.002954 | 0.003648 | 0.004461 | 0.003399 | 0.005361 | 0.004265 | 0.003951 | 0.003639 | 0.004466 | 0.004507 | 0.003862 | 0.003481 | 0.003968 | 0.004494 | 0.005051 | 0.004535 | 0.005970 |
| 0.085094 | 0.104115 | -0.001037 | -0.000289 | 0.001104 | -0.000369 | -0.000369 | 0.000403 | 0.000403 | 7.547086e-04 | 7.547086e-04 | 0.000070 | 0.000070 | 0.000556 | 0.000556 | 2.763603e-04 | 2.763603e-04 | -0.000040 | -0.000040 | 0.000745 | 0.000745 | 0.002421 | 0.002421 | 0.002421 | 0.002421 | 0.002421 | 0.002421 | 0.002421 | 0.002421 | 0.002421 | 0.002421 | 0.002421 | 0.002421 | 0.001541 | 0.002372 | 0.003369 | 0.001208 | 0.002976 | 0.001891 | 0.002600 | 0.003721 | 0.001944 | 0.002294 | 0.003412 | 0.004394 | 0.004807 | 0.003013 | 0.002725 | 0.005668 | 0.004176 | 0.003936 | 0.003523 | 0.003896 | 0.001841 | 0.003817 | 0.004185 | 0.003909 | 0.003640 | 0.004042 | 0.004355 | 0.004827 |
| 0.085119 | 0.11036 | -0.006336 | 0.001683 | 0.000086 | 0.007191 | 0.007191 | -0.000171 | -0.000171 | -4.884251e-02 | -4.884251e-02 | 0.049492 | 0.049492 | -0.001291 | -0.001291 | 1.203013e-03 | 1.203013e-03 | -0.003822 | -0.003822 | -0.002211 | -0.002211 | 0.002150 | 0.002150 | 0.002150 | 0.002150 | 0.002150 | 0.002150 | 0.002150 | 0.002150 | 0.002150 | 0.002150 | 0.002150 | 0.002150 | 0.000256 | 0.000856 | 0.001839 | 0.002217 | 0.000691 | 0.001672 | 0.001591 | -0.007700 | 0.001423 | 0.001492 | 0.001005 | 0.001828 | 0.001886 | 0.000965 | 0.001416 | 0.001003 | 0.004038 | 0.002480 | 0.001910 | 0.001902 | 0.002873 | 0.003357 | 0.001784 | 0.003275 | 0.001908 | 0.002469 | 0.003435 | 0.003216 |
| 0.087011 | 0.11473 | -0.001567 | 0.004093 | 0.001485 | -0.038296 | -0.038296 | -0.031069 | -0.031069 | 1.482690e-03 | 1.482690e-03 | 0.004450 | 0.004450 | -0.009695 | -0.009695 | -3.261108e-03 | -3.261108e-03 | -0.069409 | -0.069409 | -0.000003 | -0.000003 | -0.000378 | -0.000378 | -0.000378 | -0.000378 | -0.000378 | -0.000378 | -0.000378 | -0.000378 | -0.000378 | -0.000378 | -0.000378 | -0.000378 | -0.000141 | 0.027741 | -0.004898 | 0.001705 | 0.002568 | -0.027459 | 0.000746 | 0.001533 | 0.001118 | 0.002512 | 0.000695 | -0.000970 | 0.001863 | -0.001111 | 0.035911 | 0.001781 | 0.002528 | 0.003493 | 0.001368 | 0.000175 | 0.001792 | 0.001038 | 0.001914 | 0.002492 | 0.003327 | -0.001610 | 0.014959 | 0.002653 |
| 0.093256 | 0.11473 | 0.005587 | -0.032150 | -0.004583 | -0.005262 | -0.005262 | -0.003638 | -0.003638 | -2.818819e-03 | -2.818819e-03 | 0.007823 | 0.007823 | 0.004833 | 0.004833 | 2.783990e-03 | 2.783990e-03 | -0.022496 | -0.022496 | 0.024124 | 0.024124 | 0.037519 | 0.037519 | 0.037519 | 0.037519 | 0.037519 | 0.037519 | 0.037519 | 0.037519 | 0.037519 | 0.037519 | 0.037519 | 0.037519 | 0.001509 | 0.000888 | 0.002060 | 0.003754 | 0.002797 | 0.002983 | 0.002540 | 0.005642 | -0.028453 | 0.003152 | 0.016632 | -0.001218 | -0.000417 | -0.000630 | 0.000009 | -0.000335 | -0.002583 | 0.000893 | -0.000190 | 0.000754 | -0.000564 | -0.032298 | 0.002509 | 0.002076 | 0.003364 | 0.004465 | -0.000379 | 0.002785 |
| 0.099501 | 0.11473 | -0.000564 | -0.013244 | -0.015486 | -0.016041 | -0.016041 | -0.009267 | -0.009267 | -9.902564e-03 | -9.902564e-03 | -0.008223 | -0.008223 | -0.034312 | -0.034312 | -4.600726e-04 | -4.600726e-04 | 0.011089 | 0.011089 | 0.008042 | 0.008042 | 0.077026 | 0.077026 | 0.077026 | 0.077026 | 0.077026 | 0.077026 | 0.077026 | 0.077026 | 0.077026 | 0.077026 | 0.077026 | 0.077026 | 0.003459 | -0.000557 | -0.000318 | 0.000882 | 0.001058 | -0.000701 | -0.002165 | -0.001329 | -0.005030 | -0.005587 | -0.002189 | -0.002813 | -0.010561 | -0.004657 | -0.003543 | 0.070120 | -0.003542 | -0.057910 | -0.000399 | -0.003663 | -0.000575 | -0.001854 | 0.003887 | 0.008676 | 0.004515 | -0.052984 | 0.011178 | -0.021056 |
| 0.105745 | 0.11473 | -0.009995 | -0.010698 | -0.008046 | -0.004916 | -0.004916 | -0.006168 | -0.006168 | -1.258450e-02 | -1.258450e-02 | -0.005254 | -0.005254 | -0.035673 | -0.035673 | -2.105390e-02 | -2.105390e-02 | -0.017106 | -0.017106 | -0.013601 | -0.013601 | -0.013241 | -0.013241 | -0.013241 | -0.013241 | -0.013241 | -0.013241 | -0.013241 | -0.013241 | -0.013241 | -0.013241 | -0.013241 | -0.013241 | 0.006866 | -0.002174 | -0.001280 | -0.002426 | -0.001202 | -0.001317 | 0.000838 | 0.006403 | 0.033393 | 0.006259 | 0.007665 | 0.019036 | 0.008540 | 0.001890 | 0.013814 | 0.010975 | 0.013648 | 0.007712 | 0.004623 | 0.005747 | 0.006897 | -0.000260 | -0.017574 | -0.028040 | 0.003277 | 0.004103 | 0.003477 | 0.002181 |
| 0.11199 | 0.11473 | -0.001543 | -0.004655 | -0.001937 | 0.001185 | 0.001185 | -0.048756 | -0.048756 | -1.662935e-02 | -1.662935e-02 | -0.021296 | -0.021296 | -0.023954 | -0.023954 | -4.311467e-03 | -4.311467e-03 | -0.027906 | -0.027906 | -0.007044 | -0.007044 | 0.052401 | 0.052401 | 0.052401 | 0.052401 | 0.052401 | 0.052401 | 0.052401 | 0.052401 | 0.052401 | 0.052401 | 0.052401 | 0.052401 | -0.004190 | -0.061479 | -0.014083 | -0.004712 | -0.009931 | 0.043306 | -0.003247 | 0.010225 | 0.063693 | 0.011465 | 0.006095 | 0.010813 | 0.039293 | 0.009321 | 0.008094 | 0.017748 | 0.000718 | 0.015240 | 0.018983 | 0.005929 | 0.001146 | 0.000828 | 0.009469 | 0.001044 | -0.017706 | 0.013401 | 0.004660 | 0.048272 |
| 0.118235 | 0.11473 | 0.008464 | -0.017241 | -0.002230 | 0.002623 | 0.002623 | -0.001535 | -0.001535 | -2.413530e-03 | -2.413530e-03 | -0.007856 | -0.007856 | -0.012379 | -0.012379 | -1.095711e-02 | -1.095711e-02 | -0.010040 | -0.010040 | 0.025301 | 0.025301 | 0.030906 | 0.030906 | 0.030906 | 0.030906 | 0.030906 | 0.030906 | 0.030906 | 0.030906 | 0.030906 | 0.030906 | 0.030906 | 0.030906 | 0.034014 | -0.013509 | -0.006248 | -0.000739 | -0.021511 | -0.062003 | 0.016909 | 0.002841 | -0.000970 | -0.000061 | -0.000533 | -0.035798 | -0.001840 | 0.001336 | 0.008503 | -0.004090 | 0.013581 | 0.013779 | 0.013837 | 0.012039 | 0.009355 | 0.012235 | 0.046842 | 0.009491 | -0.011090 | 0.002726 | -0.001089 | -0.007653 |
| 0.12448 | 0.11473 | 0.005153 | 0.006333 | 0.004793 | 0.003717 | 0.003717 | 0.001387 | 0.001387 | -6.952460e-03 | -6.952460e-03 | -0.008983 | -0.008983 | -0.009920 | -0.009920 | -8.891925e-03 | -8.891925e-03 | -0.009873 | -0.009873 | -0.018019 | -0.018019 | -0.010534 | -0.010534 | -0.010534 | -0.010534 | -0.010534 | -0.010534 | -0.010534 | -0.010534 | -0.010534 | -0.010534 | -0.010534 | -0.010534 | -0.011858 | -0.010524 | -0.012566 | -0.010555 | -0.011877 | -0.008553 | -0.011303 | 0.017072 | -0.018954 | 0.065743 | -0.008036 | 0.070292 | -0.000008 | 0.000953 | 0.002486 | 0.078318 | 0.006869 | 0.012692 | 0.016588 | 0.018598 | 0.021193 | 0.016145 | 0.017876 | 0.009897 | 0.012935 | 0.012082 | 0.012240 | 0.013091 |
| 0.130724 | 0.11473 | 0.006720 | 0.005813 | 0.005864 | 0.008156 | 0.008156 | 0.001491 | 0.001491 | 1.056091e-02 | 1.056091e-02 | -0.005226 | -0.005226 | -0.004020 | -0.004020 | -3.780291e-03 | -3.780291e-03 | -0.006112 | -0.006112 | -0.005906 | -0.005906 | -0.005903 | -0.005903 | -0.005903 | -0.005903 | -0.005903 | -0.005903 | -0.005903 | -0.005903 | -0.005903 | -0.005903 | -0.005903 | -0.005903 | -0.008519 | -0.005459 | -0.006943 | -0.001321 | -0.003364 | -0.005299 | -0.003053 | -0.005728 | -0.009044 | -0.005195 | -0.007175 | -0.003014 | 0.001565 | 0.001550 | 0.000187 | -0.014380 | 0.002730 | 0.002470 | 0.010257 | 0.006479 | 0.006416 | 0.007179 | 0.006342 | 0.006013 | 0.006500 | 0.009249 | 0.004295 | 0.004324 |
| 0.136969 | 0.11473 | 0.004511 | 0.005545 | 0.002074 | 0.000728 | 0.000728 | -0.001713 | -0.001713 | -2.065865e-03 | -2.065865e-03 | -0.002277 | -0.002277 | -0.002839 | -0.002839 | -3.040193e-03 | -3.040193e-03 | -0.003899 | -0.003899 | -0.007074 | -0.007074 | -0.003191 | -0.003191 | -0.003191 | -0.003191 | -0.003191 | -0.003191 | -0.003191 | -0.003191 | -0.003191 | -0.003191 | -0.003191 | -0.003191 | -0.003062 | -0.003697 | -0.006045 | -0.006925 | -0.002197 | -0.004345 | -0.006364 | -0.002927 | -0.005757 | -0.004441 | -0.004702 | -0.003826 | -0.001612 | -0.002893 | 0.000449 | -0.000022 | 0.001194 | 0.006072 | 0.010396 | 0.011615 | 0.012719 | 0.010755 | 0.017081 | 0.007731 | 0.009930 | 0.007536 | 0.008862 | 0.004800 |
| 0.143214 | 0.11473 | 0.000132 | 0.000566 | -0.000551 | -0.001286 | -0.001286 | -0.000587 | -0.000587 | -6.523438e-04 | -6.523438e-04 | -0.001611 | -0.001611 | 0.024266 | 0.024266 | -5.583895e-03 | -5.583895e-03 | -0.002784 | -0.002784 | -0.004385 | -0.004385 | -0.004059 | -0.004059 | -0.004059 | -0.004059 | -0.004059 | -0.004059 | -0.004059 | -0.004059 | -0.004059 | -0.004059 | -0.004059 | -0.004059 | -0.003018 | -0.001436 | -0.003093 | -0.004791 | -0.002625 | -0.001614 | -0.001653 | -0.002585 | -0.003970 | -0.004647 | -0.002564 | -0.004274 | -0.002973 | -0.005278 | -0.002006 | -0.001852 | 0.002281 | -0.003001 | -0.001219 | -0.004676 | -0.001736 | -0.001695 | 0.002320 | 0.000080 | 0.001257 | 0.001412 | 0.000693 | 0.006559 |
| 0.149459 | 0.11473 | -0.001364 | 0.001345 | 0.005401 | -0.000503 | -0.000503 | -0.000279 | -0.000279 | -7.033203e-04 | -7.033203e-04 | -0.001150 | -0.001150 | -0.001893 | -0.001893 | -2.045549e-03 | -2.045549e-03 | -0.002047 | -0.002047 | -0.003323 | -0.003323 | -0.002347 | -0.002347 | -0.002347 | -0.002347 | -0.002347 | -0.002347 | -0.002347 | -0.002347 | -0.002347 | -0.002347 | -0.002347 | -0.002347 | -0.002876 | -0.002283 | -0.002265 | -0.002633 | -0.001092 | 0.001064 | -0.004628 | -0.000609 | -0.001746 | 0.000518 | -0.003956 | 0.015071 | -0.000393 | -0.001302 | -0.001874 | 0.021107 | -0.002119 | -0.010366 | -0.002217 | -0.001611 | 0.000239 | -0.001460 | 0.001146 | -0.002061 | -0.001419 | -0.000737 | -0.000602 | -0.000636 |
| 0.155655 | 0.114683 | 0.001011 | 0.000237 | 0.001495 | -0.000226 | -0.000226 | -0.000660 | -0.000660 | 3.045844e-05 | 3.045844e-05 | -0.002264 | -0.002264 | -0.000775 | -0.000775 | -1.982555e-03 | -1.982555e-03 | -0.001702 | -0.001702 | -0.000704 | -0.000704 | -0.000579 | -0.000579 | -0.000579 | -0.000579 | -0.000579 | -0.000579 | -0.000579 | -0.000579 | -0.000579 | -0.000579 | -0.000579 | -0.000579 | -0.001285 | -0.000478 | 0.001158 | -0.002302 | 0.000397 | -0.001781 | 0.000037 | 0.017290 | 0.004073 | 0.002352 | 0.001996 | 0.001487 | 0.002158 | -0.009427 | -0.038772 | 0.002665 | 0.001470 | 0.002459 | 0.001660 | 0.001989 | 0.000825 | 0.001586 | 0.001557 | 0.000829 | 0.003119 | -0.013161 | -0.032025 | 0.000117 |
| 0.155435 | 0.108442 | -0.000008 | -0.001152 | -0.000658 | -0.001886 | -0.001886 | -0.001483 | -0.001483 | -6.970131e-04 | -6.970131e-04 | -0.002479 | -0.002479 | -0.001361 | -0.001361 | -2.041063e-03 | -2.041063e-03 | -0.002693 | -0.002693 | -0.002333 | -0.002333 | -0.000255 | -0.000255 | -0.000255 | -0.000255 | -0.000255 | -0.000255 | -0.000255 | -0.000255 | -0.000255 | -0.000255 | -0.000255 | -0.000255 | -0.000147 | 0.000502 | 0.000478 | 0.000560 | 0.000989 | 0.001941 | 0.001416 | 0.001600 | 0.001301 | 0.002270 | 0.002091 | 0.001209 | 0.001271 | 0.000836 | 0.001802 | 0.000098 | 0.001208 | 0.000825 | 0.001189 | 0.001382 | 0.000252 | 0.000777 | 0.001697 | 0.001465 | 0.001916 | 0.001450 | 0.002721 | 0.000983 |
| 0.155215 | 0.102202 | -0.001519 | -0.001170 | -0.002075 | -0.002257 | -0.002257 | -0.002128 | -0.002128 | -2.326247e-03 | -2.326247e-03 | -0.002679 | -0.002679 | -0.002820 | -0.002820 | -2.100980e-03 | -2.100980e-03 | -0.003218 | -0.003218 | -0.002425 | -0.002425 | -0.001436 | -0.001436 | -0.001436 | -0.001436 | -0.001436 | -0.001436 | -0.001436 | -0.001436 | -0.001436 | -0.001436 | -0.001436 | -0.001436 | 0.000828 | 0.001511 | 0.001038 | 0.002060 | 0.001352 | 0.001420 | 0.000595 | 0.001215 | 0.001473 | 0.000842 | -0.000050 | 0.000693 | 0.000421 | 0.000994 | 0.000593 | 0.001380 | 0.001773 | -0.000084 | 0.002252 | 0.001267 | 0.001437 | 0.001285 | 0.001555 | 0.001567 | 0.002636 | 0.003041 | 0.001938 | 0.002942 |
| 0.154995 | 0.095961 | -0.002066 | -0.002370 | -0.002811 | -0.003094 | -0.003094 | -0.003139 | -0.003139 | -3.227338e-03 | -3.227338e-03 | -0.002134 | -0.002134 | -0.002108 | -0.002108 | -2.601153e-03 | -2.601153e-03 | -0.000726 | -0.000726 | -0.001539 | -0.001539 | 0.000852 | 0.000852 | 0.000852 | 0.000852 | 0.000852 | 0.000852 | 0.000852 | 0.000852 | 0.000852 | 0.000852 | 0.000852 | 0.000852 | 0.001237 | 0.001148 | 0.000839 | 0.000456 | 0.001815 | 0.001745 | 0.000571 | 0.001027 | 0.001189 | 0.000375 | 0.000744 | 0.000726 | 0.001095 | 0.001651 | 0.001121 | 0.001282 | 0.001700 | 0.001762 | 0.001690 | 0.002008 | 0.001080 | 0.002247 | 0.002346 | 0.002485 | 0.003304 | 0.003342 | 0.003342 | 0.003465 |
| 0.154775 | 0.08972 | -0.002753 | -0.003177 | -0.002246 | -0.002495 | -0.002495 | -0.002833 | -0.002833 | -2.046435e-03 | -2.046435e-03 | -0.001589 | -0.001589 | -0.000402 | -0.000402 | -1.188435e-03 | -1.188435e-03 | -0.002172 | -0.002172 | 0.000713 | 0.000713 | 0.000471 | 0.000471 | 0.000471 | 0.000471 | 0.000471 | 0.000471 | 0.000471 | 0.000471 | 0.000471 | 0.000471 | 0.000471 | 0.000471 | 0.000526 | 0.001111 | 0.000076 | 0.001331 | 0.001286 | 0.001633 | 0.000780 | 0.001912 | 0.002294 | 0.001738 | 0.000337 | 0.002024 | 0.001973 | 0.001379 | 0.001567 | 0.002332 | 0.003573 | 0.002350 | 0.003479 | 0.002757 | 0.003211 | 0.003136 | 0.004138 | 0.003674 | 0.004469 | 0.003812 | 0.002960 | 0.005422 |
| 0.154555 | 0.083479 | -0.002794 | -0.005800 | -0.002464 | -0.002744 | -0.002744 | -0.001417 | -0.001417 | -9.925365e-04 | -9.925365e-04 | 0.000472 | 0.000472 | 0.000849 | 0.000849 | 9.228973e-04 | 9.228973e-04 | -0.000323 | -0.000323 | 0.000254 | 0.000254 | 0.000769 | 0.000769 | 0.000769 | 0.000769 | 0.000769 | 0.000769 | 0.000769 | 0.000769 | 0.000769 | 0.000769 | 0.000769 | 0.000769 | 0.001989 | 0.003330 | 0.001119 | 0.001133 | 0.000813 | 0.001597 | 0.001328 | 0.002375 | 0.001195 | 0.001870 | 0.001928 | 0.003143 | 0.001670 | 0.002637 | 0.002017 | 0.000643 | 0.003974 | 0.003436 | 0.003321 | 0.002717 | 0.003608 | 0.003990 | 0.003709 | 0.001316 | 0.004634 | 0.002114 | 0.004219 | 0.002463 |
| 0.154335 | 0.077238 | -0.001839 | -0.000686 | -0.000257 | 0.000414 | 0.000414 | -0.000459 | -0.000459 | 1.286366e-04 | 1.286366e-04 | 0.000577 | 0.000577 | 0.000595 | 0.000595 | 3.501735e-04 | 3.501735e-04 | -0.000063 | -0.000063 | 0.000640 | 0.000640 | 0.000039 | 0.000039 | 0.000039 | 0.000039 | 0.000039 | 0.000039 | 0.000039 | 0.000039 | 0.000039 | 0.000039 | 0.000039 | 0.000039 | 0.001001 | 0.002576 | 0.001288 | 0.001009 | 0.002287 | 0.001675 | 0.002039 | 0.003026 | 0.002012 | 0.003179 | 0.002634 | 0.003690 | 0.002874 | 0.002840 | 0.002941 | 0.002134 | 0.002761 | 0.002542 | 0.003159 | 0.001924 | 0.003666 | 0.002115 | 0.001837 | 0.001410 | 0.002125 | 0.001990 | 0.000695 | 0.000836 |
| 0.154115 | 0.070997 | 0.000647 | 0.001238 | -0.000099 | 0.001530 | 0.001530 | 0.000009 | 0.000009 | 2.923497e-05 | 2.923497e-05 | 0.000135 | 0.000135 | 0.000641 | 0.000641 | 6.308909e-04 | 6.308909e-04 | -0.000234 | -0.000234 | -0.000377 | -0.000377 | 0.001193 | 0.001193 | 0.001193 | 0.001193 | 0.001193 | 0.001193 | 0.001193 | 0.001193 | 0.001193 | 0.001193 | 0.001193 | 0.001193 | 0.001373 | 0.001819 | 0.000821 | 0.002158 | 0.002531 | 0.002129 | 0.002309 | 0.002583 | 0.002470 | 0.001639 | 0.002311 | 0.002285 | 0.001185 | 0.001179 | 0.002728 | 0.000504 | 0.001262 | 0.000724 | 0.001123 | -0.000063 | 0.000421 | 0.000527 | -0.000075 | -0.000476 | -0.000131 | -0.000929 | -0.001425 | -0.001715 |
| 0.153896 | 0.064756 | 0.000302 | -0.000107 | 0.000117 | 0.000313 | 0.000313 | 0.000005 | 0.000005 | -1.538707e-04 | -1.538707e-04 | 0.000229 | 0.000229 | -0.000326 | -0.000326 | 2.348496e-04 | 2.348496e-04 | -0.000477 | -0.000477 | 0.000495 | 0.000495 | 0.000929 | 0.000929 | 0.000929 | 0.000929 | 0.000929 | 0.000929 | 0.000929 | 0.000929 | 0.000929 | 0.000929 | 0.000929 | 0.000929 | 0.000745 | 0.001028 | 0.001252 | 0.001113 | 0.001205 | 0.001851 | 0.001548 | 0.000968 | 0.000392 | 0.000535 | -0.000244 | 0.000982 | -0.000986 | -0.000553 | -0.000385 | -0.001082 | -0.000909 | -0.001613 | -0.000125 | -0.002578 | -0.001596 | -0.003031 | -0.002633 | -0.002550 | -0.001243 | -0.003966 | -0.002526 | -0.002249 |
| 0.149583 | 0.062817 | -0.000205 | 0.000042 | 0.000860 | -0.000465 | -0.000465 | -0.000466 | -0.000466 | -6.580536e-04 | -6.580536e-04 | 0.000336 | 0.000336 | 0.000519 | 0.000519 | 8.275423e-04 | 8.275423e-04 | 0.001285 | 0.001285 | 0.002055 | 0.002055 | 0.000804 | 0.000804 | 0.000804 | 0.000804 | 0.000804 | 0.000804 | 0.000804 | 0.000804 | 0.000804 | 0.000804 | 0.000804 | 0.000804 | -0.000220 | 0.001575 | 0.000554 | 0.000385 | 0.001302 | 0.001344 | 0.000254 | -0.000234 | 0.000229 | -0.000164 | -0.000194 | 0.000070 | 0.000018 | -0.001894 | -0.001493 | -0.001967 | -0.001880 | -0.002962 | -0.001625 | -0.003461 | -0.003421 | -0.005233 | -0.003376 | -0.005425 | -0.005111 | -0.004898 | -0.005281 | -0.005583 |
| 0.143339 | 0.062907 | -0.000155 | 0.000631 | 0.000760 | 0.001015 | 0.001015 | -0.000401 | -0.000401 | 7.585699e-04 | 7.585699e-04 | 0.001200 | 0.001200 | 0.001431 | 0.001431 | 1.278797e-03 | 1.278797e-03 | 0.001708 | 0.001708 | -0.000239 | -0.000239 | 0.002427 | 0.002427 | 0.002427 | 0.002427 | 0.002427 | 0.002427 | 0.002427 | 0.002427 | 0.002427 | 0.002427 | 0.002427 | 0.002427 | 0.002584 | 0.002977 | 0.004369 | 0.004344 | 0.004765 | 0.002174 | 0.002129 | 0.001892 | 0.001698 | 0.000962 | 0.000176 | -0.001424 | -0.002237 | -0.000649 | -0.002292 | -0.002852 | -0.002997 | -0.002174 | -0.002724 | -0.003279 | -0.004643 | -0.005407 | -0.005322 | -0.005908 | -0.005814 | -0.005389 | -0.005816 | -0.008522 |
| 0.137094 | 0.062997 | 0.003091 | 0.002838 | 0.002055 | 0.006105 | 0.006105 | 0.004499 | 0.004499 | 4.843071e-03 | 4.843071e-03 | 0.003925 | 0.003925 | 0.002992 | 0.002992 | 3.376156e-03 | 3.376156e-03 | 0.001346 | 0.001346 | 0.000092 | 0.000092 | 0.003780 | 0.003780 | 0.003780 | 0.003780 | 0.003780 | 0.003780 | 0.003780 | 0.003780 | 0.003780 | 0.003780 | 0.003780 | 0.003780 | 0.004545 | -0.000506 | 0.004571 | 0.004480 | 0.018630 | 0.005223 | 0.010230 | 0.008228 | 0.003567 | 0.001841 | 0.001342 | -0.002304 | -0.001984 | -0.003299 | -0.006012 | -0.004583 | -0.005508 | -0.003891 | -0.005176 | -0.006452 | -0.002996 | -0.004845 | -0.003599 | -0.002002 | -0.004642 | -0.001836 | -0.005062 | -0.004037 |
| 0.13085 | 0.063086 | 0.012268 | 0.020456 | 0.014567 | 0.020570 | 0.020570 | 0.014511 | 0.014511 | 1.083766e-02 | 1.083766e-02 | 0.008490 | 0.008490 | 0.014831 | 0.014831 | 1.230176e-02 | 1.230176e-02 | 0.012653 | 0.012653 | 0.011223 | 0.011223 | -0.002622 | -0.002622 | -0.002622 | -0.002622 | -0.002622 | -0.002622 | -0.002622 | -0.002622 | -0.002622 | -0.002622 | -0.002622 | -0.002622 | 0.000099 | -0.026633 | 0.000101 | -0.004075 | 0.009390 | 0.011402 | 0.032223 | 0.009971 | 0.005262 | 0.002117 | 0.002422 | -0.001140 | -0.003669 | -0.008172 | -0.007598 | -0.010054 | -0.006913 | -0.007319 | -0.011697 | -0.008266 | -0.009641 | -0.009291 | -0.006320 | -0.000480 | -0.000857 | 0.003167 | 0.004472 | 0.002462 |
| 0.124606 | 0.063176 | 0.014116 | 0.014708 | 0.011665 | 0.010693 | 0.010693 | 0.008468 | 0.008468 | 5.136789e-03 | 5.136789e-03 | 0.008514 | 0.008514 | 0.007174 | 0.007174 | 5.974150e-03 | 5.974150e-03 | 0.012569 | 0.012569 | -0.002119 | -0.002119 | -0.001230 | -0.001230 | -0.001230 | -0.001230 | -0.001230 | -0.001230 | -0.001230 | -0.001230 | -0.001230 | -0.001230 | -0.001230 | -0.001230 | -0.002657 | 0.001332 | 0.005205 | 0.011491 | 0.011784 | 0.003074 | 0.008321 | 0.010333 | 0.014722 | 0.013702 | 0.015103 | 0.013798 | 0.014295 | 0.019399 | 0.017369 | 0.020521 | 0.017701 | 0.016048 | 0.015266 | 0.012012 | 0.016910 | 0.011956 | 0.011331 | 0.008402 | 0.003765 | 0.010140 | 0.010093 | 0.022334 |
| 0.118362 | 0.063266 | 0.023834 | 0.032163 | 0.012526 | -0.003106 | -0.003106 | -0.001675 | -0.001675 | 5.254052e-04 | 5.254052e-04 | 0.004173 | 0.004173 | -0.001104 | -0.001104 | 1.075080e-02 | 1.075080e-02 | 0.012237 | 0.012237 | -0.011793 | -0.011793 | -0.005449 | -0.005449 | -0.005449 | -0.005449 | -0.005449 | -0.005449 | -0.005449 | -0.005449 | -0.005449 | -0.005449 | -0.005449 | -0.005449 | 0.003749 | 0.010369 | 0.014897 | 0.016245 | 0.017078 | 0.017200 | 0.018811 | 0.016394 | 0.018232 | 0.019749 | 0.021062 | 0.021305 | 0.019297 | 0.020126 | 0.020170 | 0.045067 | 0.020363 | 0.018284 | 0.018017 | 0.020214 | 0.016502 | 0.015934 | 0.016081 | 0.016527 | 0.017395 | 0.019194 | 0.019046 | 0.016552 |
| 0.112118 | 0.063356 | 0.003527 | 0.001558 | 0.020907 | -0.043494 | -0.043494 | -0.006625 | -0.006625 | 4.611978e-03 | 4.611978e-03 | 0.003027 | 0.003027 | 0.003579 | 0.003579 | 2.998683e-02 | 2.998683e-02 | 0.007657 | 0.007657 | 0.019163 | 0.019163 | 0.013109 | 0.013109 | 0.013109 | 0.013109 | 0.013109 | 0.013109 | 0.013109 | 0.013109 | 0.013109 | 0.013109 | 0.013109 | 0.013109 | 0.017361 | 0.017315 | 0.016933 | 0.018132 | 0.018038 | 0.022522 | 0.022843 | 0.017095 | 0.022112 | 0.021334 | 0.018486 | 0.016474 | 0.019119 | 0.016345 | 0.018247 | 0.019710 | -0.012678 | 0.021625 | 0.017632 | 0.017729 | 0.019057 | 0.019486 | 0.016974 | 0.019028 | 0.015884 | 0.024606 | 0.010450 | 0.008088 |
| 0.105874 | 0.063446 | -0.005722 | -0.006999 | -0.014617 | -0.007494 | -0.007494 | -0.004823 | -0.004823 | 3.610840e-02 | 3.610840e-02 | 0.001333 | 0.001333 | 0.005792 | 0.005792 | 7.705632e-03 | 7.705632e-03 | 0.007448 | 0.007448 | -0.014763 | -0.014763 | 0.013323 | 0.013323 | 0.013323 | 0.013323 | 0.013323 | 0.013323 | 0.013323 | 0.013323 | 0.013323 | 0.013323 | 0.013323 | 0.013323 | 0.012737 | 0.017271 | 0.011055 | 0.015664 | 0.015574 | 0.016334 | 0.017037 | 0.014980 | 0.016504 | 0.016404 | 0.015417 | 0.016853 | 0.016186 | 0.016087 | 0.017055 | 0.017321 | 0.017339 | 0.017526 | 0.017064 | 0.016719 | 0.016164 | 0.017401 | 0.017391 | 0.017670 | 0.017346 | 0.014545 | 0.014014 | 0.011677 |
| 0.09963 | 0.063536 | 0.008719 | 0.007269 | 0.005115 | 0.008225 | 0.008225 | -0.001998 | -0.001998 | -1.582952e-03 | -1.582952e-03 | 0.001279 | 0.001279 | 0.004222 | 0.004222 | 5.141822e-03 | 5.141822e-03 | 0.008622 | 0.008622 | 0.009182 | 0.009182 | 0.010995 | 0.010995 | 0.010995 | 0.010995 | 0.010995 | 0.010995 | 0.010995 | 0.010995 | 0.010995 | 0.010995 | 0.010995 | 0.010995 | 0.011409 | 0.012944 | 0.012693 | 0.015001 | 0.013018 | 0.015135 | 0.013180 | 0.012822 | 0.015056 | 0.012328 | 0.013720 | 0.013207 | 0.013459 | 0.014719 | 0.012511 | 0.014091 | 0.013875 | 0.012658 | 0.013382 | 0.012417 | 0.013872 | 0.012222 | 0.012720 | 0.012090 | 0.011787 | 0.012004 | 0.010645 | 0.009735 |
| 0.093386 | 0.063625 | 0.003240 | 0.001827 | 0.002970 | 0.001504 | 0.001504 | -0.001871 | -0.001871 | 1.407456e-03 | 1.407456e-03 | 0.000899 | 0.000899 | 0.003671 | 0.003671 | 6.627655e-03 | 6.627655e-03 | 0.007499 | 0.007499 | 0.008139 | 0.008139 | 0.011365 | 0.011365 | 0.011365 | 0.011365 | 0.011365 | 0.011365 | 0.011365 | 0.011365 | 0.011365 | 0.011365 | 0.011365 | 0.011365 | 0.011401 | 0.011306 | 0.012365 | 0.012840 | 0.010650 | 0.011742 | 0.012837 | 0.012681 | 0.011790 | 0.011974 | 0.012878 | 0.012602 | 0.011982 | 0.012729 | 0.011185 | 0.011863 | 0.012694 | 0.012201 | 0.010943 | 0.011715 | 0.011705 | 0.010550 | 0.011254 | 0.012639 | 0.010573 | 0.011109 | 0.010173 | 0.010359 |
| 0.090204 | 0.066704 | 0.004498 | 0.002959 | 0.005077 | 0.005219 | 0.005219 | 0.003925 | 0.003925 | 2.952667e-03 | 2.952667e-03 | 0.003286 | 0.003286 | 0.001813 | 0.001813 | 5.269204e-03 | 5.269204e-03 | 0.005998 | 0.005998 | 0.007398 | 0.007398 | 0.009847 | 0.009847 | 0.009847 | 0.009847 | 0.009847 | 0.009847 | 0.009847 | 0.009847 | 0.009847 | 0.009847 | 0.009847 | 0.009847 | 0.011128 | 0.011116 | 0.010739 | 0.011390 | 0.010778 | 0.010141 | 0.011009 | 0.010250 | 0.011670 | 0.010568 | 0.010385 | 0.011637 | 0.010424 | 0.011338 | 0.011096 | 0.011056 | 0.010412 | 0.011322 | 0.011325 | 0.011428 | 0.010769 | 0.009558 | 0.010718 | 0.011184 | 0.010514 | 0.009433 | 0.008816 | 0.009462 |
| 0.090266 | 0.072948 | 0.003781 | 0.003645 | 0.003621 | 0.003740 | 0.003740 | 0.003671 | 0.003671 | 4.267741e-03 | 4.267741e-03 | 0.003975 | 0.003975 | 0.002525 | 0.002525 | 3.816762e-03 | 3.816762e-03 | 0.003499 | 0.003499 | 0.006207 | 0.006207 | 0.007636 | 0.007636 | 0.007636 | 0.007636 | 0.007636 | 0.007636 | 0.007636 | 0.007636 | 0.007636 | 0.007636 | 0.007636 | 0.007636 | 0.007982 | 0.009741 | 0.008324 | 0.008786 | 0.008539 | 0.008932 | 0.010006 | 0.008850 | 0.009392 | 0.009688 | 0.009430 | 0.009226 | 0.010103 | 0.009895 | 0.009933 | 0.009785 | 0.008949 | 0.009790 | 0.009075 | 0.010447 | 0.009548 | 0.009339 | 0.009723 | 0.008744 | 0.010605 | 0.009283 | 0.009004 | 0.009474 |
| 0.090328 | 0.079193 | 0.002733 | 0.003252 | 0.003338 | 0.003162 | 0.003162 | 0.003383 | 0.003383 | 3.704440e-03 | 3.704440e-03 | 0.004992 | 0.004992 | 0.003142 | 0.003142 | 5.281675e-03 | 5.281675e-03 | 0.004737 | 0.004737 | 0.005090 | 0.005090 | 0.006294 | 0.006294 | 0.006294 | 0.006294 | 0.006294 | 0.006294 | 0.006294 | 0.006294 | 0.006294 | 0.006294 | 0.006294 | 0.006294 | 0.006473 | 0.005279 | 0.007210 | 0.005750 | 0.006659 | 0.008475 | 0.007857 | 0.008014 | 0.008016 | 0.008183 | 0.008000 | 0.007319 | 0.007984 | 0.008031 | 0.008422 | 0.009857 | 0.008944 | 0.008878 | 0.008887 | 0.008007 | 0.009389 | 0.007058 | 0.009353 | 0.008474 | 0.009421 | 0.007601 | 0.009224 | 0.008284 |
| 0.090389 | 0.085437 | 0.002447 | 0.000180 | 0.001197 | 0.002236 | 0.002236 | 0.002282 | 0.002282 | 2.590194e-03 | 2.590194e-03 | 0.002382 | 0.002382 | 0.002181 | 0.002181 | 3.713467e-03 | 3.713467e-03 | 0.003318 | 0.003318 | 0.002479 | 0.002479 | 0.005339 | 0.005339 | 0.005339 | 0.005339 | 0.005339 | 0.005339 | 0.005339 | 0.005339 | 0.005339 | 0.005339 | 0.005339 | 0.005339 | 0.003862 | 0.004287 | 0.003556 | 0.003285 | 0.005716 | 0.002653 | 0.004232 | 0.003664 | 0.004658 | 0.005196 | 0.005308 | 0.006913 | 0.005913 | 0.006627 | 0.007708 | 0.007026 | 0.007289 | 0.007138 | 0.006818 | 0.007605 | 0.007202 | 0.007427 | 0.007056 | 0.008348 | 0.009124 | 0.008087 | 0.007881 | 0.008381 |
| 0.090451 | 0.091682 | 0.000714 | -0.000351 | 0.000289 | 0.000271 | 0.000271 | 0.000626 | 0.000626 | 1.524070e-03 | 1.524070e-03 | 0.001014 | 0.001014 | 0.000849 | 0.000849 | 1.368267e-03 | 1.368267e-03 | 0.001049 | 0.001049 | -0.000179 | -0.000179 | 0.006136 | 0.006136 | 0.006136 | 0.006136 | 0.006136 | 0.006136 | 0.006136 | 0.006136 | 0.006136 | 0.006136 | 0.006136 | 0.006136 | 0.002345 | 0.004077 | 0.004157 | 0.003743 | 0.003676 | 0.004018 | 0.003659 | 0.003688 | 0.002652 | 0.003603 | 0.003030 | 0.002327 | 0.003458 | 0.003170 | 0.004877 | 0.003898 | 0.006356 | 0.005969 | 0.005226 | 0.005816 | 0.005312 | 0.006023 | 0.005947 | 0.006232 | 0.006143 | 0.006566 | 0.007654 | 0.006797 |
| 0.090513 | 0.097926 | -0.000429 | -0.000925 | 0.001103 | -0.000314 | -0.000314 | 0.000916 | 0.000916 | 1.436028e-03 | 1.436028e-03 | -0.001633 | -0.001633 | -0.000746 | -0.000746 | 1.543650e-03 | 1.543650e-03 | 0.001612 | 0.001612 | 0.002895 | 0.002895 | 0.002096 | 0.002096 | 0.002096 | 0.002096 | 0.002096 | 0.002096 | 0.002096 | 0.002096 | 0.002096 | 0.002096 | 0.002096 | 0.002096 | 0.003914 | 0.003064 | 0.022764 | -0.036293 | 0.004592 | 0.006766 | 0.003602 | 0.004250 | 0.003781 | 0.004933 | 0.003473 | 0.003070 | 0.002872 | 0.002584 | 0.003548 | 0.002506 | 0.003114 | 0.002352 | 0.003394 | 0.004206 | 0.002874 | 0.004315 | 0.002972 | 0.004899 | 0.004689 | 0.005393 | 0.005236 | 0.005549 |
| 0.090575 | 0.104171 | -0.000493 | -0.000832 | -0.000268 | -0.002079 | -0.002079 | -0.001041 | -0.001041 | -2.302350e-02 | -2.302350e-02 | -0.000038 | -0.000038 | 0.000218 | 0.000218 | -1.396449e-02 | -1.396449e-02 | -0.000585 | -0.000585 | 0.001311 | 0.001311 | 0.000920 | 0.000920 | 0.000920 | 0.000920 | 0.000920 | 0.000920 | 0.000920 | 0.000920 | 0.000920 | 0.000920 | 0.000920 | 0.000920 | 0.000443 | 0.001694 | -0.000196 | 0.000801 | 0.000258 | 0.000454 | 0.000493 | 0.001301 | 0.003273 | 0.002442 | 0.002822 | 0.002693 | 0.004749 | 0.003675 | 0.003924 | 0.003189 | -0.010356 | -0.005892 | 0.003746 | 0.004950 | 0.002729 | 0.003725 | 0.003117 | 0.002938 | -0.000776 | 0.001009 | 0.002650 | 0.004842 |
| 0.091125 | 0.109926 | -0.000109 | -0.000218 | -0.002149 | -0.001475 | -0.001475 | -0.000019 | -0.000019 | 2.315215e-03 | 2.315215e-03 | -0.032605 | -0.032605 | -0.004025 | -0.004025 | -1.213901e-03 | -1.213901e-03 | 0.000674 | 0.000674 | -0.016615 | -0.016615 | 0.001640 | 0.001640 | 0.001640 | 0.001640 | 0.001640 | 0.001640 | 0.001640 | 0.001640 | 0.001640 | 0.001640 | 0.001640 | 0.001640 | 0.002171 | 0.002359 | 0.000861 | 0.000361 | -0.000081 | 0.000264 | 0.000001 | 0.020447 | -0.001413 | 0.000333 | 0.000984 | 0.000334 | 0.000273 | 0.002551 | 0.023080 | -0.030228 | 0.001402 | 0.001875 | 0.002527 | 0.000987 | 0.004099 | 0.013184 | 0.004287 | 0.004821 | 0.002576 | 0.002805 | 0.002896 | 0.004649 |
| 0.09737 | 0.109973 | -0.008468 | -0.010804 | -0.009112 | -0.045624 | -0.045624 | 0.008041 | 0.008041 | 3.366443e-03 | 3.366443e-03 | -0.004987 | -0.004987 | 0.000337 | 0.000337 | 2.185256e-03 | 2.185256e-03 | 0.004182 | 0.004182 | 0.007205 | 0.007205 | -0.002038 | -0.002038 | -0.002038 | -0.002038 | -0.002038 | -0.002038 | -0.002038 | -0.002038 | -0.002038 | -0.002038 | -0.002038 | -0.002038 | 0.000457 | 0.001239 | 0.002881 | -0.000873 | -0.000172 | 0.002626 | -0.001738 | -0.000695 | 0.000752 | -0.001233 | -0.001499 | -0.001536 | -0.001315 | 0.001232 | -0.000786 | -0.004146 | 0.000904 | 0.004227 | 0.004989 | 0.070727 | 0.004028 | -0.009019 | 0.001869 | 0.039840 | -0.002801 | 0.023013 | 0.005253 | -0.006376 |
| 0.103614 | 0.110021 | -0.040079 | -0.004411 | -0.004213 | -0.005964 | -0.005964 | -0.008030 | -0.008030 | 2.622811e-02 | 2.622811e-02 | 0.016444 | 0.016444 | -0.014181 | -0.014181 | -1.344233e-02 | -1.344233e-02 | -0.010278 | -0.010278 | -0.007730 | -0.007730 | -0.013237 | -0.013237 | -0.013237 | -0.013237 | -0.013237 | -0.013237 | -0.013237 | -0.013237 | -0.013237 | -0.013237 | -0.013237 | -0.013237 | -0.006863 | -0.006292 | -0.006663 | -0.005134 | -0.019831 | -0.002982 | 0.006091 | 0.000294 | -0.008854 | -0.043724 | 0.002489 | -0.001141 | 0.009189 | 0.017400 | 0.000616 | 0.008697 | -0.014790 | 0.039068 | -0.003815 | -0.001846 | 0.001395 | 0.009267 | -0.000533 | -0.007476 | -0.036322 | 0.001444 | -0.000165 | 0.001040 |
| 0.109859 | 0.110069 | 0.021308 | 0.038559 | -0.043690 | 0.011937 | 0.011937 | -0.013668 | -0.013668 | -1.076939e-02 | -1.076939e-02 | -0.013048 | -0.013048 | -0.010603 | -0.010603 | -2.102243e-02 | -2.102243e-02 | -0.020455 | -0.020455 | -0.019544 | -0.019544 | -0.033174 | -0.033174 | -0.033174 | -0.033174 | -0.033174 | -0.033174 | -0.033174 | -0.033174 | -0.033174 | -0.033174 | -0.033174 | -0.033174 | 0.025091 | -0.006802 | 0.004097 | 0.003416 | -0.001611 | 0.003737 | 0.005926 | 0.007874 | 0.011339 | 0.013052 | 0.008366 | -0.055815 | 0.030947 | 0.008448 | 0.018957 | 0.000971 | 0.001344 | -0.000171 | 0.000696 | 0.000876 | -0.000288 | -0.000377 | -0.010564 | -0.009287 | -0.025708 | -0.006549 | -0.001297 | 0.002870 |
| 0.116103 | 0.110117 | 0.050046 | -0.012165 | -0.011338 | -0.015312 | -0.015312 | -0.012580 | -0.012580 | -1.282571e-02 | -1.282571e-02 | -0.009229 | -0.009229 | -0.011903 | -0.011903 | -1.155969e-02 | -1.155969e-02 | -0.016540 | -0.016540 | -0.012582 | -0.012582 | -0.010270 | -0.010270 | -0.010270 | -0.010270 | -0.010270 | -0.010270 | -0.010270 | -0.010270 | -0.010270 | -0.010270 | -0.010270 | -0.010270 | 0.024153 | -0.022722 | -0.000446 | 0.032525 | -0.004576 | -0.006229 | 0.008387 | 0.013367 | 0.007534 | 0.009938 | 0.012214 | 0.011561 | 0.011768 | 0.012600 | 0.018982 | 0.016299 | 0.003559 | -0.004983 | 0.009976 | 0.005854 | -0.044460 | 0.007451 | 0.007207 | 0.007789 | 0.003944 | -0.018659 | 0.009380 | -0.002830 |
| 0.122348 | 0.110165 | -0.001406 | -0.001857 | -0.002778 | -0.008100 | -0.008100 | -0.009170 | -0.009170 | -1.158729e-02 | -1.158729e-02 | -0.010835 | -0.010835 | -0.012714 | -0.012714 | -8.595899e-03 | -8.595899e-03 | -0.010169 | -0.010169 | -0.054485 | -0.054485 | -0.008045 | -0.008045 | -0.008045 | -0.008045 | -0.008045 | -0.008045 | -0.008045 | -0.008045 | -0.008045 | -0.008045 | -0.008045 | -0.008045 | -0.006916 | -0.007382 | -0.007115 | -0.008940 | -0.008067 | 0.061086 | -0.014160 | 0.000237 | 0.005805 | 0.004631 | 0.003111 | 0.015714 | 0.016229 | 0.010874 | 0.010069 | 0.009547 | 0.012230 | 0.014446 | 0.015662 | 0.013371 | 0.013402 | 0.011803 | 0.013163 | 0.002742 | 0.003899 | 0.028130 | -0.007537 | 0.000972 |
| 0.128592 | 0.110213 | 0.004302 | 0.003513 | 0.002598 | -0.001888 | -0.001888 | -0.006948 | -0.006948 | -6.370099e-03 | -6.370099e-03 | -0.005938 | -0.005938 | -0.005266 | -0.005266 | -7.558850e-03 | -7.558850e-03 | -0.007665 | -0.007665 | -0.010842 | -0.010842 | -0.010782 | -0.010782 | -0.010782 | -0.010782 | -0.010782 | -0.010782 | -0.010782 | -0.010782 | -0.010782 | -0.010782 | -0.010782 | -0.010782 | -0.006652 | -0.007373 | -0.005397 | -0.004627 | -0.002976 | 0.016294 | -0.010187 | 0.024655 | 0.030056 | 0.005148 | 0.014337 | 0.012092 | 0.013309 | 0.011357 | 0.014792 | 0.030373 | 0.013262 | 0.001934 | 0.008745 | 0.009770 | 0.008856 | 0.012732 | 0.007034 | 0.006318 | 0.011394 | 0.010139 | 0.010962 | 0.009296 |
| 0.134837 | 0.11026 | 0.000674 | 0.001047 | -0.000804 | -0.002395 | -0.002395 | -0.004220 | -0.004220 | -3.719145e-03 | -3.719145e-03 | -0.004817 | -0.004817 | -0.006330 | -0.006330 | -3.735100e-03 | -3.735100e-03 | -0.006678 | -0.006678 | -0.005107 | -0.005107 | -0.007856 | -0.007856 | -0.007856 | -0.007856 | -0.007856 | -0.007856 | -0.007856 | -0.007856 | -0.007856 | -0.007856 | -0.007856 | -0.007856 | -0.004630 | -0.006943 | -0.005842 | -0.004137 | -0.005588 | -0.005943 | -0.002993 | -0.007261 | -0.004799 | -0.004220 | -0.002361 | 0.001508 | 0.002192 | 0.007934 | 0.010874 | 0.011026 | 0.009868 | 0.010445 | 0.010644 | 0.008995 | 0.009081 | 0.009108 | 0.009090 | 0.006889 | 0.005421 | 0.002475 | 0.002669 | 0.005933 |
| 0.141081 | 0.110308 | -0.001986 | -0.000314 | -0.000677 | -0.003145 | -0.003145 | -0.002495 | -0.002495 | -3.786903e-03 | -3.786903e-03 | -0.004336 | -0.004336 | -0.003705 | -0.003705 | -3.406675e-03 | -3.406675e-03 | -0.003597 | -0.003597 | -0.004912 | -0.004912 | -0.003204 | -0.003204 | -0.003204 | -0.003204 | -0.003204 | -0.003204 | -0.003204 | -0.003204 | -0.003204 | -0.003204 | -0.003204 | -0.003204 | -0.003166 | -0.004832 | -0.003729 | -0.005181 | -0.005050 | -0.003316 | -0.004991 | -0.004066 | -0.004715 | -0.004125 | -0.003383 | -0.003782 | -0.002584 | 0.000017 | 0.001057 | 0.000950 | 0.000006 | -0.000163 | 0.000635 | -0.001317 | -0.001343 | -0.005141 | -0.001421 | -0.000228 | 0.000426 | -0.001208 | -0.002145 | -0.001784 |
| 0.147326 | 0.110356 | -0.001577 | -0.000997 | 0.000305 | -0.001481 | -0.001481 | -0.000755 | -0.000755 | -3.697886e-03 | -3.697886e-03 | -0.003059 | -0.003059 | -0.003151 | -0.003151 | -3.282222e-03 | -3.282222e-03 | -0.003107 | -0.003107 | -0.004430 | -0.004430 | -0.002986 | -0.002986 | -0.002986 | -0.002986 | -0.002986 | -0.002986 | -0.002986 | -0.002986 | -0.002986 | -0.002986 | -0.002986 | -0.002986 | -0.003777 | -0.002932 | -0.002080 | -0.000500 | -0.000608 | -0.001978 | 0.008784 | 0.007938 | -0.001198 | -0.001674 | -0.001699 | -0.001829 | -0.001404 | -0.002191 | -0.003407 | -0.002210 | -0.002067 | -0.001340 | -0.002016 | 0.000014 | -0.001491 | -0.001659 | -0.001044 | -0.003085 | -0.000638 | -0.000091 | -0.000691 | 0.001602 |
| 0.150246 | 0.107203 | -0.000948 | -0.002801 | -0.001707 | -0.003202 | -0.003202 | -0.001145 | -0.001145 | -2.929794e-03 | -2.929794e-03 | -0.002792 | -0.002792 | -0.002748 | -0.002748 | -3.647729e-03 | -3.647729e-03 | -0.003038 | -0.003038 | -0.007311 | -0.007311 | -0.001981 | -0.001981 | -0.001981 | -0.001981 | -0.001981 | -0.001981 | -0.001981 | -0.001981 | -0.001981 | -0.001981 | -0.001981 | -0.001981 | -0.001451 | -0.000925 | -0.001241 | -0.000380 | 0.000886 | -0.000391 | -0.000832 | 0.000264 | -0.000090 | -0.000115 | -0.000088 | -0.000774 | -0.001649 | -0.000288 | -0.000733 | -0.001129 | -0.001354 | 0.000740 | -0.000814 | 0.000244 | 0.000318 | 0.000090 | 0.000306 | 0.001004 | 0.001334 | 0.000964 | 0.000953 | 0.001817 |
| 0.149963 | 0.100965 | -0.002637 | -0.002625 | -0.003438 | -0.003688 | -0.003688 | -0.003561 | -0.003561 | -4.300781e-03 | -4.300781e-03 | -0.002407 | -0.002407 | -0.003069 | -0.003069 | -3.943151e-03 | -3.943151e-03 | -0.004259 | -0.004259 | -0.003492 | -0.003492 | -0.000945 | -0.000945 | -0.000945 | -0.000945 | -0.000945 | -0.000945 | -0.000945 | -0.000945 | -0.000945 | -0.000945 | -0.000945 | -0.000945 | -0.000322 | -0.000270 | -0.000720 | -0.000263 | -0.000052 | -0.001270 | -0.000343 | 0.000449 | -0.000256 | -0.001755 | -0.000636 | -0.001302 | -0.000055 | -0.000739 | 0.000021 | -0.000109 | 0.000999 | 0.000339 | 0.000505 | 0.001628 | 0.001430 | 0.002717 | 0.002367 | 0.002845 | 0.002784 | 0.003154 | 0.002887 | 0.002608 |
| 0.149679 | 0.094726 | -0.002517 | -0.004132 | -0.004093 | -0.003184 | -0.003184 | -0.002927 | -0.002927 | -4.369593e-03 | -4.369593e-03 | -0.003067 | -0.003067 | -0.002811 | -0.002811 | -2.653815e-03 | -2.653815e-03 | -0.002103 | -0.002103 | -0.001699 | -0.001699 | -0.000115 | -0.000115 | -0.000115 | -0.000115 | -0.000115 | -0.000115 | -0.000115 | -0.000115 | -0.000115 | -0.000115 | -0.000115 | -0.000115 | 0.000144 | -0.000448 | 0.000245 | 0.000699 | 0.001059 | -0.000685 | -0.000426 | 0.000439 | 0.000397 | 0.000787 | 0.001456 | 0.000900 | 0.000148 | 0.002356 | 0.003772 | 0.004106 | 0.001878 | 0.001499 | 0.002750 | 0.003048 | 0.001451 | 0.003998 | 0.002985 | 0.003119 | 0.003759 | 0.004413 | 0.002630 | 0.004547 |
| 0.149396 | 0.088488 | -0.003143 | -0.003235 | -0.003696 | -0.003177 | -0.003177 | -0.002586 | -0.002586 | -2.261508e-03 | -2.261508e-03 | -0.002778 | -0.002778 | -0.001883 | -0.001883 | -1.579762e-03 | -1.579762e-03 | -0.000676 | -0.000676 | -0.000617 | -0.000617 | 0.000281 | 0.000281 | 0.000281 | 0.000281 | 0.000281 | 0.000281 | 0.000281 | 0.000281 | 0.000281 | 0.000281 | 0.000281 | 0.000281 | -0.000009 | -0.000233 | 0.000648 | -0.000013 | 0.000920 | 0.001294 | 0.000778 | 0.002243 | 0.004234 | 0.004046 | 0.004282 | 0.002478 | 0.003639 | 0.003026 | 0.003079 | 0.004243 | 0.003132 | 0.003301 | 0.003887 | 0.002546 | 0.003448 | 0.003651 | 0.003930 | 0.002757 | 0.004418 | 0.003944 | 0.005270 | 0.004640 |
| 0.149112 | 0.08225 | -0.002013 | -0.003146 | -0.003104 | -0.002443 | -0.002443 | -0.001426 | -0.001426 | -8.128817e-04 | -8.128817e-04 | -0.000270 | -0.000270 | -0.002278 | -0.002278 | -6.124204e-04 | -6.124204e-04 | -0.001271 | -0.001271 | -0.000230 | -0.000230 | 0.001588 | 0.001588 | 0.001588 | 0.001588 | 0.001588 | 0.001588 | 0.001588 | 0.001588 | 0.001588 | 0.001588 | 0.001588 | 0.001588 | 0.000602 | 0.001836 | 0.001967 | 0.002203 | 0.001658 | 0.003278 | 0.001629 | 0.002071 | 0.002930 | 0.003333 | 0.003558 | 0.004501 | 0.002808 | 0.003366 | 0.001269 | 0.006311 | 0.002766 | 0.003607 | 0.003477 | 0.003973 | 0.004098 | 0.004127 | 0.003246 | 0.005753 | 0.004394 | 0.005670 | 0.004106 | 0.004015 |
| 0.148828 | 0.076011 | -0.001633 | -0.002505 | -0.001232 | -0.000526 | -0.000526 | -0.000147 | -0.000147 | 1.356686e-04 | 1.356686e-04 | -0.000820 | -0.000820 | -0.000352 | -0.000352 | -1.101457e-05 | -1.101457e-05 | -0.000219 | -0.000219 | 0.000863 | 0.000863 | 0.003345 | 0.003345 | 0.003345 | 0.003345 | 0.003345 | 0.003345 | 0.003345 | 0.003345 | 0.003345 | 0.003345 | 0.003345 | 0.003345 | 0.002167 | 0.001181 | 0.002455 | 0.001915 | 0.003289 | 0.002614 | 0.002083 | 0.002522 | 0.002490 | 0.003497 | 0.001922 | 0.004002 | 0.002326 | 0.004399 | 0.003530 | 0.003356 | 0.003687 | 0.003542 | 0.003159 | 0.002731 | 0.004551 | 0.002999 | 0.002702 | 0.002143 | 0.001169 | 0.001396 | -0.000024 | 0.000635 |
| 0.148249 | 0.070084 | -0.001584 | -0.000296 | -0.000900 | -0.000058 | -0.000058 | -0.000918 | -0.000918 | 3.082739e-04 | 3.082739e-04 | -0.000629 | -0.000629 | 0.000530 | 0.000530 | 5.209334e-04 | 5.209334e-04 | 0.001506 | 0.001506 | 0.001706 | 0.001706 | 0.002784 | 0.002784 | 0.002784 | 0.002784 | 0.002784 | 0.002784 | 0.002784 | 0.002784 | 0.002784 | 0.002784 | 0.002784 | 0.002784 | 0.002945 | 0.002006 | 0.001949 | 0.001830 | 0.002937 | 0.003516 | 0.003102 | 0.002410 | 0.003224 | 0.002957 | 0.003062 | 0.001832 | 0.000569 | 0.002690 | 0.002569 | 0.001033 | 0.001395 | 0.000774 | 0.001377 | -0.000251 | -0.000480 | -0.000434 | -0.000213 | -0.000125 | -0.000620 | -0.001700 | -0.001296 | -0.002381 |
| 0.142005 | 0.07011 | -0.002035 | -0.003041 | -0.001416 | -0.001608 | -0.001608 | -0.001948 | -0.001948 | -8.219277e-04 | -8.219277e-04 | 0.001000 | 0.001000 | 0.001461 | 0.001461 | -1.181646e-07 | -1.181646e-07 | 0.000294 | 0.000294 | 0.002726 | 0.002726 | 0.002684 | 0.002684 | 0.002684 | 0.002684 | 0.002684 | 0.002684 | 0.002684 | 0.002684 | 0.002684 | 0.002684 | 0.002684 | 0.002684 | 0.002532 | 0.001733 | 0.002434 | 0.001967 | 0.001237 | 0.002007 | 0.001986 | 0.002457 | 0.005093 | 0.006504 | 0.006560 | 0.005733 | 0.006464 | 0.006269 | 0.003917 | 0.005216 | 0.002232 | 0.001877 | 0.001004 | -0.000364 | -0.003419 | -0.000406 | -0.000279 | -0.000444 | 0.000415 | 0.000064 | -0.001278 | -0.000941 |
| 0.13576 | 0.070135 | -0.001913 | 0.000309 | -0.000203 | -0.002598 | -0.002598 | -0.000536 | -0.000536 | 4.600768e-03 | 4.600768e-03 | 0.006068 | 0.006068 | 0.007473 | 0.007473 | 7.420792e-03 | 7.420792e-03 | 0.012544 | 0.012544 | 0.011331 | 0.011331 | -0.000114 | -0.000114 | -0.000114 | -0.000114 | -0.000114 | -0.000114 | -0.000114 | -0.000114 | -0.000114 | -0.000114 | -0.000114 | -0.000114 | -0.001158 | -0.000712 | -0.001530 | -0.003241 | -0.003014 | -0.001780 | -0.002614 | 0.001204 | 0.002196 | 0.003850 | 0.007018 | 0.008561 | 0.011097 | 0.011059 | 0.003792 | 0.003954 | -0.034792 | 0.002605 | -0.000915 | -0.000024 | -0.002678 | -0.001434 | -0.004834 | -0.003407 | -0.007012 | -0.006613 | -0.009481 | -0.013416 |
| 0.129515 | 0.070161 | 0.014995 | 0.006965 | 0.004788 | 0.006050 | 0.006050 | 0.009271 | 0.009271 | 1.145431e-02 | 1.145431e-02 | 0.013241 | 0.013241 | 0.013556 | 0.013556 | 1.673727e-02 | 1.673727e-02 | 0.016563 | 0.016563 | 0.013738 | 0.013738 | -0.008957 | -0.008957 | -0.008957 | -0.008957 | -0.008957 | -0.008957 | -0.008957 | -0.008957 | -0.008957 | -0.008957 | -0.008957 | -0.008957 | -0.005786 | -0.007201 | -0.005845 | -0.006172 | -0.007634 | -0.007786 | -0.005571 | -0.005800 | -0.000736 | -0.000773 | 0.000872 | 0.004862 | 0.006727 | 0.010913 | 0.011328 | 0.012804 | 0.013424 | 0.014832 | 0.014475 | 0.010250 | 0.009019 | 0.006150 | 0.003676 | 0.002380 | 0.000325 | -0.000070 | 0.001849 | 0.004096 |
| 0.12327 | 0.070187 | 0.001432 | 0.006687 | 0.007332 | 0.009610 | 0.009610 | 0.009245 | 0.009245 | 1.348233e-02 | 1.348233e-02 | 0.005557 | 0.005557 | 0.004774 | 0.004774 | 3.891503e-03 | 3.891503e-03 | 0.000758 | 0.000758 | 0.001964 | 0.001964 | -0.008384 | -0.008384 | -0.008384 | -0.008384 | -0.008384 | -0.008384 | -0.008384 | -0.008384 | -0.008384 | -0.008384 | -0.008384 | -0.008384 | -0.005997 | -0.005474 | -0.003303 | -0.002965 | -0.001768 | 0.000124 | 0.002896 | 0.001584 | 0.003706 | 0.008632 | 0.012872 | 0.013190 | 0.013853 | 0.013983 | 0.016128 | 0.017144 | 0.016428 | 0.017285 | 0.017917 | 0.016878 | 0.015070 | 0.016580 | 0.018887 | 0.016588 | 0.017834 | 0.016022 | 0.015609 | 0.013387 |
| 0.117026 | 0.070213 | 0.001030 | 0.006196 | 0.006002 | 0.005695 | 0.005695 | 0.003304 | 0.003304 | 2.782073e-03 | 2.782073e-03 | -0.057030 | -0.057030 | 0.002103 | 0.002103 | -3.496926e-02 | -3.496926e-02 | 0.001331 | 0.001331 | 0.004875 | 0.004875 | 0.018935 | 0.018935 | 0.018935 | 0.018935 | 0.018935 | 0.018935 | 0.018935 | 0.018935 | 0.018935 | 0.018935 | 0.018935 | 0.018935 | 0.016284 | 0.014807 | 0.016087 | 0.011565 | 0.000772 | 0.003497 | 0.006013 | 0.004906 | 0.006237 | 0.007500 | 0.014686 | 0.013105 | 0.016095 | 0.018590 | 0.016333 | 0.018386 | 0.021955 | 0.021657 | 0.020351 | 0.017921 | 0.017341 | 0.017873 | 0.017864 | 0.017511 | 0.017779 | 0.018383 | 0.019124 | 0.015867 |
| 0.110781 | 0.070239 | -0.006872 | -0.005899 | -0.006645 | -0.005995 | -0.005995 | -0.004326 | -0.004326 | -6.356197e-03 | -6.356197e-03 | -0.001332 | -0.001332 | -0.011996 | -0.011996 | 1.526602e-03 | 1.526602e-03 | 0.009639 | 0.009639 | 0.007817 | 0.007817 | 0.020153 | 0.020153 | 0.020153 | 0.020153 | 0.020153 | 0.020153 | 0.020153 | 0.020153 | 0.020153 | 0.020153 | 0.020153 | 0.020153 | 0.017599 | 0.014280 | 0.014669 | 0.015642 | 0.012001 | 0.010039 | 0.014395 | 0.012581 | 0.013724 | 0.013724 | 0.014181 | 0.013692 | 0.014379 | 0.015332 | 0.014684 | 0.014790 | 0.013372 | 0.015517 | 0.015793 | 0.013699 | 0.016090 | 0.016411 | 0.016886 | 0.015787 | 0.016926 | 0.018315 | 0.016003 | 0.013956 |
| 0.104536 | 0.070264 | -0.008805 | -0.005300 | -0.003300 | -0.003671 | -0.003671 | -0.007335 | -0.007335 | -5.634217e-03 | -5.634217e-03 | -0.002851 | -0.002851 | -0.005952 | -0.005952 | -8.570192e-03 | -8.570192e-03 | -0.005086 | -0.005086 | -0.001010 | -0.001010 | 0.006500 | 0.006500 | 0.006500 | 0.006500 | 0.006500 | 0.006500 | 0.006500 | 0.006500 | 0.006500 | 0.006500 | 0.006500 | 0.006500 | 0.008863 | 0.008661 | 0.009367 | 0.008697 | 0.010499 | 0.009780 | 0.011410 | 0.009705 | 0.010176 | 0.011219 | 0.013011 | 0.012474 | 0.010058 | 0.010994 | 0.011227 | 0.011301 | 0.011765 | 0.013247 | 0.012587 | 0.012070 | 0.013243 | 0.013270 | 0.013518 | 0.014648 | 0.014752 | 0.014519 | 0.013802 | 0.013347 |
| 0.098292 | 0.07029 | 0.001078 | -0.005219 | 0.003061 | 0.000233 | 0.000233 | -0.007021 | -0.007021 | -9.578832e-03 | -9.578832e-03 | -0.001958 | -0.001958 | -0.000253 | -0.000253 | -1.118123e-02 | -1.118123e-02 | -0.008163 | -0.008163 | -0.002249 | -0.002249 | 0.009430 | 0.009430 | 0.009430 | 0.009430 | 0.009430 | 0.009430 | 0.009430 | 0.009430 | 0.009430 | 0.009430 | 0.009430 | 0.009430 | 0.010856 | 0.008781 | 0.009723 | 0.009725 | 0.009677 | 0.010883 | 0.012174 | 0.010116 | 0.010722 | 0.011763 | 0.011620 | 0.010725 | 0.011109 | 0.012006 | 0.011572 | 0.011321 | 0.011846 | 0.012137 | 0.011764 | 0.011407 | 0.011717 | 0.011339 | 0.011450 | 0.011507 | 0.011812 | 0.011868 | 0.010986 | 0.011149 |
| 0.093255 | 0.07141 | 0.002810 | 0.002124 | 0.004063 | 0.003381 | 0.003381 | 0.002770 | 0.002770 | 1.436143e-03 | 1.436143e-03 | 0.003266 | 0.003266 | 0.003103 | 0.003103 | -8.428256e-04 | -8.428256e-04 | -0.003224 | -0.003224 | -0.000046 | -0.000046 | 0.008449 | 0.008449 | 0.008449 | 0.008449 | 0.008449 | 0.008449 | 0.008449 | 0.008449 | 0.008449 | 0.008449 | 0.008449 | 0.008449 | 0.009292 | 0.010005 | 0.008430 | 0.009219 | 0.008620 | 0.010451 | 0.010411 | 0.009467 | 0.009312 | 0.010926 | 0.010218 | 0.010051 | 0.010081 | 0.010830 | 0.010711 | 0.010882 | 0.010075 | 0.010351 | 0.010074 | 0.011598 | 0.010679 | 0.010273 | 0.010568 | 0.010529 | 0.010654 | 0.009835 | 0.009317 | 0.009633 |
| 0.093849 | 0.077626 | 0.001412 | 0.002629 | 0.001508 | 0.002577 | 0.002577 | 0.003745 | 0.003745 | 4.258850e-03 | 4.258850e-03 | 0.003779 | 0.003779 | 0.004144 | 0.004144 | 4.530450e-03 | 4.530450e-03 | 0.005115 | 0.005115 | 0.003847 | 0.003847 | 0.003954 | 0.003954 | 0.003954 | 0.003954 | 0.003954 | 0.003954 | 0.003954 | 0.003954 | 0.003954 | 0.003954 | 0.003954 | 0.003954 | 0.004318 | 0.005587 | 0.005331 | 0.007056 | 0.006417 | 0.007812 | 0.007968 | 0.008129 | 0.008433 | 0.008280 | 0.009386 | 0.007923 | 0.009522 | 0.009393 | 0.008235 | 0.010728 | 0.009073 | 0.010173 | 0.009195 | 0.008432 | 0.009951 | 0.009280 | 0.010155 | 0.007834 | 0.009845 | 0.009574 | 0.009169 | 0.009709 |
| 0.094443 | 0.083843 | 0.000998 | 0.001572 | 0.002153 | 0.000472 | 0.000472 | 0.002050 | 0.002050 | 2.536628e-03 | 2.536628e-03 | 0.001675 | 0.001675 | 0.003135 | 0.003135 | 3.215420e-03 | 3.215420e-03 | 0.006099 | 0.006099 | 0.004315 | 0.004315 | -0.006459 | -0.006459 | -0.006459 | -0.006459 | -0.006459 | -0.006459 | -0.006459 | -0.006459 | -0.006459 | -0.006459 | -0.006459 | -0.006459 | -0.006344 | -0.001850 | 0.001736 | -0.000466 | -0.001143 | 0.000432 | 0.002097 | 0.004258 | 0.003242 | 0.005886 | 0.005449 | 0.007358 | 0.005768 | 0.006464 | 0.006859 | 0.007419 | 0.008593 | 0.008420 | 0.007577 | 0.007372 | 0.007516 | 0.008168 | 0.008675 | 0.007329 | 0.008506 | 0.009383 | 0.007350 | 0.008446 |
| 0.095037 | 0.090059 | -0.002328 | -0.001739 | -0.001919 | -0.000341 | -0.000341 | 0.000111 | 0.000111 | 2.333678e-03 | 2.333678e-03 | 0.003283 | 0.003283 | 0.002042 | 0.002042 | 3.191589e-03 | 3.191589e-03 | 0.001035 | 0.001035 | 0.000707 | 0.000707 | 0.008399 | 0.008399 | 0.008399 | 0.008399 | 0.008399 | 0.008399 | 0.008399 | 0.008399 | 0.008399 | 0.008399 | 0.008399 | 0.008399 | 0.007024 | 0.007104 | 0.005858 | 0.001604 | -0.001655 | -0.002525 | -0.003132 | -0.006387 | -0.012355 | -0.010637 | -0.008492 | -0.002179 | 0.000360 | 0.000892 | 0.004239 | 0.005207 | 0.005005 | 0.005583 | 0.006164 | 0.005365 | 0.006562 | 0.005748 | 0.006685 | 0.005833 | 0.008566 | 0.007402 | 0.005973 | 0.007515 |
| 0.095631 | 0.096276 | 0.002215 | 0.002311 | 0.003236 | 0.006521 | 0.006521 | -0.002194 | -0.002194 | -6.387162e-03 | -6.387162e-03 | -0.008726 | -0.008726 | -0.017789 | -0.017789 | 8.389576e-05 | 8.389576e-05 | 0.000340 | 0.000340 | 0.002062 | 0.002062 | 0.001411 | 0.001411 | 0.001411 | 0.001411 | 0.001411 | 0.001411 | 0.001411 | 0.001411 | 0.001411 | 0.001411 | 0.001411 | 0.001411 | 0.002749 | 0.000203 | 0.006808 | 0.003937 | 0.004895 | 0.005002 | 0.002656 | 0.003600 | 0.000293 | 0.000621 | 0.014855 | 0.002660 | 0.016085 | 0.000775 | -0.001336 | 0.005703 | 0.003104 | 0.000735 | -0.003182 | 0.000513 | -0.001932 | -0.002288 | 0.003771 | 0.006017 | 0.005156 | 0.006004 | 0.005694 | 0.004279 |
| 0.096225 | 0.102492 | 0.002074 | 0.004432 | 0.002697 | 0.003441 | 0.003441 | 0.003277 | 0.003277 | 2.360495e-03 | 2.360495e-03 | 0.001363 | 0.001363 | 0.003243 | 0.003243 | -7.391451e-02 | -7.391451e-02 | -0.002247 | -0.002247 | -0.028450 | -0.028450 | -0.004983 | -0.004983 | -0.004983 | -0.004983 | -0.004983 | -0.004983 | -0.004983 | -0.004983 | -0.004983 | -0.004983 | -0.004983 | -0.004983 | 0.000675 | 0.000173 | -0.004060 | -0.000988 | 0.000448 | -0.012718 | 0.004684 | 0.004324 | 0.004655 | 0.002004 | 0.001576 | 0.006703 | 0.006088 | 0.007173 | 0.005456 | 0.005233 | 0.003774 | 0.002944 | 0.003486 | 0.004526 | 0.001671 | -0.002444 | -0.005189 | -0.005443 | -0.006359 | -0.001426 | 0.001226 | 0.001840 |
| 0.099046 | 0.106258 | -0.006255 | -0.013860 | -0.011231 | 0.026648 | 0.026648 | -0.000540 | -0.000540 | 6.159160e-03 | 6.159160e-03 | 0.005990 | 0.005990 | 0.001457 | 0.001457 | 8.561341e-04 | 8.561341e-04 | 0.001093 | 0.001093 | 0.027525 | 0.027525 | 0.000745 | 0.000745 | 0.000745 | 0.000745 | 0.000745 | 0.000745 | 0.000745 | 0.000745 | 0.000745 | 0.000745 | 0.000745 | 0.000745 | -0.000935 | -0.001814 | -0.000908 | -0.000697 | 0.003442 | 0.028524 | -0.000275 | -0.002097 | 0.000344 | 0.000636 | -0.002247 | -0.000937 | 0.012586 | 0.004657 | -0.003822 | -0.014545 | 0.003658 | 0.008264 | 0.003285 | 0.007234 | 0.000104 | 0.001131 | -0.000535 | 0.018129 | -0.003660 | -0.003556 | -0.000939 | -0.000617 |
| 0.105291 | 0.106258 | -0.002365 | -0.021999 | -0.008018 | -0.010882 | -0.010882 | -0.011420 | -0.011420 | -1.292062e-02 | -1.292062e-02 | -0.014938 | -0.014938 | -0.014348 | -0.014348 | -9.873564e-03 | -9.873564e-03 | -0.011947 | -0.011947 | -0.017755 | -0.017755 | 0.002744 | 0.002744 | 0.002744 | 0.002744 | 0.002744 | 0.002744 | 0.002744 | 0.002744 | 0.002744 | 0.002744 | 0.002744 | 0.002744 | 0.007587 | 0.006198 | 0.010030 | 0.015519 | 0.007839 | 0.009090 | 0.006276 | -0.018660 | 0.009758 | -0.021117 | -0.001972 | -0.003324 | -0.001619 | -0.006923 | 0.000586 | -0.000451 | -0.004354 | 0.014804 | 0.000665 | -0.000550 | 0.010396 | -0.000577 | 0.000760 | 0.001107 | 0.000826 | 0.002025 | 0.001847 | 0.008964 |
| 0.111535 | 0.106258 | -0.009320 | -0.010416 | -0.013146 | -0.010648 | -0.010648 | -0.009332 | -0.009332 | -1.405822e-02 | -1.405822e-02 | -0.012618 | -0.012618 | -0.008805 | -0.008805 | -2.738637e-02 | -2.738637e-02 | -0.017873 | -0.017873 | -0.012152 | -0.012152 | 0.010171 | 0.010171 | 0.010171 | 0.010171 | 0.010171 | 0.010171 | 0.010171 | 0.010171 | 0.010171 | 0.010171 | 0.010171 | 0.010171 | 0.010814 | 0.014937 | 0.011596 | 0.010972 | 0.017624 | 0.013577 | 0.016933 | 0.034874 | 0.008353 | 0.007935 | -0.010724 | 0.016173 | 0.007041 | -0.003216 | 0.001277 | 0.000058 | 0.001191 | 0.001984 | 0.003623 | 0.004697 | -0.025778 | 0.004517 | 0.004048 | 0.003750 | 0.000387 | 0.001179 | 0.007169 | 0.002750 |
| 0.11778 | 0.106258 | -0.031188 | -0.014520 | -0.016411 | -0.012882 | -0.012882 | -0.011297 | -0.011297 | -2.874301e-02 | -2.874301e-02 | -0.009268 | -0.009268 | -0.012493 | -0.012493 | -7.787747e-03 | -7.787747e-03 | -0.022389 | -0.022389 | -0.008047 | -0.008047 | 0.009550 | 0.009550 | 0.009550 | 0.009550 | 0.009550 | 0.009550 | 0.009550 | 0.009550 | 0.009550 | 0.009550 | 0.009550 | 0.009550 | 0.001761 | 0.036722 | 0.003910 | -0.000632 | 0.000074 | 0.006111 | 0.007760 | 0.006239 | 0.007327 | -0.014484 | 0.005060 | 0.007627 | 0.008611 | 0.009503 | 0.009749 | 0.031316 | 0.009966 | 0.005375 | 0.002810 | -0.003691 | -0.034021 | -0.001568 | 0.005995 | -0.015443 | -0.006241 | -0.006712 | -0.002948 | -0.001379 |
| 0.124025 | 0.106258 | -0.008907 | -0.009032 | -0.008346 | 0.009285 | 0.009285 | -0.011379 | -0.011379 | -3.120710e-02 | -3.120710e-02 | -0.008515 | -0.008515 | -0.033112 | -0.033112 | -1.050410e-02 | -1.050410e-02 | -0.009402 | -0.009402 | -0.008941 | -0.008941 | -0.006989 | -0.006989 | -0.006989 | -0.006989 | -0.006989 | -0.006989 | -0.006989 | -0.006989 | -0.006989 | -0.006989 | -0.006989 | -0.006989 | -0.000950 | -0.005118 | 0.001811 | 0.000242 | 0.003376 | -0.003595 | 0.026606 | 0.013151 | 0.009229 | 0.011175 | 0.010226 | 0.009597 | 0.007151 | 0.009854 | 0.008317 | 0.009586 | 0.008540 | 0.010274 | 0.012506 | 0.009490 | 0.008273 | 0.006453 | 0.006648 | 0.005612 | -0.002896 | -0.004213 | -0.004334 | -0.004165 |
| 0.13027 | 0.106258 | -0.003508 | -0.005739 | -0.005086 | -0.006451 | -0.006451 | -0.004950 | -0.004950 | -6.483616e-03 | -6.483616e-03 | -0.006209 | -0.006209 | -0.006538 | -0.006538 | -7.689207e-03 | -7.689207e-03 | -0.007222 | -0.007222 | -0.007748 | -0.007748 | -0.004942 | -0.004942 | -0.004942 | -0.004942 | -0.004942 | -0.004942 | -0.004942 | -0.004942 | -0.004942 | -0.004942 | -0.004942 | -0.004942 | -0.000503 | -0.000831 | 0.001225 | 0.002930 | 0.005688 | 0.005592 | 0.006215 | 0.010148 | -0.009223 | 0.015585 | 0.012107 | 0.010393 | 0.011041 | 0.011896 | 0.014347 | -0.006962 | 0.014232 | 0.009641 | 0.011294 | 0.011553 | 0.011625 | 0.012607 | 0.012485 | 0.013941 | 0.009186 | 0.008668 | 0.009854 | 0.007690 |
| 0.136514 | 0.106258 | -0.003070 | -0.002627 | -0.003045 | -0.004333 | -0.004333 | -0.004208 | -0.004208 | -4.719614e-03 | -4.719614e-03 | -0.005271 | -0.005271 | -0.005253 | -0.005253 | -4.908239e-03 | -4.908239e-03 | -0.005764 | -0.005764 | -0.004938 | -0.004938 | -0.003970 | -0.003970 | -0.003970 | -0.003970 | -0.003970 | -0.003970 | -0.003970 | -0.003970 | -0.003970 | -0.003970 | -0.003970 | -0.003970 | -0.006503 | -0.006124 | -0.005970 | -0.003066 | -0.005236 | -0.004029 | -0.008735 | -0.004347 | 0.002256 | -0.000003 | 0.004022 | 0.005094 | 0.004964 | 0.005507 | 0.006239 | 0.005595 | 0.005599 | 0.002680 | -0.000563 | -0.000308 | 0.000953 | 0.000878 | -0.001443 | 0.000855 | 0.000071 | 0.004395 | 0.009410 | 0.012135 |
| 0.142759 | 0.106258 | -0.002886 | -0.002688 | 0.008348 | -0.004444 | -0.004444 | -0.002531 | -0.002531 | -3.033890e-03 | -3.033890e-03 | -0.002730 | -0.002730 | -0.003446 | -0.003446 | -5.083805e-03 | -5.083805e-03 | -0.003898 | -0.003898 | -0.004046 | -0.004046 | -0.003785 | -0.003785 | -0.003785 | -0.003785 | -0.003785 | -0.003785 | -0.003785 | -0.003785 | -0.003785 | -0.003785 | -0.003785 | -0.003785 | -0.003921 | -0.005156 | -0.003834 | -0.003354 | -0.003180 | -0.002326 | -0.003138 | -0.003569 | -0.003587 | -0.003836 | -0.002521 | -0.002456 | -0.001691 | -0.002101 | -0.001148 | -0.002812 | -0.003129 | -0.001884 | -0.003887 | -0.002588 | -0.002869 | -0.002114 | -0.000128 | -0.000082 | 0.001650 | -0.000295 | 0.015441 | 0.002970 |
| 0.143643 | 0.100778 | -0.004094 | -0.003271 | -0.003767 | -0.003909 | -0.003909 | -0.003601 | -0.003601 | -4.061608e-03 | -4.061608e-03 | -0.004843 | -0.004843 | -0.003970 | -0.003970 | -4.909592e-03 | -4.909592e-03 | -0.004162 | -0.004162 | -0.003938 | -0.003938 | -0.003228 | -0.003228 | -0.003228 | -0.003228 | -0.003228 | -0.003228 | -0.003228 | -0.003228 | -0.003228 | -0.003228 | -0.003228 | -0.003228 | -0.003357 | -0.003447 | -0.002276 | -0.002342 | -0.000964 | -0.001674 | -0.003310 | -0.004384 | -0.002261 | -0.002261 | -0.003835 | -0.004306 | -0.003750 | -0.004079 | -0.002424 | -0.001805 | -0.000289 | 0.001015 | -0.001723 | 0.001097 | 0.001173 | 0.001324 | 0.004954 | 0.005632 | 0.006641 | 0.006611 | 0.009197 | 0.006598 |
| 0.14378 | 0.094534 | -0.004123 | -0.003965 | -0.004466 | -0.003190 | -0.003190 | -0.004424 | -0.004424 | -4.659933e-03 | -4.659933e-03 | -0.003553 | -0.003553 | -0.003255 | -0.003255 | -2.212191e-03 | -2.212191e-03 | -0.003556 | -0.003556 | -0.003291 | -0.003291 | -0.001027 | -0.001027 | -0.001027 | -0.001027 | -0.001027 | -0.001027 | -0.001027 | -0.001027 | -0.001027 | -0.001027 | -0.001027 | -0.001027 | -0.002027 | -0.002839 | -0.000419 | -0.000721 | -0.003343 | -0.001705 | -0.004696 | -0.004490 | -0.004370 | -0.004704 | -0.003364 | -0.001507 | 0.001669 | 0.002470 | 0.005540 | 0.004326 | 0.005718 | 0.004397 | 0.005303 | 0.006290 | 0.006704 | 0.006652 | 0.006738 | 0.004812 | 0.004673 | 0.004427 | 0.006038 | 0.004980 |
| 0.143918 | 0.088291 | -0.004936 | -0.003247 | -0.005377 | -0.003286 | -0.003286 | -0.004277 | -0.004277 | -2.732516e-03 | -2.732516e-03 | -0.002837 | -0.002837 | -0.002952 | -0.002952 | -2.664061e-03 | -2.664061e-03 | -0.002780 | -0.002780 | -0.002687 | -0.002687 | -0.002759 | -0.002759 | -0.002759 | -0.002759 | -0.002759 | -0.002759 | -0.002759 | -0.002759 | -0.002759 | -0.002759 | -0.002759 | -0.002759 | -0.000144 | 0.000325 | 0.000935 | -0.000014 | 0.000846 | 0.002726 | 0.003114 | 0.002616 | 0.004056 | 0.004450 | 0.004470 | 0.004535 | 0.005716 | 0.006110 | 0.005574 | 0.005787 | 0.004917 | 0.004381 | 0.003175 | 0.002905 | 0.002191 | 0.002894 | 0.003475 | 0.002251 | 0.002121 | 0.002803 | 0.002303 | 0.010907 |
| 0.144056 | 0.082048 | -0.003970 | -0.002745 | -0.004505 | -0.004122 | -0.004122 | -0.003965 | -0.003965 | -4.552183e-03 | -4.552183e-03 | -0.002814 | -0.002814 | -0.003253 | -0.003253 | -1.453942e-03 | -1.453942e-03 | -0.001528 | -0.001528 | -0.001086 | -0.001086 | 0.002736 | 0.002736 | 0.002736 | 0.002736 | 0.002736 | 0.002736 | 0.002736 | 0.002736 | 0.002736 | 0.002736 | 0.002736 | 0.002736 | 0.002355 | 0.003032 | 0.004111 | 0.007135 | 0.003804 | 0.005081 | 0.006809 | 0.003824 | 0.004766 | 0.004396 | 0.003751 | 0.002763 | 0.002835 | 0.003399 | 0.001379 | 0.002525 | 0.002056 | 0.003437 | 0.002078 | 0.002201 | 0.000482 | 0.003569 | 0.006395 | 0.007551 | 0.007982 | 0.007878 | 0.004231 | 0.004840 |
| 0.144194 | 0.075805 | -0.002970 | -0.003958 | -0.003028 | -0.002569 | -0.002569 | -0.002143 | -0.002143 | -1.976900e-03 | -1.976900e-03 | -0.003817 | -0.003817 | -0.002003 | -0.002003 | 2.920804e-05 | 2.920804e-05 | -0.000856 | -0.000856 | -0.000459 | -0.000459 | 0.003381 | 0.003381 | 0.003381 | 0.003381 | 0.003381 | 0.003381 | 0.003381 | 0.003381 | 0.003381 | 0.003381 | 0.003381 | 0.003381 | 0.003321 | 0.003474 | 0.002514 | 0.002436 | 0.002782 | 0.003142 | 0.001716 | 0.003262 | 0.001558 | 0.002689 | 0.002566 | 0.004300 | 0.005138 | 0.005314 | 0.007226 | 0.006928 | 0.007175 | 0.007999 | 0.004985 | 0.005465 | 0.003666 | 0.004846 | 0.002676 | 0.001183 | 0.002153 | 0.001395 | 0.000428 | 0.000170 |
| 0.13865 | 0.075237 | -0.007572 | -0.004734 | -0.005953 | -0.004672 | -0.004672 | -0.003476 | -0.003476 | -2.566200e-03 | -2.566200e-03 | -0.000907 | -0.000907 | -0.002967 | -0.002967 | -3.109459e-03 | -3.109459e-03 | -0.001349 | -0.001349 | 0.000723 | 0.000723 | 0.005469 | 0.005469 | 0.005469 | 0.005469 | 0.005469 | 0.005469 | 0.005469 | 0.005469 | 0.005469 | 0.005469 | 0.005469 | 0.005469 | 0.004140 | 0.004798 | 0.001902 | 0.001645 | 0.002067 | 0.000803 | -0.000917 | 0.000425 | -0.001100 | -0.000179 | 0.000861 | 0.002488 | 0.003906 | 0.006193 | 0.008108 | 0.006769 | 0.010798 | 0.010896 | 0.009647 | 0.006653 | 0.003202 | 0.004958 | 0.002473 | 0.001934 | -0.000526 | -0.000589 | -0.000903 | -0.001511 |
| 0.132407 | 0.075369 | -0.008047 | -0.007840 | -0.003745 | -0.000469 | -0.000469 | 0.006325 | 0.006325 | 8.457737e-03 | 8.457737e-03 | 0.009724 | 0.009724 | 0.008667 | 0.008667 | 5.174177e-03 | 5.174177e-03 | 0.012166 | 0.012166 | 0.016136 | 0.016136 | 0.006201 | 0.006201 | 0.006201 | 0.006201 | 0.006201 | 0.006201 | 0.006201 | 0.006201 | 0.006201 | 0.006201 | 0.006201 | 0.006201 | 0.000096 | -0.001677 | -0.004703 | -0.005468 | -0.007508 | -0.008471 | -0.006827 | -0.007551 | -0.004603 | -0.007558 | -0.007243 | -0.003045 | -0.003147 | -0.003046 | -0.001298 | -0.000115 | 0.001088 | 0.005063 | 0.007106 | 0.007009 | 0.008568 | 0.010234 | 0.011633 | 0.009160 | 0.007055 | 0.007704 | 0.004947 | 0.003503 |
| 0.126164 | 0.075502 | -0.004707 | 0.000306 | 0.005902 | 0.014923 | 0.014923 | 0.006978 | 0.006978 | 5.191896e-03 | 5.191896e-03 | 0.005306 | 0.005306 | 0.007823 | 0.007823 | 7.947580e-03 | 7.947580e-03 | 0.009071 | 0.009071 | 0.006843 | 0.006843 | 0.013483 | 0.013483 | 0.013483 | 0.013483 | 0.013483 | 0.013483 | 0.013483 | 0.013483 | 0.013483 | 0.013483 | 0.013483 | 0.013483 | 0.003218 | -0.003027 | 0.003413 | -0.015501 | -0.003442 | -0.004841 | -0.003403 | -0.002625 | -0.000434 | 0.001749 | -0.000337 | 0.002946 | 0.005052 | 0.004299 | 0.008769 | 0.004847 | 0.006947 | 0.007298 | 0.009776 | 0.012285 | 0.010660 | 0.011656 | 0.010360 | 0.011701 | 0.013872 | 0.015627 | 0.015281 | 0.014548 |
| 0.11992 | 0.075634 | 0.002841 | 0.000819 | 0.006950 | 0.005394 | 0.005394 | 0.005065 | 0.005065 | 5.202212e-03 | 5.202212e-03 | 0.009843 | 0.009843 | 0.014896 | 0.014896 | 8.376972e-03 | 8.376972e-03 | -0.009786 | -0.009786 | 0.005759 | 0.005759 | 0.014972 | 0.014972 | 0.014972 | 0.014972 | 0.014972 | 0.014972 | 0.014972 | 0.014972 | 0.014972 | 0.014972 | 0.014972 | 0.014972 | 0.014732 | 0.012502 | 0.018020 | 0.013541 | 0.013388 | 0.012826 | 0.011203 | 0.007063 | 0.005516 | 0.004397 | 0.001426 | -0.000648 | 0.005264 | 0.005477 | 0.006733 | 0.007966 | 0.012433 | 0.011575 | 0.013925 | 0.014257 | 0.015291 | 0.016391 | 0.018537 | 0.017301 | 0.019125 | 0.018355 | 0.017619 | 0.018711 |
| 0.113677 | 0.075766 | 0.005546 | 0.006440 | 0.007029 | 0.006116 | 0.006116 | 0.004870 | 0.004870 | 3.816306e-03 | 3.816306e-03 | 0.002762 | 0.002762 | 0.005045 | 0.005045 | 1.288570e-02 | 1.288570e-02 | 0.003153 | 0.003153 | 0.000735 | 0.000735 | 0.010848 | 0.010848 | 0.010848 | 0.010848 | 0.010848 | 0.010848 | 0.010848 | 0.010848 | 0.010848 | 0.010848 | 0.010848 | 0.010848 | 0.008672 | 0.012417 | 0.027418 | 0.016275 | 0.019856 | 0.017822 | 0.020779 | 0.018653 | 0.020578 | 0.018256 | 0.016480 | 0.015354 | 0.014221 | 0.013075 | 0.012883 | 0.012638 | 0.013146 | 0.013354 | 0.015520 | 0.014466 | 0.014354 | 0.015352 | 0.016339 | 0.015427 | 0.015552 | 0.015906 | 0.015605 | 0.015455 |
| 0.107434 | 0.075898 | 0.000935 | 0.000817 | 0.003733 | 0.000425 | 0.000425 | 0.043058 | 0.043058 | -3.795637e-03 | -3.795637e-03 | -0.005639 | -0.005639 | -0.001858 | -0.001858 | -2.788824e-03 | -2.788824e-03 | -0.005614 | -0.005614 | -0.002464 | -0.002464 | 0.014090 | 0.014090 | 0.014090 | 0.014090 | 0.014090 | 0.014090 | 0.014090 | 0.014090 | 0.014090 | 0.014090 | 0.014090 | 0.014090 | 0.017270 | 0.016427 | 0.014029 | 0.013855 | 0.011021 | 0.009056 | 0.008223 | 0.007595 | 0.010473 | 0.008798 | 0.009662 | 0.009870 | 0.009975 | 0.010279 | 0.009324 | 0.010608 | 0.011570 | 0.010314 | 0.010692 | 0.010498 | 0.011142 | 0.010795 | 0.012722 | 0.012229 | 0.012693 | 0.012219 | 0.012113 | 0.011303 |
| 0.10119 | 0.07603 | 0.004038 | 0.002105 | 0.001414 | -0.004255 | -0.004255 | -0.001708 | -0.001708 | -2.215167e-03 | -2.215167e-03 | -0.005893 | -0.005893 | -0.003917 | -0.003917 | -5.290049e-03 | -5.290049e-03 | -0.005657 | -0.005657 | -0.002546 | -0.002546 | 0.009381 | 0.009381 | 0.009381 | 0.009381 | 0.009381 | 0.009381 | 0.009381 | 0.009381 | 0.009381 | 0.009381 | 0.009381 | 0.009381 | 0.009003 | 0.009447 | 0.009921 | 0.008895 | 0.009331 | 0.008436 | 0.008550 | 0.007561 | 0.008493 | 0.007856 | 0.009224 | 0.008015 | 0.008639 | 0.009674 | 0.009494 | 0.009816 | 0.009243 | 0.009879 | 0.010820 | 0.009262 | 0.009851 | 0.009694 | 0.010271 | 0.011862 | 0.011310 | 0.010146 | 0.011971 | 0.010332 |
| 0.100821 | 0.082024 | 0.004087 | 0.005525 | 0.007365 | 0.005614 | 0.005614 | 0.004569 | 0.004569 | 4.575645e-03 | 4.575645e-03 | -0.000557 | -0.000557 | -0.002160 | -0.002160 | 1.804952e-03 | 1.804952e-03 | -0.004995 | -0.004995 | -0.003926 | -0.003926 | -0.001232 | -0.001232 | -0.001232 | -0.001232 | -0.001232 | -0.001232 | -0.001232 | -0.001232 | -0.001232 | -0.001232 | -0.001232 | -0.001232 | 0.000131 | 0.000016 | 0.002299 | 0.001218 | 0.000651 | 0.002156 | 0.004935 | 0.007880 | 0.007313 | 0.008173 | 0.008055 | 0.007628 | 0.007708 | 0.008314 | 0.007490 | 0.007000 | 0.008021 | 0.007555 | 0.008455 | 0.008178 | 0.008938 | 0.008022 | 0.008959 | 0.009190 | 0.008656 | 0.008280 | 0.009178 | 0.008955 |
| 0.100702 | 0.088267 | 0.000471 | -0.000046 | 0.000469 | 0.000320 | 0.000320 | 0.001065 | 0.001065 | 4.201515e-03 | 4.201515e-03 | 0.010458 | 0.010458 | 0.006265 | 0.006265 | 1.944543e-02 | 1.944543e-02 | -0.023539 | -0.023539 | 0.001556 | 0.001556 | -0.015837 | -0.015837 | -0.015837 | -0.015837 | -0.015837 | -0.015837 | -0.015837 | -0.015837 | -0.015837 | -0.015837 | -0.015837 | -0.015837 | -0.002222 | -0.003810 | -0.000810 | 0.000956 | 0.001473 | 0.000237 | -0.003323 | -0.002983 | -0.000917 | -0.001391 | 0.002161 | 0.003070 | 0.006069 | 0.007571 | 0.006951 | 0.010509 | 0.008671 | 0.010379 | 0.007290 | 0.005565 | 0.005890 | 0.007025 | 0.007341 | 0.006804 | 0.008436 | 0.008280 | 0.008600 | 0.006534 |
| 0.100583 | 0.094511 | 0.002027 | 0.003060 | -0.000341 | -0.000903 | -0.000903 | -0.003266 | -0.003266 | -5.164816e-03 | -5.164816e-03 | -0.019910 | -0.019910 | -0.000103 | -0.000103 | 4.343174e-03 | 4.343174e-03 | 0.005086 | 0.005086 | 0.009617 | 0.009617 | -0.004056 | -0.004056 | -0.004056 | -0.004056 | -0.004056 | -0.004056 | -0.004056 | -0.004056 | -0.004056 | -0.004056 | -0.004056 | -0.004056 | -0.004548 | -0.004422 | 0.004206 | 0.005212 | -0.005399 | -0.004997 | -0.005996 | -0.002639 | -0.003456 | -0.002829 | -0.001744 | 0.000013 | -0.000703 | -0.002751 | -0.000622 | 0.003035 | -0.000384 | 0.000985 | -0.009295 | 0.009095 | 0.001052 | 0.000347 | 0.011388 | 0.011806 | 0.008676 | 0.006984 | 0.006796 | 0.006667 |
| 0.101154 | 0.100121 | 0.006118 | 0.007605 | 0.010889 | 0.005548 | 0.005548 | 0.003576 | 0.003576 | 9.410463e-04 | 9.410463e-04 | -0.005184 | -0.005184 | 0.003222 | 0.003222 | -1.526151e-02 | -1.526151e-02 | -0.011169 | -0.011169 | -0.006748 | -0.006748 | 0.000217 | 0.000217 | 0.000217 | 0.000217 | 0.000217 | 0.000217 | 0.000217 | 0.000217 | 0.000217 | 0.000217 | 0.000217 | 0.000217 | -0.002136 | -0.001379 | -0.007357 | 0.021739 | -0.001161 | -0.001350 | -0.008735 | 0.001448 | 0.000809 | -0.000516 | 0.002029 | 0.000244 | -0.000739 | -0.000286 | 0.014166 | -0.003627 | -0.005106 | 0.000362 | -0.000703 | -0.000530 | -0.005608 | -0.005068 | -0.003181 | -0.002031 | 0.002484 | 0.004117 | 0.005326 | 0.006749 |
| 0.107385 | 0.100534 | -0.012478 | -0.013049 | -0.017289 | -0.009050 | -0.009050 | -0.005713 | -0.005713 | -1.781515e-02 | -1.781515e-02 | -0.011073 | -0.011073 | -0.017649 | -0.017649 | -1.600143e-02 | -1.600143e-02 | -0.012628 | -0.012628 | -0.009719 | -0.009719 | 0.005934 | 0.005934 | 0.005934 | 0.005934 | 0.005934 | 0.005934 | 0.005934 | 0.005934 | 0.005934 | 0.005934 | 0.005934 | 0.005934 | 0.003241 | 0.000108 | -0.000282 | -0.003646 | -0.004117 | -0.002457 | -0.000482 | 0.004342 | 0.003030 | -0.001848 | -0.002526 | -0.000366 | 0.001759 | 0.002274 | 0.003259 | 0.003743 | 0.005653 | 0.004358 | 0.004090 | 0.003452 | 0.003508 | -0.012083 | 0.006079 | 0.006024 | 0.017269 | 0.005778 | 0.008129 | 0.006515 |
| 0.113616 | 0.100947 | -0.009960 | -0.011491 | -0.010978 | -0.010277 | -0.010277 | -0.011269 | -0.011269 | -1.386031e-02 | -1.386031e-02 | -0.013066 | -0.013066 | -0.011518 | -0.011518 | -1.056054e-02 | -1.056054e-02 | 0.000074 | 0.000074 | -0.050170 | -0.050170 | 0.008607 | 0.008607 | 0.008607 | 0.008607 | 0.008607 | 0.008607 | 0.008607 | 0.008607 | 0.008607 | 0.008607 | 0.008607 | 0.008607 | 0.009926 | 0.010881 | 0.009992 | 0.007195 | 0.006344 | 0.006887 | 0.002320 | 0.001872 | 0.004294 | 0.004868 | 0.038634 | 0.015232 | 0.029811 | 0.003148 | 0.000910 | 0.016416 | -0.003318 | 0.005892 | -0.003033 | 0.000784 | -0.002717 | 0.001612 | 0.012744 | 0.002399 | 0.006075 | 0.007468 | 0.012252 | 0.011576 |
| 0.119847 | 0.101359 | -0.012225 | -0.012527 | -0.013132 | -0.012187 | -0.012187 | -0.002666 | -0.002666 | -2.680207e-03 | -2.680207e-03 | 0.002561 | 0.002561 | -0.026978 | -0.026978 | -4.873839e-03 | -4.873839e-03 | -0.002105 | -0.002105 | 0.013497 | 0.013497 | 0.013208 | 0.013208 | 0.013208 | 0.013208 | 0.013208 | 0.013208 | 0.013208 | 0.013208 | 0.013208 | 0.013208 | 0.013208 | 0.013208 | 0.005841 | 0.004227 | 0.003441 | 0.004492 | 0.003780 | 0.004103 | 0.005621 | 0.007898 | 0.007269 | 0.006960 | 0.008447 | 0.007256 | 0.008030 | 0.008531 | 0.006160 | 0.001845 | 0.002939 | 0.001334 | -0.003210 | -0.004123 | -0.000399 | -0.001909 | 0.000206 | 0.005359 | -0.007388 | 0.000903 | 0.002838 | 0.004645 |
| 0.126078 | 0.101772 | -0.007737 | -0.008146 | -0.007811 | -0.008113 | -0.008113 | -0.009965 | -0.009965 | -6.811257e-03 | -6.811257e-03 | -0.007943 | -0.007943 | -0.006578 | -0.006578 | -1.009332e-02 | -1.009332e-02 | -0.010204 | -0.010204 | -0.010022 | -0.010022 | 0.017428 | 0.017428 | 0.017428 | 0.017428 | 0.017428 | 0.017428 | 0.017428 | 0.017428 | 0.017428 | 0.017428 | 0.017428 | 0.017428 | 0.009160 | 0.007855 | 0.022729 | -0.005785 | 0.013114 | 0.017143 | 0.009168 | 0.008425 | 0.010208 | 0.014647 | 0.014253 | 0.011769 | 0.012175 | 0.011675 | 0.014284 | 0.014477 | 0.013311 | 0.007411 | 0.004627 | 0.002333 | 0.001844 | 0.026053 | 0.002920 | 0.000515 | 0.000078 | 0.002294 | 0.004157 | 0.005712 |
| 0.132309 | 0.102185 | -0.005756 | -0.004711 | -0.005210 | -0.005863 | -0.005863 | -0.003819 | -0.003819 | -5.142261e-03 | -5.142261e-03 | -0.006009 | -0.006009 | -0.006855 | -0.006855 | -6.471060e-03 | -6.471060e-03 | -0.006149 | -0.006149 | -0.005686 | -0.005686 | -0.000653 | -0.000653 | -0.000653 | -0.000653 | -0.000653 | -0.000653 | -0.000653 | -0.000653 | -0.000653 | -0.000653 | -0.000653 | -0.000653 | -0.000147 | 0.005773 | 0.006287 | 0.009046 | 0.016080 | 0.015827 | 0.016230 | 0.013758 | 0.011921 | 0.010846 | 0.012894 | 0.011140 | 0.011938 | 0.014183 | 0.015411 | 0.006954 | 0.009002 | 0.012103 | 0.014962 | 0.010539 | 0.015457 | 0.017775 | 0.014952 | 0.011170 | 0.012195 | 0.015151 | 0.012617 | 0.011327 |
| 0.135751 | 0.098939 | -0.005702 | -0.004638 | -0.004121 | -0.005742 | -0.005742 | -0.005137 | -0.005137 | -4.322543e-03 | -4.322543e-03 | -0.004770 | -0.004770 | -0.005099 | -0.005099 | -4.704238e-03 | -4.704238e-03 | -0.005487 | -0.005487 | -0.004574 | -0.004574 | -0.005239 | -0.005239 | -0.005239 | -0.005239 | -0.005239 | -0.005239 | -0.005239 | -0.005239 | -0.005239 | -0.005239 | -0.005239 | -0.005239 | -0.000683 | -0.000152 | 0.002023 | 0.003817 | 0.007317 | 0.005829 | 0.007704 | 0.004798 | 0.005577 | 0.005544 | 0.002229 | 0.000430 | 0.003154 | 0.006996 | 0.002119 | 0.005347 | 0.005961 | 0.012790 | 0.014247 | 0.017388 | 0.017183 | 0.015947 | 0.017791 | 0.015320 | 0.014527 | 0.013137 | 0.011903 | 0.009677 |
| 0.137003 | 0.092821 | -0.004873 | -0.006753 | -0.005260 | -0.005431 | -0.005431 | -0.005198 | -0.005198 | -5.588749e-03 | -5.588749e-03 | -0.005615 | -0.005615 | -0.005286 | -0.005286 | -6.135563e-03 | -6.135563e-03 | -0.006330 | -0.006330 | -0.005980 | -0.005980 | 0.004042 | 0.004042 | 0.004042 | 0.004042 | 0.004042 | 0.004042 | 0.004042 | 0.004042 | 0.004042 | 0.004042 | 0.004042 | 0.004042 | 0.002726 | 0.002255 | 0.003735 | 0.001966 | 0.000738 | 0.004106 | 0.001387 | 0.003749 | 0.010532 | 0.009700 | 0.014903 | 0.019842 | 0.015552 | 0.010996 | 0.013892 | 0.012530 | 0.010640 | 0.011754 | 0.011138 | 0.012419 | 0.013232 | 0.011087 | 0.008391 | 0.002429 | 0.001430 | 0.000742 | -0.000513 | 0.001923 |
| 0.138254 | 0.086703 | -0.005377 | -0.005130 | -0.004886 | -0.005621 | -0.005621 | -0.006080 | -0.006080 | -6.990917e-03 | -6.990917e-03 | -0.005802 | -0.005802 | -0.005101 | -0.005101 | -5.450875e-03 | -5.450875e-03 | -0.003847 | -0.003847 | -0.003039 | -0.003039 | -0.002328 | -0.002328 | -0.002328 | -0.002328 | -0.002328 | -0.002328 | -0.002328 | -0.002328 | -0.002328 | -0.002328 | -0.002328 | -0.002328 | -0.001138 | 0.001801 | 0.005129 | 0.010583 | 0.012570 | 0.009610 | 0.008151 | 0.011131 | 0.010563 | 0.009156 | 0.006345 | 0.009624 | 0.006915 | 0.005076 | 0.004629 | 0.004347 | 0.003436 | -0.000473 | 0.000209 | 0.001499 | -0.000227 | 0.000638 | 0.000634 | 0.002816 | 0.007051 | 0.008762 | 0.011787 | 0.011656 |
| 0.137511 | 0.082076 | -0.006887 | -0.005055 | -0.006265 | -0.007415 | -0.007415 | -0.007531 | -0.007531 | -8.542748e-03 | -8.542748e-03 | -0.004762 | -0.004762 | -0.002844 | -0.002844 | -1.273825e-03 | -1.273825e-03 | 0.000298 | 0.000298 | 0.005037 | 0.005037 | 0.011143 | 0.011143 | 0.011143 | 0.011143 | 0.011143 | 0.011143 | 0.011143 | 0.011143 | 0.011143 | 0.011143 | 0.011143 | 0.011143 | 0.011515 | 0.009471 | 0.010701 | 0.011943 | 0.006680 | 0.005924 | 0.006756 | 0.004268 | 0.003513 | 0.002539 | -0.000020 | 0.000251 | -0.000482 | -0.002017 | -0.001068 | -0.003555 | -0.004763 | -0.003091 | -0.001239 | 0.001722 | 0.004445 | 0.006068 | 0.005709 | 0.004907 | 0.006000 | 0.008880 | 0.003530 | 0.003317 |
| 0.131289 | 0.081547 | -0.005746 | -0.006476 | -0.005911 | -0.005456 | -0.005456 | -0.003796 | -0.003796 | 3.858245e-04 | 3.858245e-04 | 0.003564 | 0.003564 | 0.002111 | 0.002111 | 6.240202e-03 | 6.240202e-03 | 0.010234 | 0.010234 | 0.009472 | 0.009472 | 0.015699 | 0.015699 | 0.015699 | 0.015699 | 0.015699 | 0.015699 | 0.015699 | 0.015699 | 0.015699 | 0.015699 | 0.015699 | 0.015699 | 0.013557 | 0.007090 | 0.011004 | 0.008566 | 0.009658 | 0.007106 | 0.008471 | 0.001390 | 0.007277 | 0.003456 | -0.000625 | -0.002088 | -0.004797 | -0.003120 | -0.002959 | -0.004102 | -0.006427 | -0.004369 | -0.004729 | -0.002883 | -0.001596 | -0.002321 | -0.002682 | -0.000538 | 0.001959 | 0.003448 | 0.005968 | 0.008256 |
| 0.125067 | 0.081017 | -0.007059 | -0.006379 | -0.005964 | -0.003134 | -0.003134 | 0.002662 | 0.002662 | 4.399795e-03 | 4.399795e-03 | 0.004249 | 0.004249 | -0.006161 | -0.006161 | 4.792193e-03 | 4.792193e-03 | 0.009800 | 0.009800 | 0.011063 | 0.011063 | 0.004314 | 0.004314 | 0.004314 | 0.004314 | 0.004314 | 0.004314 | 0.004314 | 0.004314 | 0.004314 | 0.004314 | 0.004314 | 0.004314 | 0.005808 | 0.004753 | 0.010743 | 0.007790 | 0.011340 | 0.060000 | 0.019828 | 0.012617 | 0.011217 | 0.009287 | 0.008074 | 0.007411 | 0.003789 | 0.001143 | 0.003850 | 0.006295 | 0.000373 | -0.000234 | 0.000270 | -0.001773 | -0.001067 | 0.000536 | 0.001171 | 0.003096 | 0.007866 | 0.009154 | 0.009025 | 0.013038 |
| 0.118845 | 0.080488 | -0.003239 | -0.003341 | -0.003402 | 0.003260 | 0.003260 | 0.000900 | 0.000900 | 2.225252e-03 | 2.225252e-03 | 0.001821 | 0.001821 | 0.000763 | 0.000763 | 4.733864e-03 | 4.733864e-03 | 0.009478 | 0.009478 | 0.008070 | 0.008070 | 0.004586 | 0.004586 | 0.004586 | 0.004586 | 0.004586 | 0.004586 | 0.004586 | 0.004586 | 0.004586 | 0.004586 | 0.004586 | 0.004586 | 0.005418 | 0.011367 | 0.019881 | 0.012105 | 0.016218 | 0.019232 | 0.021909 | 0.019955 | 0.017736 | 0.015340 | 0.012463 | 0.011524 | 0.009401 | 0.010012 | 0.008416 | 0.004212 | 0.004586 | 0.007434 | 0.006664 | 0.007050 | 0.010297 | 0.009811 | 0.014415 | 0.015709 | 0.016065 | 0.016462 | 0.016083 | 0.017067 |
| 0.112622 | 0.079958 | 0.008347 | 0.005595 | 0.003494 | 0.001562 | 0.001562 | 0.005388 | 0.005388 | 7.307116e-03 | 7.307116e-03 | 0.006730 | 0.006730 | 0.006377 | 0.006377 | 5.553225e-04 | 5.553225e-04 | -0.003125 | -0.003125 | -0.001733 | -0.001733 | 0.006248 | 0.006248 | 0.006248 | 0.006248 | 0.006248 | 0.006248 | 0.006248 | 0.006248 | 0.006248 | 0.006248 | 0.006248 | 0.006248 | 0.008260 | 0.012206 | -0.000495 | 0.016668 | 0.024841 | 0.026541 | 0.021551 | 0.023492 | 0.013002 | 0.017925 | 0.017969 | 0.017098 | 0.015406 | 0.014325 | 0.014222 | 0.013808 | 0.013522 | 0.011597 | 0.012566 | 0.011447 | 0.037228 | 0.013458 | 0.010467 | 0.001415 | 0.011674 | 0.013575 | 0.013073 | 0.013193 |
| 0.106948 | 0.079956 | 0.007978 | 0.008728 | 0.006898 | 0.006144 | 0.006144 | 0.004909 | 0.004909 | 4.052570e-03 | 4.052570e-03 | -0.000677 | -0.000677 | 0.002265 | 0.002265 | -2.834220e-03 | -2.834220e-03 | -0.005613 | -0.005613 | -0.005180 | -0.005180 | 0.008817 | 0.008817 | 0.008817 | 0.008817 | 0.008817 | 0.008817 | 0.008817 | 0.008817 | 0.008817 | 0.008817 | 0.008817 | 0.008817 | 0.010364 | 0.011423 | 0.012821 | 0.010707 | 0.013181 | 0.014117 | 0.012644 | 0.010378 | 0.011271 | 0.011679 | 0.009122 | 0.011677 | 0.007814 | 0.006890 | 0.008497 | 0.008561 | 0.009070 | 0.008514 | 0.010784 | 0.007054 | 0.008615 | 0.009629 | 0.009455 | 0.009690 | 0.010022 | 0.009134 | 0.010125 | 0.010371 |
| 0.107709 | 0.086154 | 0.003238 | 0.002762 | 0.001469 | 0.002689 | 0.002689 | 0.009388 | 0.009388 | 1.018193e-02 | 1.018193e-02 | 0.004476 | 0.004476 | 0.006141 | 0.006141 | -1.281430e-04 | -1.281430e-04 | -0.003336 | -0.003336 | -0.001645 | -0.001645 | -0.010268 | -0.010268 | -0.010268 | -0.010268 | -0.010268 | -0.010268 | -0.010268 | -0.010268 | -0.010268 | -0.010268 | -0.010268 | -0.010268 | 0.004167 | 0.005028 | 0.008339 | 0.007523 | 0.007642 | 0.006775 | 0.008055 | 0.011187 | 0.011689 | 0.013216 | 0.013840 | 0.013919 | 0.013491 | 0.014864 | 0.013084 | 0.011492 | 0.008476 | 0.008462 | 0.006198 | 0.009755 | 0.009828 | 0.007023 | 0.006940 | 0.007812 | 0.007152 | 0.008345 | 0.008103 | 0.009864 |
| 0.10847 | 0.092352 | -0.011916 | -0.012131 | -0.011637 | -0.010791 | -0.010791 | -0.008326 | -0.008326 | -2.319336e-03 | -2.319336e-03 | 0.001595 | 0.001595 | 0.004037 | 0.004037 | 7.040081e-03 | 7.040081e-03 | 0.014907 | 0.014907 | 0.010712 | 0.010712 | 0.001638 | 0.001638 | 0.001638 | 0.001638 | 0.001638 | 0.001638 | 0.001638 | 0.001638 | 0.001638 | 0.001638 | 0.001638 | 0.001638 | -0.001458 | -0.002277 | -0.002684 | -0.003399 | -0.002836 | 0.001677 | 0.001915 | 0.001206 | 0.004429 | 0.004288 | 0.006342 | 0.006630 | 0.005920 | 0.008731 | 0.009474 | 0.009479 | 0.008436 | 0.009578 | 0.010403 | 0.009788 | 0.011114 | 0.012836 | 0.017188 | 0.013007 | 0.011316 | 0.008236 | 0.007778 | 0.003174 |
| 0.114428 | 0.093806 | -0.011021 | -0.013483 | -0.017212 | -0.009635 | -0.009635 | -0.010880 | -0.010880 | -7.862173e-03 | -7.862173e-03 | -0.010471 | -0.010471 | -0.016568 | -0.016568 | -7.399842e-03 | -7.399842e-03 | -0.004030 | -0.004030 | 0.001652 | 0.001652 | 0.008295 | 0.008295 | 0.008295 | 0.008295 | 0.008295 | 0.008295 | 0.008295 | 0.008295 | 0.008295 | 0.008295 | 0.008295 | 0.008295 | 0.008822 | 0.007022 | -0.001731 | -0.023109 | 0.002465 | -0.001104 | 0.022847 | -0.028584 | -0.001079 | -0.010913 | -0.003921 | -0.006502 | 0.028901 | 0.047900 | 0.004419 | 0.006678 | 0.032189 | 0.005390 | 0.005141 | 0.015735 | 0.014959 | 0.014266 | 0.015239 | 0.017843 | 0.017379 | 0.018254 | 0.021139 | 0.017305 |
| 0.120532 | 0.095128 | -0.017372 | -0.000797 | -0.001614 | -0.002958 | -0.002958 | 0.000460 | 0.000460 | -6.438173e-03 | -6.438173e-03 | -0.009508 | -0.009508 | -0.012972 | -0.012972 | -1.112818e-02 | -1.112818e-02 | -0.003576 | -0.003576 | -0.002026 | -0.002026 | 0.004258 | 0.004258 | 0.004258 | 0.004258 | 0.004258 | 0.004258 | 0.004258 | 0.004258 | 0.004258 | 0.004258 | 0.004258 | 0.004258 | 0.008789 | 0.006834 | 0.009015 | 0.010975 | 0.008656 | 0.008137 | 0.010100 | 0.010089 | 0.005770 | 0.002679 | -0.000353 | -0.032483 | -0.004963 | -0.005460 | -0.000035 | -0.002802 | -0.003219 | -0.002394 | 0.001211 | 0.003644 | 0.002816 | 0.006222 | 0.009055 | 0.009181 | -0.008452 | 0.018581 | 0.018448 | 0.017104 |
| 0.126635 | 0.096449 | -0.004918 | -0.004493 | -0.006949 | -0.005167 | -0.005167 | -0.007305 | -0.007305 | -8.390054e-03 | -8.390054e-03 | -0.009514 | -0.009514 | -0.010331 | -0.010331 | -1.093444e-02 | -1.093444e-02 | -0.007999 | -0.007999 | -0.004793 | -0.004793 | 0.012988 | 0.012988 | 0.012988 | 0.012988 | 0.012988 | 0.012988 | 0.012988 | 0.012988 | 0.012988 | 0.012988 | 0.012988 | 0.012988 | 0.018726 | 0.012705 | 0.012164 | 0.017502 | 0.014761 | 0.014476 | 0.014840 | 0.008664 | 0.007345 | 0.008163 | 0.007766 | 0.006446 | 0.002882 | 0.036402 | 0.003494 | 0.001033 | 0.002443 | 0.003157 | 0.001857 | 0.004049 | 0.004727 | 0.006804 | 0.009387 | 0.008243 | 0.006863 | 0.011240 | 0.009675 | 0.012844 |
| 0.131529 | 0.095415 | -0.006799 | -0.004946 | -0.006215 | -0.005726 | -0.005726 | -0.006903 | -0.006903 | -5.767342e-03 | -5.767342e-03 | -0.006983 | -0.006983 | -0.008197 | -0.008197 | -5.984389e-03 | -5.984389e-03 | -0.005246 | -0.005246 | -0.006278 | -0.006278 | 0.007618 | 0.007618 | 0.007618 | 0.007618 | 0.007618 | 0.007618 | 0.007618 | 0.007618 | 0.007618 | 0.007618 | 0.007618 | 0.007618 | 0.014685 | 0.011319 | 0.011262 | 0.011660 | 0.012167 | 0.009709 | 0.009307 | 0.008540 | 0.006858 | 0.005703 | 0.013843 | 0.013608 | 0.015774 | 0.015203 | 0.017439 | 0.021067 | 0.020405 | 0.020160 | 0.016423 | 0.013798 | 0.019095 | 0.016697 | 0.007297 | 0.009536 | 0.009003 | -0.005986 | -0.000996 | -0.001909 |
| 0.132847 | 0.090302 | -0.006042 | -0.007756 | -0.006434 | -0.008068 | -0.008068 | -0.007351 | -0.007351 | -7.474214e-03 | -7.474214e-03 | -0.006817 | -0.006817 | -0.006925 | -0.006925 | -7.840866e-03 | -7.840866e-03 | -0.009321 | -0.009321 | -0.004988 | -0.004988 | 0.008683 | 0.008683 | 0.008683 | 0.008683 | 0.008683 | 0.008683 | 0.008683 | 0.008683 | 0.008683 | 0.008683 | 0.008683 | 0.008683 | 0.004700 | 0.005538 | 0.007353 | 0.006124 | 0.009357 | 0.009280 | 0.010938 | 0.014093 | 0.017765 | 0.015442 | 0.016459 | 0.018283 | 0.016466 | 0.015587 | 0.013453 | 0.012746 | 0.010868 | 0.007818 | 0.006830 | 0.000852 | -0.000849 | -0.002008 | -0.002942 | -0.001222 | -0.000976 | -0.006694 | -0.004736 | -0.000908 |
| 0.126713 | 0.089134 | -0.006980 | -0.007806 | -0.009482 | -0.007479 | -0.007479 | -0.008433 | -0.008433 | -6.424115e-03 | -6.424115e-03 | -0.008034 | -0.008034 | 0.021529 | 0.021529 | 2.632211e-03 | 2.632211e-03 | -0.023901 | -0.023901 | 0.010066 | 0.010066 | 0.008685 | 0.008685 | 0.008685 | 0.008685 | 0.008685 | 0.008685 | 0.008685 | 0.008685 | 0.008685 | 0.008685 | 0.008685 | 0.008685 | 0.007919 | 0.009821 | 0.005217 | 0.010150 | 0.006541 | 0.006225 | 0.004552 | 0.006422 | 0.003259 | 0.003609 | 0.005521 | 0.006770 | 0.004840 | 0.009384 | 0.010853 | 0.012388 | 0.025647 | 0.014414 | 0.016677 | 0.017712 | 0.015442 | 0.013405 | -0.003439 | 0.004669 | 0.004159 | 0.001417 | 0.005205 | 0.005317 |
| 0.120578 | 0.087965 | -0.008459 | -0.016654 | -0.014971 | -0.009943 | -0.009943 | -0.011476 | -0.011476 | -1.141740e-02 | -1.141740e-02 | -0.008174 | -0.008174 | -0.004849 | -0.004849 | 7.968913e-03 | 7.968913e-03 | 0.001645 | 0.001645 | 0.002149 | 0.002149 | 0.003254 | 0.003254 | 0.003254 | 0.003254 | 0.003254 | 0.003254 | 0.003254 | 0.003254 | 0.003254 | 0.003254 | 0.003254 | 0.003254 | 0.002688 | -0.010452 | 0.003339 | 0.003139 | -0.002395 | -0.007438 | -0.003764 | 0.000144 | -0.002701 | 0.005815 | 0.001872 | 0.006856 | 0.009936 | 0.015048 | 0.019407 | 0.019105 | 0.015693 | 0.013235 | -0.005561 | 0.012293 | 0.011459 | 0.012234 | 0.011907 | 0.009736 | 0.010647 | 0.011041 | 0.011548 | 0.011202 |
| 0.114444 | 0.086797 | -0.005558 | -0.005204 | 0.001891 | -0.004577 | -0.004577 | -0.000098 | -0.000098 | -4.777298e-03 | -4.777298e-03 | 0.000768 | 0.000768 | 0.007208 | 0.007208 | 3.114641e-03 | 3.114641e-03 | 0.003984 | 0.003984 | 0.025138 | 0.025138 | 0.001877 | 0.001877 | 0.001877 | 0.001877 | 0.001877 | 0.001877 | 0.001877 | 0.001877 | 0.001877 | 0.001877 | 0.001877 | 0.001877 | -0.024735 | -0.010764 | -0.008746 | -0.008796 | -0.002098 | -0.006135 | 0.006922 | 0.009974 | 0.008292 | 0.009342 | 0.009166 | 0.005503 | 0.020228 | 0.016987 | 0.012057 | -0.009120 | 0.015652 | 0.023585 | 0.019904 | 0.013940 | 0.018351 | 0.015059 | 0.015668 | 0.015736 | 0.013541 | 0.012482 | 0.011546 | 0.015796 |

## v velocities
| Unnamed: 0 | Unnamed: 1 | Time (ms) and v Velocity Component (m/s) | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 | Unnamed: 9 | Unnamed: 10 | Unnamed: 11 | Unnamed: 12 | Unnamed: 13 | Unnamed: 14 | Unnamed: 15 | Unnamed: 16 | Unnamed: 17 | Unnamed: 18 | Unnamed: 19 | Unnamed: 20 | Unnamed: 21 | Unnamed: 22 | Unnamed: 23 | Unnamed: 24 | Unnamed: 25 | Unnamed: 26 | Unnamed: 27 | Unnamed: 28 | Unnamed: 29 | Unnamed: 30 | Unnamed: 31 | Unnamed: 32 | Unnamed: 33 | Unnamed: 34 | Unnamed: 35 | Unnamed: 36 | Unnamed: 37 | Unnamed: 38 | Unnamed: 39 | Unnamed: 40 | Unnamed: 41 | Unnamed: 42 | Unnamed: 43 | Unnamed: 44 | Unnamed: 45 | Unnamed: 46 | Unnamed: 47 | Unnamed: 48 | Unnamed: 49 | Unnamed: 50 | Unnamed: 51 | Unnamed: 52 | Unnamed: 53 | Unnamed: 54 | Unnamed: 55 | Unnamed: 56 | Unnamed: 57 | Unnamed: 58 | Unnamed: 59 | Unnamed: 60 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| x coord (m) | y coord (m) | 16.666667 | 33.333333 | 50.000000 | 66.666667 | 83.333333 | 100.000000 | 116.666667 | 133.333333 | 150.000000 | 166.666667 | 183.333333 | 200.000000 | 216.666667 | 233.333333 | 250.000000 | 266.666667 | 283.333333 | 300.000000 | 316.666667 | 333.333333 | 350.000000 | 366.666667 | 383.333333 | 400.000000 | 416.666667 | 433.333333 | 450.000000 | 466.666667 | 483.333333 | 500.000000 | 516.666667 | 533.333333 | 550.000000 | 566.666667 | 583.333333 | 600.000000 | 616.666667 | 633.333333 | 650.000000 | 666.666667 | 683.333333 | 700.000000 | 716.666667 | 733.333333 | 750.000000 | 766.666667 | 783.333333 | 800.000000 | 816.666667 | 833.333333 | 850.000000 | 866.666667 | 883.333333 | 900.000000 | 916.666667 | 933.333333 | 950.000000 | 966.666667 | 983.333333 |
| 0.17031 | 0.038257 | 0.028791 | 0.026909 | 0.054972 | 0.006925 | 0.006925 | 0.055691 | 0.055691 | 0.055335 | 0.055335 | 0.038909 | 0.038909 | 0.051296 | 0.051296 | 0.042517 | 0.042517 | 0.022620 | 0.022620 | 0.054938 | 0.054938 | 0.049256 | 0.049256 | 0.049256 | 0.049256 | 0.049256 | 0.049256 | 0.049256 | 0.049256 | 0.049256 | 0.049256 | 0.049256 | 0.049256 | 0.043503 | 0.060016 | 0.047407 | 0.035700 | 0.053952 | 0.050582 | 0.029649 | 0.019656 | 0.064270 | 0.055491 | 0.051155 | 0.047117 | 0.035151 | 0.034211 | 0.023298 | 0.037273 | 0.033514 | 0.049499 | 0.042080 | 0.025858 | 0.047147 | 0.038049 | 0.043930 | 0.047790 | 0.045465 | 0.058187 | 0.056874 | 0.079578 |
| 0.164065 | 0.038243 | 0.000295 | 0.053977 | 0.049916 | 0.037294 | 0.037294 | 0.057144 | 0.057144 | 0.063574 | 0.063574 | 0.057096 | 0.057096 | 0.056958 | 0.056958 | 0.044545 | 0.044545 | 0.068159 | 0.068159 | 0.069257 | 0.069257 | 0.051286 | 0.051286 | 0.051286 | 0.051286 | 0.051286 | 0.051286 | 0.051286 | 0.051286 | 0.051286 | 0.051286 | 0.051286 | 0.051286 | 0.039703 | 0.011312 | 0.051983 | 0.033097 | 0.057304 | 0.046929 | 0.052202 | 0.051295 | 0.044503 | 0.047053 | 0.052169 | 0.039719 | 0.044837 | 0.052874 | 0.061825 | 0.050827 | 0.036274 | 0.034460 | 0.017738 | 0.031382 | 0.058185 | 0.025566 | 0.040787 | 0.027133 | 0.047915 | 0.035444 | 0.043262 | 0.053096 |
| 0.157821 | 0.038228 | 0.034601 | 0.046017 | 0.076440 | 0.034515 | 0.034515 | 0.042655 | 0.042655 | 0.048989 | 0.048989 | 0.044974 | 0.044974 | 0.057167 | 0.057167 | 0.030546 | 0.030546 | 0.043252 | 0.043252 | -0.000553 | -0.000553 | 0.063940 | 0.063940 | 0.063940 | 0.063940 | 0.063940 | 0.063940 | 0.063940 | 0.063940 | 0.063940 | 0.063940 | 0.063940 | 0.063940 | 0.031012 | 0.017920 | 0.043970 | 0.062958 | 0.050411 | 0.059253 | 0.018512 | -0.013075 | 0.042101 | 0.050427 | 0.053173 | 0.040901 | 0.042150 | 0.050001 | 0.038908 | 0.060133 | 0.037963 | 0.062836 | 0.062397 | 0.060925 | 0.024990 | 0.031021 | 0.065139 | 0.057426 | 0.057866 | 0.056048 | 0.052301 | 0.026467 |
| 0.151576 | 0.038214 | 0.058242 | 0.047479 | 0.086097 | -0.010053 | -0.010053 | 0.036614 | 0.036614 | 0.045664 | 0.045664 | 0.010603 | 0.010603 | 0.062374 | 0.062374 | 0.062753 | 0.062753 | 0.049947 | 0.049947 | 0.063187 | 0.063187 | 0.060566 | 0.060566 | 0.060566 | 0.060566 | 0.060566 | 0.060566 | 0.060566 | 0.060566 | 0.060566 | 0.060566 | 0.060566 | 0.060566 | 0.063820 | 0.058582 | 0.055416 | 0.051140 | 0.041048 | 0.060846 | 0.053499 | 0.043187 | 0.011189 | 0.028153 | 0.048152 | 0.063359 | 0.065546 | 0.060493 | 0.053892 | 0.061086 | 0.014283 | 0.036875 | 0.076267 | 0.048365 | 0.001799 | 0.014820 | 0.033152 | 0.024749 | 0.061016 | 0.036370 | 0.055571 | -0.015890 |
| 0.145331 | 0.0382 | 0.055943 | 0.049432 | 0.069235 | 0.050809 | 0.050809 | 0.053135 | 0.053135 | 0.097604 | 0.097604 | 0.016657 | 0.016657 | 0.056231 | 0.056231 | 0.080761 | 0.080761 | 0.057498 | 0.057498 | 0.058662 | 0.058662 | 0.053669 | 0.053669 | 0.053669 | 0.053669 | 0.053669 | 0.053669 | 0.053669 | 0.053669 | 0.053669 | 0.053669 | 0.053669 | 0.053669 | -0.018625 | 0.061893 | 0.039565 | 0.047461 | 0.055317 | 0.034576 | 0.049141 | 0.048458 | 0.015237 | -0.010154 | 0.056484 | 0.028677 | 0.035954 | 0.064166 | -0.007245 | 0.081062 | 0.047520 | 0.050556 | 0.033069 | -0.010776 | 0.003399 | 0.064272 | 0.045521 | 0.027847 | 0.035000 | 0.041402 | 0.055021 | 0.034376 |
| 0.139087 | 0.038185 | 0.020144 | 0.037761 | 0.037653 | 0.041937 | 0.041937 | 0.050689 | 0.050689 | 0.050439 | 0.050439 | -0.012849 | -0.012849 | 0.075166 | 0.075166 | 0.090987 | 0.090987 | 0.043784 | 0.043784 | 0.041264 | 0.041264 | 0.038134 | 0.038134 | 0.038134 | 0.038134 | 0.038134 | 0.038134 | 0.038134 | 0.038134 | 0.038134 | 0.038134 | 0.038134 | 0.038134 | 0.001125 | -0.057534 | 0.023941 | 0.019813 | 0.026014 | 0.017912 | 0.006367 | 0.006392 | 0.015239 | 0.007881 | 0.012848 | 0.002482 | -0.001834 | 0.042276 | 0.014456 | 0.032845 | 0.010767 | 0.025628 | 0.011409 | 0.002770 | 0.006013 | 0.057687 | -0.024561 | 0.016863 | 0.018713 | 0.023337 | -0.040018 | 0.020805 |
| 0.132842 | 0.038171 | 0.042735 | 0.011187 | 0.037506 | 0.077983 | 0.077983 | 0.044383 | 0.044383 | 0.044143 | 0.044143 | 0.009820 | 0.009820 | -0.005084 | -0.005084 | -0.001847 | -0.001847 | 0.024010 | 0.024010 | 0.048354 | 0.048354 | 0.006519 | 0.006519 | 0.006519 | 0.006519 | 0.006519 | 0.006519 | 0.006519 | 0.006519 | 0.006519 | 0.006519 | 0.006519 | 0.006519 | 0.025143 | 0.017014 | 0.014873 | 0.012175 | 0.008309 | -0.000544 | 0.016925 | 0.017224 | 0.049768 | -0.011722 | 0.054089 | -0.032623 | 0.001671 | 0.053564 | -0.004795 | 0.001695 | -0.000311 | 0.027564 | -0.002105 | 0.019594 | 0.039666 | -0.022946 | 0.006980 | 0.009652 | 0.009076 | 0.021788 | -0.002507 | 0.016625 |
| 0.126597 | 0.038157 | 0.010826 | 0.006152 | -0.019707 | -0.015760 | -0.015760 | 0.002074 | 0.002074 | 0.026932 | 0.026932 | 0.024547 | 0.024547 | 0.047115 | 0.047115 | -0.046204 | -0.046204 | 0.067823 | 0.067823 | 0.087780 | 0.087780 | 0.014276 | 0.014276 | 0.014276 | 0.014276 | 0.014276 | 0.014276 | 0.014276 | 0.014276 | 0.014276 | 0.014276 | 0.014276 | 0.014276 | 0.030538 | 0.023754 | 0.072594 | 0.065094 | -0.010493 | 0.015299 | 0.036985 | 0.017606 | -0.046808 | -0.002550 | 0.034445 | -0.002457 | 0.009623 | -0.014868 | 0.012749 | 0.034267 | 0.006389 | 0.090142 | 0.000944 | 0.013771 | 0.066648 | 0.013854 | 0.006148 | 0.029965 | 0.056227 | 0.077771 | 0.066253 | 0.000727 |
| 0.120352 | 0.038142 | -0.021500 | 0.018345 | 0.027747 | 0.035551 | 0.035551 | 0.025220 | 0.025220 | 0.005998 | 0.005998 | 0.043572 | 0.043572 | 0.035078 | 0.035078 | 0.014008 | 0.014008 | -0.002455 | -0.002455 | 0.001334 | 0.001334 | 0.012152 | 0.012152 | 0.012152 | 0.012152 | 0.012152 | 0.012152 | 0.012152 | 0.012152 | 0.012152 | 0.012152 | 0.012152 | 0.012152 | 0.022175 | 0.072551 | 0.023160 | 0.033953 | 0.022629 | 0.017550 | 0.026601 | 0.008151 | 0.002970 | 0.048172 | 0.012086 | -0.028179 | 0.025047 | 0.020764 | 0.033320 | 0.026906 | 0.046852 | 0.025968 | -0.026462 | -0.021124 | 0.043353 | 0.099600 | 0.020728 | 0.042986 | 0.020454 | -0.011369 | 0.087570 | 0.013990 |
| 0.114108 | 0.038128 | 0.025965 | 0.052591 | 0.003312 | 0.026517 | 0.026517 | 0.037539 | 0.037539 | 0.094887 | 0.094887 | 0.017627 | 0.017627 | 0.015037 | 0.015037 | -0.000905 | -0.000905 | -0.003994 | -0.003994 | 0.022257 | 0.022257 | 0.018090 | 0.018090 | 0.018090 | 0.018090 | 0.018090 | 0.018090 | 0.018090 | 0.018090 | 0.018090 | 0.018090 | 0.018090 | 0.018090 | 0.037771 | -0.007284 | 0.036564 | 0.008375 | 0.025655 | 0.014242 | 0.029239 | -0.003607 | 0.041264 | 0.019909 | 0.022542 | 0.039834 | 0.038561 | 0.013252 | 0.023908 | 0.006683 | -0.037764 | 0.034825 | -0.024545 | 0.010100 | -0.037210 | -0.014553 | 0.024739 | -0.055489 | 0.015485 | 0.013018 | 0.025663 | 0.046956 |
| 0.107863 | 0.038114 | 0.053529 | 0.043286 | 0.028875 | 0.041204 | 0.041204 | 0.038968 | 0.038968 | 0.043806 | 0.043806 | 0.038922 | 0.038922 | 0.033573 | 0.033573 | 0.049575 | 0.049575 | 0.042805 | 0.042805 | 0.040319 | 0.040319 | 0.051065 | 0.051065 | 0.051065 | 0.051065 | 0.051065 | 0.051065 | 0.051065 | 0.051065 | 0.051065 | 0.051065 | 0.051065 | 0.051065 | 0.028704 | 0.052231 | 0.079217 | 0.052136 | 0.059374 | 0.042064 | 0.014586 | 0.011986 | 0.039055 | 0.029857 | 0.031678 | 0.061811 | 0.020550 | 0.008492 | 0.028761 | 0.033221 | 0.012253 | 0.009480 | 0.059212 | 0.026489 | 0.025217 | -0.009912 | 0.021270 | 0.028153 | 0.026841 | 0.022694 | 0.082129 | 0.019078 |
| 0.101618 | 0.038099 | 0.104361 | 0.058594 | 0.041951 | 0.028852 | 0.028852 | 0.054986 | 0.054986 | 0.045549 | 0.045549 | 0.040994 | 0.040994 | 0.056128 | 0.056128 | 0.060272 | 0.060272 | 0.052369 | 0.052369 | -0.015416 | -0.015416 | 0.056233 | 0.056233 | 0.056233 | 0.056233 | 0.056233 | 0.056233 | 0.056233 | 0.056233 | 0.056233 | 0.056233 | 0.056233 | 0.056233 | 0.055368 | 0.062281 | 0.057777 | 0.057829 | 0.060989 | 0.068826 | 0.057700 | 0.053374 | 0.055072 | 0.056768 | 0.049846 | 0.058975 | 0.039440 | 0.020309 | 0.065336 | 0.059566 | 0.063413 | 0.045718 | 0.056304 | 0.052823 | 0.045924 | 0.046321 | 0.042243 | 0.042379 | -0.023690 | 0.116278 | 0.036923 | 0.070394 |
| 0.095374 | 0.038085 | 0.052044 | 0.048889 | 0.068631 | 0.036801 | 0.036801 | 0.079807 | 0.079807 | 0.063606 | 0.063606 | 0.055088 | 0.055088 | 0.054276 | 0.054276 | 0.064292 | 0.064292 | 0.073797 | 0.073797 | 0.051048 | 0.051048 | 0.059598 | 0.059598 | 0.059598 | 0.059598 | 0.059598 | 0.059598 | 0.059598 | 0.059598 | 0.059598 | 0.059598 | 0.059598 | 0.059598 | 0.063765 | 0.058917 | 0.063280 | 0.062199 | 0.060777 | 0.061741 | 0.027299 | 0.056706 | 0.055305 | 0.054916 | 0.062771 | 0.057449 | 0.050923 | 0.058726 | 0.051931 | 0.057647 | 0.058564 | 0.061756 | 0.062222 | 0.040290 | 0.091687 | 0.027837 | 0.100648 | 0.053169 | 0.045121 | 0.068950 | 0.056206 | 0.060940 |
| 0.089129 | 0.038071 | 0.049550 | 0.072386 | 0.056476 | 0.059224 | 0.059224 | 0.053499 | 0.053499 | 0.058169 | 0.058169 | 0.042408 | 0.042408 | 0.057562 | 0.057562 | 0.057361 | 0.057361 | 0.061324 | 0.061324 | 0.063673 | 0.063673 | 0.047480 | 0.047480 | 0.047480 | 0.047480 | 0.047480 | 0.047480 | 0.047480 | 0.047480 | 0.047480 | 0.047480 | 0.047480 | 0.047480 | 0.083036 | 0.061146 | 0.056638 | 0.055621 | 0.066176 | 0.072513 | 0.071797 | 0.055325 | 0.061690 | 0.047270 | 0.099609 | 0.060377 | 0.050302 | 0.037671 | 0.064736 | 0.052013 | 0.052039 | 0.087027 | 0.053268 | 0.059233 | 0.070299 | 0.064822 | 0.060035 | 0.066040 | 0.058568 | 0.067738 | 0.072188 | 0.064664 |
| 0.082884 | 0.038056 | 0.066557 | 0.067430 | 0.066528 | 0.063702 | 0.063702 | 0.053459 | 0.053459 | 0.050129 | 0.050129 | 0.059050 | 0.059050 | 0.063220 | 0.063220 | 0.063436 | 0.063436 | 0.069479 | 0.069479 | 0.058883 | 0.058883 | 0.060255 | 0.060255 | 0.060255 | 0.060255 | 0.060255 | 0.060255 | 0.060255 | 0.060255 | 0.060255 | 0.060255 | 0.060255 | 0.060255 | 0.070108 | 0.063785 | 0.059105 | 0.062963 | 0.063159 | 0.065932 | 0.051314 | 0.079593 | 0.056810 | 0.056978 | 0.132241 | 0.042935 | 0.061079 | 0.074255 | 0.065196 | 0.059833 | 0.066092 | 0.061143 | 0.066596 | 0.055090 | 0.062346 | 0.061431 | 0.062727 | 0.062957 | 0.052168 | 0.070561 | 0.045600 | 0.049632 |
| 0.076639 | 0.038042 | 0.057480 | 0.051152 | 0.058785 | 0.037189 | 0.037189 | 0.058624 | 0.058624 | 0.057437 | 0.057437 | 0.064414 | 0.064414 | 0.067526 | 0.067526 | 0.058878 | 0.058878 | 0.050989 | 0.050989 | 0.066897 | 0.066897 | 0.032296 | 0.032296 | 0.032296 | 0.032296 | 0.032296 | 0.032296 | 0.032296 | 0.032296 | 0.032296 | 0.032296 | 0.032296 | 0.032296 | 0.056389 | 0.065348 | 0.048006 | 0.073934 | 0.064750 | 0.061458 | 0.064834 | 0.058044 | 0.064426 | 0.059401 | 0.070685 | 0.056635 | 0.069946 | 0.057134 | 0.127596 | 0.062212 | 0.065756 | 0.062576 | 0.061528 | 0.067712 | 0.058838 | 0.063588 | 0.069872 | 0.056670 | 0.059117 | 0.056415 | 0.060277 | 0.065790 |
| 0.070483 | 0.038117 | 0.062244 | 0.067533 | 0.053902 | 0.026078 | 0.026078 | 0.069016 | 0.069016 | 0.066016 | 0.066016 | 0.058054 | 0.058054 | 0.058677 | 0.058677 | 0.059284 | 0.059284 | 0.056998 | 0.056998 | 0.055512 | 0.055512 | 0.069624 | 0.069624 | 0.069624 | 0.069624 | 0.069624 | 0.069624 | 0.069624 | 0.069624 | 0.069624 | 0.069624 | 0.069624 | 0.069624 | 0.055181 | 0.061153 | 0.062619 | 0.061639 | 0.066122 | 0.061217 | 0.074210 | 0.060530 | 0.062566 | 0.060261 | 0.060029 | 0.059871 | 0.061405 | 0.056922 | 0.075646 | 0.061446 | 0.059845 | 0.063881 | 0.050473 | 0.060006 | 0.044290 | 0.021649 | 0.042719 | 0.061891 | 0.068894 | 0.069519 | 0.067372 | 0.058126 |
| 0.070499 | 0.044361 | 0.064484 | 0.056528 | 0.057339 | 0.060498 | 0.060498 | 0.059380 | 0.059380 | 0.054652 | 0.054652 | 0.057557 | 0.057557 | 0.060580 | 0.060580 | 0.058971 | 0.058971 | 0.056353 | 0.056353 | 0.068410 | 0.068410 | 0.063645 | 0.063645 | 0.063645 | 0.063645 | 0.063645 | 0.063645 | 0.063645 | 0.063645 | 0.063645 | 0.063645 | 0.063645 | 0.063645 | 0.062406 | 0.060953 | 0.059789 | 0.061656 | 0.059671 | 0.059929 | 0.061984 | 0.058760 | 0.057843 | 0.063047 | 0.057863 | 0.059390 | 0.062668 | 0.062905 | 0.060284 | 0.058579 | 0.061272 | 0.060276 | 0.057841 | 0.059394 | 0.055200 | 0.057613 | 0.056761 | 0.054589 | 0.059370 | 0.061463 | 0.062045 | 0.056727 |
| 0.070515 | 0.050606 | 0.057839 | 0.056668 | 0.058668 | 0.058755 | 0.058755 | 0.062111 | 0.062111 | 0.056771 | 0.056771 | 0.059251 | 0.059251 | 0.058897 | 0.058897 | 0.056724 | 0.056724 | 0.050329 | 0.050329 | 0.064068 | 0.064068 | 0.055145 | 0.055145 | 0.055145 | 0.055145 | 0.055145 | 0.055145 | 0.055145 | 0.055145 | 0.055145 | 0.055145 | 0.055145 | 0.055145 | 0.060080 | 0.057361 | 0.058448 | 0.063768 | 0.048311 | 0.060770 | 0.065104 | 0.058858 | 0.059995 | 0.054972 | 0.056345 | 0.058050 | 0.059143 | 0.060269 | 0.052220 | 0.056885 | 0.062908 | 0.063631 | 0.057644 | 0.059561 | 0.059015 | 0.053025 | 0.059141 | 0.057347 | 0.059921 | 0.061315 | 0.057118 | 0.055063 |
| 0.07053 | 0.056851 | 0.054551 | 0.062572 | 0.054010 | 0.057711 | 0.057711 | 0.057280 | 0.057280 | 0.055184 | 0.055184 | 0.062011 | 0.062011 | 0.056561 | 0.056561 | 0.061500 | 0.061500 | 0.053355 | 0.053355 | 0.058432 | 0.058432 | 0.058688 | 0.058688 | 0.058688 | 0.058688 | 0.058688 | 0.058688 | 0.058688 | 0.058688 | 0.058688 | 0.058688 | 0.058688 | 0.058688 | 0.058922 | 0.057747 | 0.056925 | 0.056265 | 0.056372 | 0.058694 | 0.058613 | 0.058548 | 0.058769 | 0.054798 | 0.054828 | 0.055945 | 0.056874 | 0.058430 | 0.058737 | 0.059149 | 0.057969 | 0.055053 | 0.058444 | 0.059992 | 0.055872 | 0.061443 | 0.054755 | 0.063013 | 0.060444 | 0.058103 | 0.055330 | 0.060962 |
| 0.070546 | 0.063095 | 0.053792 | 0.057649 | 0.053405 | 0.059004 | 0.059004 | 0.056595 | 0.056595 | 0.052436 | 0.052436 | 0.056344 | 0.056344 | 0.060404 | 0.060404 | 0.054879 | 0.054879 | 0.057245 | 0.057245 | 0.057178 | 0.057178 | 0.043120 | 0.043120 | 0.043120 | 0.043120 | 0.043120 | 0.043120 | 0.043120 | 0.043120 | 0.043120 | 0.043120 | 0.043120 | 0.043120 | 0.056411 | 0.059957 | 0.053593 | 0.055075 | 0.060229 | 0.057741 | 0.056165 | 0.060186 | 0.054687 | 0.063028 | 0.057170 | 0.052222 | 0.059311 | 0.053662 | 0.052938 | 0.049818 | 0.051504 | 0.054762 | 0.053425 | 0.054771 | 0.049542 | 0.055714 | 0.048293 | 0.041361 | 0.044354 | 0.059312 | 0.059171 | 0.056758 |
| 0.070561 | 0.06934 | 0.056319 | 0.055586 | 0.057305 | 0.056428 | 0.056428 | 0.054070 | 0.054070 | 0.056376 | 0.056376 | 0.058192 | 0.058192 | 0.059491 | 0.059491 | 0.058744 | 0.058744 | 0.060144 | 0.060144 | 0.056870 | 0.056870 | 0.057484 | 0.057484 | 0.057484 | 0.057484 | 0.057484 | 0.057484 | 0.057484 | 0.057484 | 0.057484 | 0.057484 | 0.057484 | 0.057484 | 0.059995 | 0.058241 | 0.060385 | 0.057579 | 0.056458 | 0.061834 | 0.058550 | 0.059024 | 0.061029 | 0.058014 | 0.059869 | 0.057657 | 0.058337 | 0.057558 | 0.055268 | 0.055883 | 0.054501 | 0.056130 | 0.058972 | 0.056903 | 0.054488 | 0.052551 | 0.051730 | 0.054555 | 0.059743 | 0.061392 | 0.061471 | 0.053407 |
| 0.070577 | 0.075585 | 0.057541 | 0.061179 | 0.057398 | 0.054366 | 0.054366 | 0.044534 | 0.044534 | 0.048072 | 0.048072 | 0.054918 | 0.054918 | 0.055147 | 0.055147 | 0.056446 | 0.056446 | 0.052554 | 0.052554 | 0.052896 | 0.052896 | 0.053856 | 0.053856 | 0.053856 | 0.053856 | 0.053856 | 0.053856 | 0.053856 | 0.053856 | 0.053856 | 0.053856 | 0.053856 | 0.053856 | 0.054872 | 0.053681 | 0.062596 | 0.055896 | 0.053459 | 0.056441 | 0.056382 | 0.049751 | 0.064376 | 0.048459 | 0.054514 | 0.056203 | 0.055055 | 0.060070 | 0.055952 | 0.058513 | 0.055268 | 0.054857 | 0.058843 | 0.054260 | 0.052703 | 0.053254 | 0.061959 | 0.057526 | 0.057524 | 0.053956 | 0.055414 | 0.057311 |
| 0.070592 | 0.08183 | 0.054268 | 0.053112 | 0.050003 | 0.051599 | 0.051599 | 0.046596 | 0.046596 | 0.055971 | 0.055971 | 0.052648 | 0.052648 | 0.050847 | 0.050847 | 0.054507 | 0.054507 | 0.053119 | 0.053119 | 0.048574 | 0.048574 | 0.050807 | 0.050807 | 0.050807 | 0.050807 | 0.050807 | 0.050807 | 0.050807 | 0.050807 | 0.050807 | 0.050807 | 0.050807 | 0.050807 | 0.052372 | 0.050878 | 0.050461 | 0.051620 | 0.048777 | 0.052443 | 0.048878 | 0.049200 | 0.052403 | 0.043213 | 0.053362 | 0.050692 | 0.049354 | 0.052781 | 0.054922 | 0.057292 | 0.053828 | 0.057884 | 0.056163 | 0.050514 | 0.051923 | 0.053669 | 0.050233 | 0.053733 | 0.047666 | 0.050878 | 0.042485 | 0.047451 |
| 0.070608 | 0.088074 | 0.052010 | 0.065291 | 0.051574 | 0.051373 | 0.051373 | 0.055695 | 0.055695 | 0.058994 | 0.058994 | 0.056633 | 0.056633 | 0.057128 | 0.057128 | 0.062033 | 0.062033 | 0.050675 | 0.050675 | 0.052382 | 0.052382 | 0.055640 | 0.055640 | 0.055640 | 0.055640 | 0.055640 | 0.055640 | 0.055640 | 0.055640 | 0.055640 | 0.055640 | 0.055640 | 0.055640 | 0.051262 | 0.056440 | 0.051747 | 0.050271 | 0.052080 | 0.051247 | 0.056343 | 0.053160 | 0.056541 | 0.043949 | 0.054572 | 0.055755 | 0.049155 | 0.055523 | 0.055447 | 0.037328 | 0.051996 | 0.056204 | 0.051711 | 0.049704 | 0.051170 | 0.054062 | 0.049364 | 0.054244 | 0.055846 | 0.053379 | 0.046241 | 0.045097 |
| 0.070624 | 0.094319 | 0.059162 | 0.058114 | 0.059294 | 0.058977 | 0.058977 | 0.062103 | 0.062103 | 0.055906 | 0.055906 | 0.056555 | 0.056555 | 0.059595 | 0.059595 | 0.060911 | 0.060911 | 0.057904 | 0.057904 | 0.057997 | 0.057997 | 0.057834 | 0.057834 | 0.057834 | 0.057834 | 0.057834 | 0.057834 | 0.057834 | 0.057834 | 0.057834 | 0.057834 | 0.057834 | 0.057834 | 0.052941 | 0.054495 | 0.054767 | 0.057552 | 0.063381 | 0.055832 | 0.056529 | 0.052490 | 0.054991 | 0.057273 | 0.054370 | 0.055244 | 0.059465 | 0.061859 | 0.057058 | 0.053453 | 0.058852 | 0.055749 | 0.054796 | 0.057796 | 0.054645 | 0.054917 | 0.054272 | 0.066200 | 0.056649 | 0.057627 | 0.058659 | 0.059256 |
| 0.070639 | 0.100564 | 0.062294 | 0.058948 | 0.067424 | 0.057338 | 0.057338 | 0.057543 | 0.057543 | 0.063692 | 0.063692 | 0.060597 | 0.060597 | 0.057617 | 0.057617 | 0.065891 | 0.065891 | 0.057973 | 0.057973 | 0.061492 | 0.061492 | 0.056365 | 0.056365 | 0.056365 | 0.056365 | 0.056365 | 0.056365 | 0.056365 | 0.056365 | 0.056365 | 0.056365 | 0.056365 | 0.056365 | 0.062204 | 0.055196 | 0.057794 | 0.060364 | 0.061608 | 0.057134 | 0.057436 | 0.057439 | 0.055037 | 0.058891 | 0.055454 | 0.056926 | 0.055658 | 0.061315 | 0.053953 | 0.055142 | 0.063015 | 0.061385 | 0.055891 | 0.058730 | 0.053644 | 0.057998 | 0.055770 | 0.056274 | 0.055919 | 0.061339 | 0.057636 | 0.055595 |
| 0.070655 | 0.106808 | 0.062649 | 0.057406 | 0.058792 | 0.061868 | 0.061868 | 0.061294 | 0.061294 | 0.059041 | 0.059041 | 0.058319 | 0.058319 | 0.052688 | 0.052688 | 0.059190 | 0.059190 | 0.055925 | 0.055925 | 0.058695 | 0.058695 | 0.058666 | 0.058666 | 0.058666 | 0.058666 | 0.058666 | 0.058666 | 0.058666 | 0.058666 | 0.058666 | 0.058666 | 0.058666 | 0.058666 | 0.060768 | 0.059692 | 0.058666 | 0.059121 | 0.062550 | 0.057730 | 0.055726 | 0.056721 | 0.058966 | 0.056398 | 0.057408 | 0.057610 | 0.057329 | 0.056992 | 0.055726 | 0.050197 | 0.061275 | 0.057034 | 0.052530 | 0.064975 | 0.055649 | 0.057414 | 0.056981 | 0.054997 | 0.052475 | 0.061765 | 0.055247 | 0.057046 |
| 0.07067 | 0.113053 | 0.064010 | 0.053834 | 0.063015 | 0.061522 | 0.061522 | 0.066879 | 0.066879 | 0.061495 | 0.061495 | 0.057917 | 0.057917 | 0.058492 | 0.058492 | 0.071187 | 0.071187 | 0.050944 | 0.050944 | 0.062147 | 0.062147 | 0.059363 | 0.059363 | 0.059363 | 0.059363 | 0.059363 | 0.059363 | 0.059363 | 0.059363 | 0.059363 | 0.059363 | 0.059363 | 0.059363 | 0.060624 | 0.061376 | 0.057383 | 0.060865 | 0.057560 | 0.060422 | 0.059581 | 0.061464 | 0.059346 | 0.058693 | 0.058942 | 0.060359 | 0.060067 | 0.056892 | 0.056347 | 0.063947 | 0.055802 | 0.060951 | 0.055019 | 0.056893 | 0.052198 | 0.056526 | 0.059524 | 0.056440 | 0.057461 | 0.054942 | 0.060067 | 0.060430 |
| 0.070686 | 0.119298 | 0.063223 | 0.050276 | 0.056625 | 0.059240 | 0.059240 | 0.060963 | 0.060963 | 0.062488 | 0.062488 | 0.064317 | 0.064317 | 0.061549 | 0.061549 | 0.056547 | 0.056547 | 0.051157 | 0.051157 | 0.056750 | 0.056750 | 0.059576 | 0.059576 | 0.059576 | 0.059576 | 0.059576 | 0.059576 | 0.059576 | 0.059576 | 0.059576 | 0.059576 | 0.059576 | 0.059576 | 0.061140 | 0.063048 | 0.052415 | 0.059203 | 0.055792 | 0.060451 | 0.054855 | 0.057722 | 0.055327 | 0.049685 | 0.062020 | 0.058188 | 0.061153 | 0.061019 | 0.056088 | 0.062660 | 0.054305 | 0.057651 | 0.057432 | 0.054715 | 0.053769 | 0.058451 | 0.053819 | 0.059359 | 0.055309 | 0.051777 | 0.052920 | 0.058483 |
| 0.070701 | 0.125543 | 0.046244 | 0.062534 | 0.056323 | 0.061281 | 0.061281 | 0.050286 | 0.050286 | 0.053363 | 0.053363 | 0.051069 | 0.051069 | 0.059294 | 0.059294 | 0.053391 | 0.053391 | 0.067727 | 0.067727 | 0.067379 | 0.067379 | 0.062014 | 0.062014 | 0.062014 | 0.062014 | 0.062014 | 0.062014 | 0.062014 | 0.062014 | 0.062014 | 0.062014 | 0.062014 | 0.062014 | 0.053652 | 0.049719 | 0.049208 | 0.060014 | 0.059885 | 0.056332 | 0.054692 | 0.054827 | 0.053317 | 0.047739 | 0.053015 | 0.056618 | 0.042536 | 0.052761 | 0.052113 | 0.054125 | 0.063748 | 0.050388 | 0.047825 | 0.064879 | 0.062110 | 0.055394 | 0.054621 | 0.058177 | 0.056746 | 0.054651 | 0.053303 | 0.056749 |
| 0.072658 | 0.12985 | 0.054940 | 0.062998 | 0.054336 | 0.075411 | 0.075411 | 0.054100 | 0.054100 | 0.052504 | 0.052504 | 0.049929 | 0.049929 | 0.054439 | 0.054439 | 0.062180 | 0.062180 | 0.067428 | 0.067428 | 0.063439 | 0.063439 | 0.054786 | 0.054786 | 0.054786 | 0.054786 | 0.054786 | 0.054786 | 0.054786 | 0.054786 | 0.054786 | 0.054786 | 0.054786 | 0.054786 | 0.059569 | 0.033369 | 0.074440 | 0.060049 | 0.055282 | 0.057055 | 0.054737 | 0.085139 | 0.038228 | 0.011504 | 0.053779 | 0.068117 | 0.047668 | 0.048911 | 0.066447 | 0.050466 | 0.046494 | 0.063605 | 0.046973 | 0.063578 | 0.056691 | 0.059792 | 0.059376 | 0.068131 | 0.052507 | 0.056642 | 0.052911 | 0.067759 |
| 0.078903 | 0.129879 | -0.026920 | 0.061862 | 0.063265 | 0.061910 | 0.061910 | 0.055271 | 0.055271 | 0.065970 | 0.065970 | 0.063616 | 0.063616 | 0.061476 | 0.061476 | 0.049255 | 0.049255 | 0.069994 | 0.069994 | 0.060581 | 0.060581 | 0.048238 | 0.048238 | 0.048238 | 0.048238 | 0.048238 | 0.048238 | 0.048238 | 0.048238 | 0.048238 | 0.048238 | 0.048238 | 0.048238 | 0.046986 | 0.056723 | 0.057765 | 0.071648 | 0.058862 | 0.068607 | 0.051876 | -0.007508 | 0.059248 | 0.051883 | 0.052407 | 0.051527 | 0.046415 | 0.034927 | 0.067394 | 0.076547 | 0.058748 | 0.064082 | 0.060066 | 0.060818 | 0.055310 | 0.057138 | 0.043941 | 0.050729 | 0.048855 | 0.059716 | 0.057989 | 0.055979 |
| 0.085147 | 0.129908 | 0.058281 | 0.072218 | 0.051190 | 0.034159 | 0.034159 | 0.045232 | 0.045232 | 0.063489 | 0.063489 | 0.058737 | 0.058737 | 0.059222 | 0.059222 | 0.068499 | 0.068499 | 0.063662 | 0.063662 | 0.048134 | 0.048134 | 0.022198 | 0.022198 | 0.022198 | 0.022198 | 0.022198 | 0.022198 | 0.022198 | 0.022198 | 0.022198 | 0.022198 | 0.022198 | 0.022198 | 0.078493 | 0.008672 | 0.043226 | 0.060545 | 0.042606 | 0.044395 | 0.045500 | 0.098186 | 0.044875 | 0.066506 | 0.076272 | 0.059358 | 0.009421 | 0.017353 | 0.030439 | 0.042357 | 0.035956 | 0.069862 | 0.031852 | 0.071122 | 0.057584 | 0.061668 | 0.064741 | 0.062918 | 0.060672 | 0.045939 | 0.061556 | 0.063790 |
| 0.091392 | 0.129936 | 0.065511 | 0.073236 | 0.054134 | 0.060551 | 0.060551 | 0.057941 | 0.057941 | 0.057763 | 0.057763 | 0.063366 | 0.063366 | 0.072745 | 0.072745 | 0.011888 | 0.011888 | 0.055755 | 0.055755 | 0.026192 | 0.026192 | 0.038967 | 0.038967 | 0.038967 | 0.038967 | 0.038967 | 0.038967 | 0.038967 | 0.038967 | 0.038967 | 0.038967 | 0.038967 | 0.038967 | 0.034358 | 0.028724 | 0.052097 | 0.053815 | 0.052601 | 0.070286 | 0.029394 | 0.044375 | 0.035217 | 0.049818 | 0.047733 | 0.051516 | 0.052730 | 0.056210 | 0.045890 | 0.053858 | 0.040229 | 0.036205 | 0.041034 | 0.064883 | 0.049583 | 0.045384 | 0.057653 | 0.067549 | 0.031685 | 0.008366 | 0.044556 | 0.041930 |
| 0.097637 | 0.129965 | 0.041467 | 0.060504 | 0.043702 | 0.056017 | 0.056017 | 0.048531 | 0.048531 | 0.052508 | 0.052508 | 0.092634 | 0.092634 | 0.014950 | 0.014950 | 0.047478 | 0.047478 | 0.051913 | 0.051913 | 0.010245 | 0.010245 | 0.038760 | 0.038760 | 0.038760 | 0.038760 | 0.038760 | 0.038760 | 0.038760 | 0.038760 | 0.038760 | 0.038760 | 0.038760 | 0.038760 | 0.022536 | 0.030055 | 0.054447 | 0.033634 | 0.008878 | 0.058600 | 0.027779 | 0.040684 | 0.037280 | 0.023637 | 0.021883 | 0.039730 | 0.040590 | 0.058003 | 0.048257 | 0.056516 | 0.021989 | 0.035030 | 0.023600 | 0.036291 | 0.045990 | 0.042738 | 0.035450 | 0.047269 | 0.041408 | 0.040539 | 0.015781 | 0.038589 |
| 0.103881 | 0.129994 | 0.049563 | 0.051932 | 0.034381 | 0.047360 | 0.047360 | 0.055429 | 0.055429 | 0.040933 | 0.040933 | 0.041549 | 0.041549 | 0.014364 | 0.014364 | 0.042655 | 0.042655 | 0.043085 | 0.043085 | 0.038165 | 0.038165 | 0.027226 | 0.027226 | 0.027226 | 0.027226 | 0.027226 | 0.027226 | 0.027226 | 0.027226 | 0.027226 | 0.027226 | 0.027226 | 0.027226 | 0.025089 | 0.011818 | 0.034282 | 0.029195 | 0.028286 | 0.043980 | -0.001099 | 0.032708 | 0.007713 | 0.017909 | 0.005765 | 0.020420 | 0.030623 | 0.032061 | 0.033182 | 0.036690 | 0.022156 | 0.023734 | 0.020651 | 0.031682 | 0.035717 | 0.038236 | 0.036350 | 0.033161 | 0.028029 | 0.032721 | 0.019268 | 0.016326 |
| 0.110126 | 0.130023 | 0.063661 | 0.053146 | 0.018738 | 0.049123 | 0.049123 | 0.060977 | 0.060977 | 0.029898 | 0.029898 | 0.029348 | 0.029348 | 0.015216 | 0.015216 | 0.047078 | 0.047078 | 0.040874 | 0.040874 | 0.021219 | 0.021219 | 0.013899 | 0.013899 | 0.013899 | 0.013899 | 0.013899 | 0.013899 | 0.013899 | 0.013899 | 0.013899 | 0.013899 | 0.013899 | 0.013899 | 0.025716 | 0.035431 | 0.055180 | 0.006316 | 0.026250 | 0.033527 | 0.020910 | 0.019949 | 0.042772 | 0.020436 | 0.017000 | 0.020019 | 0.022568 | 0.032397 | 0.031395 | 0.026318 | 0.027420 | 0.008174 | 0.025619 | 0.019571 | 0.023916 | 0.035214 | 0.043513 | 0.028985 | 0.034414 | 0.025158 | 0.020624 | 0.014828 |
| 0.116371 | 0.130051 | 0.044149 | 0.055492 | 0.014011 | 0.048609 | 0.048609 | 0.028672 | 0.028672 | 0.029065 | 0.029065 | 0.030907 | 0.030907 | 0.022567 | 0.022567 | 0.035561 | 0.035561 | 0.040748 | 0.040748 | 0.026487 | 0.026487 | 0.024085 | 0.024085 | 0.024085 | 0.024085 | 0.024085 | 0.024085 | 0.024085 | 0.024085 | 0.024085 | 0.024085 | 0.024085 | 0.024085 | 0.024521 | 0.028263 | 0.036275 | 0.028073 | 0.021332 | 0.023241 | 0.029535 | 0.027326 | 0.044255 | 0.015842 | 0.025425 | 0.025290 | 0.013515 | 0.012126 | 0.036646 | 0.023279 | 0.023685 | 0.030534 | 0.024334 | 0.011702 | 0.034302 | 0.018314 | 0.032348 | 0.026247 | 0.034860 | 0.028535 | 0.029988 | 0.018662 |
| 0.122615 | 0.13008 | 0.045344 | 0.041108 | 0.021485 | 0.031511 | 0.031511 | 0.020135 | 0.020135 | 0.028472 | 0.028472 | 0.029491 | 0.029491 | 0.029092 | 0.029092 | 0.030079 | 0.030079 | 0.044360 | 0.044360 | 0.031275 | 0.031275 | 0.029661 | 0.029661 | 0.029661 | 0.029661 | 0.029661 | 0.029661 | 0.029661 | 0.029661 | 0.029661 | 0.029661 | 0.029661 | 0.029661 | 0.033472 | 0.031391 | 0.015421 | 0.034569 | 0.021221 | 0.011729 | 0.033492 | 0.039366 | 0.035440 | 0.018703 | 0.021835 | 0.034873 | 0.030485 | 0.018642 | 0.035873 | 0.022017 | 0.018936 | 0.034543 | 0.008597 | 0.010440 | 0.033864 | 0.009659 | 0.028639 | 0.026842 | 0.033197 | 0.028740 | 0.032326 | 0.018553 |
| 0.12886 | 0.130109 | 0.044953 | 0.035845 | 0.025744 | 0.027808 | 0.027808 | 0.027083 | 0.027083 | 0.033150 | 0.033150 | 0.029932 | 0.029932 | 0.029135 | 0.029135 | 0.034760 | 0.034760 | 0.041448 | 0.041448 | 0.030244 | 0.030244 | 0.036555 | 0.036555 | 0.036555 | 0.036555 | 0.036555 | 0.036555 | 0.036555 | 0.036555 | 0.036555 | 0.036555 | 0.036555 | 0.036555 | 0.039956 | 0.025771 | 0.021614 | 0.033624 | 0.016725 | 0.020005 | 0.036196 | 0.047802 | 0.030560 | 0.031425 | 0.021229 | 0.042826 | 0.034996 | 0.025790 | 0.038653 | 0.023393 | 0.013950 | 0.035157 | 0.014070 | 0.013059 | 0.027452 | 0.015320 | 0.027694 | 0.030029 | 0.033153 | 0.028887 | 0.029667 | 0.021526 |
| 0.135105 | 0.130137 | 0.045188 | 0.034762 | 0.025706 | 0.019593 | 0.019593 | 0.033008 | 0.033008 | 0.037703 | 0.037703 | 0.032116 | 0.032116 | 0.034109 | 0.034109 | 0.037357 | 0.037357 | 0.040352 | 0.040352 | 0.036175 | 0.036175 | 0.040778 | 0.040778 | 0.040778 | 0.040778 | 0.040778 | 0.040778 | 0.040778 | 0.040778 | 0.040778 | 0.040778 | 0.040778 | 0.040778 | 0.041688 | 0.026887 | 0.031006 | 0.033754 | 0.021895 | 0.032008 | 0.039183 | 0.048617 | 0.033655 | 0.031889 | 0.018820 | 0.047647 | 0.040742 | 0.025424 | 0.041948 | 0.023537 | 0.016627 | 0.038195 | 0.019491 | 0.021042 | 0.031055 | 0.019678 | 0.028729 | 0.029029 | 0.030216 | 0.031776 | 0.031876 | 0.025781 |
| 0.141349 | 0.130166 | 0.045394 | 0.038473 | 0.029409 | 0.024557 | 0.024557 | 0.035043 | 0.035043 | 0.039519 | 0.039519 | 0.036510 | 0.036510 | 0.039256 | 0.039256 | 0.039731 | 0.039731 | 0.040234 | 0.040234 | 0.035966 | 0.035966 | 0.045090 | 0.045090 | 0.045090 | 0.045090 | 0.045090 | 0.045090 | 0.045090 | 0.045090 | 0.045090 | 0.045090 | 0.045090 | 0.045090 | 0.041434 | 0.034432 | 0.038917 | 0.037961 | 0.030565 | 0.038564 | 0.041614 | 0.048314 | 0.037928 | 0.021012 | 0.016506 | 0.048299 | 0.044957 | 0.034866 | 0.042108 | 0.030321 | 0.022889 | 0.044408 | 0.019079 | 0.025079 | 0.037378 | 0.026333 | 0.034142 | 0.028169 | 0.030970 | 0.033694 | 0.037482 | 0.033852 |
| 0.147594 | 0.130195 | 0.051173 | 0.046549 | 0.033016 | 0.032318 | 0.032318 | 0.032074 | 0.032074 | 0.039543 | 0.039543 | 0.039170 | 0.039170 | 0.040320 | 0.040320 | 0.044607 | 0.044607 | 0.042327 | 0.042327 | 0.031698 | 0.031698 | 0.047856 | 0.047856 | 0.047856 | 0.047856 | 0.047856 | 0.047856 | 0.047856 | 0.047856 | 0.047856 | 0.047856 | 0.047856 | 0.047856 | 0.042363 | 0.039579 | 0.044578 | 0.040272 | 0.036143 | 0.042144 | 0.043906 | 0.046481 | 0.039782 | 0.018637 | 0.023187 | 0.047539 | 0.044040 | 0.040181 | 0.042479 | 0.036483 | 0.025764 | 0.052909 | 0.017905 | 0.022826 | 0.041154 | 0.031089 | 0.037975 | 0.032759 | 0.029521 | 0.035200 | 0.040960 | 0.039393 |
| 0.153839 | 0.130224 | 0.056427 | 0.057166 | 0.032820 | 0.036413 | 0.036413 | 0.030213 | 0.030213 | 0.040112 | 0.040112 | 0.040854 | 0.040854 | 0.040422 | 0.040422 | 0.049752 | 0.049752 | 0.042601 | 0.042601 | 0.035451 | 0.035451 | 0.047636 | 0.047636 | 0.047636 | 0.047636 | 0.047636 | 0.047636 | 0.047636 | 0.047636 | 0.047636 | 0.047636 | 0.047636 | 0.047636 | 0.043897 | 0.042201 | 0.046888 | 0.038736 | 0.040281 | 0.042985 | 0.045176 | 0.044890 | 0.038894 | 0.023548 | 0.028111 | 0.044746 | 0.040566 | 0.040402 | 0.045443 | 0.044457 | 0.032340 | 0.058951 | 0.008318 | 0.014122 | 0.042378 | 0.029725 | 0.038364 | 0.041114 | 0.025401 | 0.035358 | 0.044980 | 0.040224 |
| 0.160083 | 0.130252 | 0.056421 | 0.065154 | 0.034343 | 0.037895 | 0.037895 | 0.031255 | 0.031255 | 0.041158 | 0.041158 | 0.042138 | 0.042138 | 0.039908 | 0.039908 | 0.050712 | 0.050712 | 0.041568 | 0.041568 | 0.040127 | 0.040127 | 0.045927 | 0.045927 | 0.045927 | 0.045927 | 0.045927 | 0.045927 | 0.045927 | 0.045927 | 0.045927 | 0.045927 | 0.045927 | 0.045927 | 0.044501 | 0.043612 | 0.045364 | 0.035691 | 0.040525 | 0.040656 | 0.045169 | 0.045580 | 0.037509 | 0.027015 | 0.027572 | 0.040420 | 0.037844 | 0.039999 | 0.048250 | 0.048831 | 0.046047 | 0.046742 | 0.002144 | 0.010280 | 0.041962 | 0.029626 | 0.035667 | 0.043836 | 0.024093 | 0.035249 | 0.044142 | 0.039383 |
| 0.166328 | 0.130281 | 0.051445 | 0.064504 | 0.036306 | 0.037786 | 0.037786 | 0.030667 | 0.030667 | 0.041952 | 0.041952 | 0.043134 | 0.043134 | 0.038315 | 0.038315 | 0.047444 | 0.047444 | 0.040359 | 0.040359 | 0.039710 | 0.039710 | 0.043600 | 0.043600 | 0.043600 | 0.043600 | 0.043600 | 0.043600 | 0.043600 | 0.043600 | 0.043600 | 0.043600 | 0.043600 | 0.043600 | 0.043983 | 0.044518 | 0.040255 | 0.033756 | 0.038300 | 0.036570 | 0.043641 | 0.046339 | 0.035996 | 0.026474 | 0.024761 | 0.036545 | 0.038223 | 0.039597 | 0.046756 | 0.044866 | 0.042814 | 0.048007 | 0.020088 | 0.020176 | 0.040831 | 0.036296 | 0.031593 | 0.044464 | 0.026404 | 0.034020 | 0.041820 | 0.038515 |
| 0.170328 | 0.128037 | 0.048605 | 0.065890 | 0.039001 | 0.038569 | 0.038569 | 0.031282 | 0.031282 | 0.043193 | 0.043193 | 0.045581 | 0.045581 | 0.037560 | 0.037560 | 0.047217 | 0.047217 | 0.040857 | 0.040857 | 0.040231 | 0.040231 | 0.043332 | 0.043332 | 0.043332 | 0.043332 | 0.043332 | 0.043332 | 0.043332 | 0.043332 | 0.043332 | 0.043332 | 0.043332 | 0.043332 | 0.044877 | 0.046893 | 0.036903 | 0.033996 | 0.037945 | 0.034063 | 0.045010 | 0.048464 | 0.036335 | 0.026710 | 0.023957 | 0.036176 | 0.040163 | 0.040888 | 0.047510 | 0.043667 | 0.043050 | 0.049820 | 0.029279 | 0.026236 | 0.041444 | 0.039657 | 0.034281 | 0.046439 | 0.031524 | 0.033039 | 0.041418 | 0.039506 |
| 0.170377 | 0.121792 | 0.048999 | 0.073974 | 0.055731 | 0.039995 | 0.039995 | 0.037372 | 0.037372 | 0.046213 | 0.046213 | 0.052802 | 0.052802 | 0.039054 | 0.039054 | 0.048376 | 0.048376 | 0.045309 | 0.045309 | 0.045382 | 0.045382 | 0.045496 | 0.045496 | 0.045496 | 0.045496 | 0.045496 | 0.045496 | 0.045496 | 0.045496 | 0.045496 | 0.045496 | 0.045496 | 0.045496 | 0.047266 | 0.054238 | 0.029661 | 0.038624 | 0.044783 | 0.037333 | 0.041302 | 0.056324 | 0.035705 | 0.021316 | 0.017553 | 0.041647 | 0.043888 | 0.044226 | 0.051916 | 0.044231 | 0.047175 | 0.052088 | 0.043361 | 0.042728 | 0.042856 | 0.046326 | 0.045147 | 0.053150 | 0.037291 | 0.026208 | 0.045452 | 0.044279 |
| 0.170426 | 0.115548 | 0.050351 | 0.050263 | 0.063425 | 0.019816 | 0.019816 | 0.073857 | 0.073857 | 0.046147 | 0.046147 | 0.031660 | 0.031660 | 0.045544 | 0.045544 | 0.050735 | 0.050735 | 0.048225 | 0.048225 | 0.031698 | 0.031698 | 0.034618 | 0.034618 | 0.034618 | 0.034618 | 0.034618 | 0.034618 | 0.034618 | 0.034618 | 0.034618 | 0.034618 | 0.034618 | 0.034618 | 0.029946 | 0.060978 | 0.042144 | 0.058559 | 0.059291 | 0.047219 | 0.063345 | 0.054520 | 0.056412 | 0.063836 | 0.034273 | 0.060169 | 0.118986 | 0.045718 | 0.061465 | 0.049539 | 0.056033 | 0.054740 | 0.055848 | 0.065453 | 0.036617 | 0.048013 | 0.063305 | 0.056479 | 0.022161 | 0.033377 | 0.048718 | 0.053717 |
| 0.170476 | 0.109303 | 0.057356 | 0.056593 | 0.058456 | 0.063430 | 0.063430 | 0.055671 | 0.055671 | 0.059282 | 0.059282 | 0.059214 | 0.059214 | 0.061632 | 0.061632 | 0.054949 | 0.054949 | 0.058166 | 0.058166 | 0.056107 | 0.056107 | 0.053203 | 0.053203 | 0.053203 | 0.053203 | 0.053203 | 0.053203 | 0.053203 | 0.053203 | 0.053203 | 0.053203 | 0.053203 | 0.053203 | 0.058397 | 0.054815 | 0.050035 | 0.051973 | 0.057366 | 0.055650 | 0.055449 | 0.057489 | 0.055652 | 0.056228 | 0.056489 | 0.055747 | 0.058989 | 0.056147 | 0.059067 | 0.056711 | 0.057790 | 0.063737 | 0.056056 | 0.053840 | 0.054347 | 0.054018 | 0.054686 | 0.049417 | 0.056025 | 0.078073 | 0.065985 | 0.053227 |
| 0.170525 | 0.103059 | 0.056512 | 0.056424 | 0.057497 | 0.057760 | 0.057760 | 0.059735 | 0.059735 | 0.050382 | 0.050382 | 0.057881 | 0.057881 | 0.049950 | 0.049950 | 0.052418 | 0.052418 | 0.056872 | 0.056872 | 0.054788 | 0.054788 | 0.061929 | 0.061929 | 0.061929 | 0.061929 | 0.061929 | 0.061929 | 0.061929 | 0.061929 | 0.061929 | 0.061929 | 0.061929 | 0.061929 | 0.054937 | 0.049065 | 0.059163 | 0.055171 | 0.057026 | 0.056199 | 0.058719 | 0.057941 | 0.056978 | 0.059794 | 0.059338 | 0.056778 | 0.056381 | 0.056981 | 0.055139 | 0.054134 | 0.055721 | 0.055795 | 0.054187 | 0.053588 | 0.054997 | 0.053162 | 0.056458 | 0.054937 | 0.055543 | 0.056330 | 0.056180 | 0.052799 |
| 0.170574 | 0.096814 | 0.054078 | 0.053193 | 0.056595 | 0.055948 | 0.055948 | 0.055005 | 0.055005 | 0.054066 | 0.054066 | 0.051193 | 0.051193 | 0.054569 | 0.054569 | 0.053984 | 0.053984 | 0.056426 | 0.056426 | 0.052654 | 0.052654 | 0.057123 | 0.057123 | 0.057123 | 0.057123 | 0.057123 | 0.057123 | 0.057123 | 0.057123 | 0.057123 | 0.057123 | 0.057123 | 0.057123 | 0.057098 | 0.053070 | 0.049509 | 0.057286 | 0.057710 | 0.055177 | 0.055553 | 0.056002 | 0.055169 | 0.053332 | 0.056667 | 0.053745 | 0.054043 | 0.056344 | 0.056454 | 0.054857 | 0.054076 | 0.056981 | 0.051972 | 0.050863 | 0.051952 | 0.048840 | 0.051441 | 0.053244 | 0.053236 | 0.050675 | 0.047793 | 0.048199 |
| 0.170623 | 0.09057 | 0.049674 | 0.044972 | 0.051673 | 0.048860 | 0.048860 | 0.055597 | 0.055597 | 0.050504 | 0.050504 | 0.046082 | 0.046082 | 0.045281 | 0.045281 | 0.048615 | 0.048615 | 0.050403 | 0.050403 | 0.051705 | 0.051705 | 0.052889 | 0.052889 | 0.052889 | 0.052889 | 0.052889 | 0.052889 | 0.052889 | 0.052889 | 0.052889 | 0.052889 | 0.052889 | 0.052889 | 0.052559 | 0.047796 | 0.052702 | 0.052462 | 0.052262 | 0.049542 | 0.052173 | 0.049878 | 0.047386 | 0.051494 | 0.052104 | 0.047360 | 0.037122 | 0.047463 | 0.048889 | 0.048078 | 0.045771 | 0.053952 | 0.051556 | 0.051298 | 0.047724 | 0.051726 | 0.052158 | 0.049070 | 0.053542 | 0.051110 | 0.050180 | 0.049888 |
| 0.170672 | 0.084325 | 0.049209 | 0.048568 | 0.047057 | 0.042847 | 0.042847 | 0.034427 | 0.034427 | 0.048157 | 0.048157 | 0.045411 | 0.045411 | 0.053421 | 0.053421 | 0.044153 | 0.044153 | 0.046537 | 0.046537 | 0.043945 | 0.043945 | 0.045691 | 0.045691 | 0.045691 | 0.045691 | 0.045691 | 0.045691 | 0.045691 | 0.045691 | 0.045691 | 0.045691 | 0.045691 | 0.045691 | 0.049578 | 0.047526 | 0.043872 | 0.040178 | 0.049782 | 0.049910 | 0.048748 | 0.048456 | 0.041439 | 0.045566 | 0.050018 | 0.035645 | 0.041045 | 0.046900 | 0.048302 | 0.049432 | 0.046991 | 0.045874 | 0.048932 | 0.045292 | 0.041860 | 0.046800 | 0.050995 | 0.041845 | 0.048464 | 0.046582 | 0.044633 | 0.038017 |
| 0.170721 | 0.07808 | 0.040097 | 0.045623 | 0.044388 | 0.047769 | 0.047769 | 0.044164 | 0.044164 | 0.043915 | 0.043915 | 0.045285 | 0.045285 | 0.040450 | 0.040450 | 0.043367 | 0.043367 | 0.052107 | 0.052107 | 0.048750 | 0.048750 | 0.023763 | 0.023763 | 0.023763 | 0.023763 | 0.023763 | 0.023763 | 0.023763 | 0.023763 | 0.023763 | 0.023763 | 0.023763 | 0.023763 | 0.045516 | 0.024343 | 0.025076 | 0.049052 | 0.043264 | 0.021688 | 0.044591 | 0.022849 | 0.015364 | 0.016891 | 0.021537 | 0.059777 | 0.052484 | 0.051925 | 0.050100 | 0.040716 | 0.048725 | 0.042441 | 0.039480 | 0.045075 | 0.045704 | 0.047004 | 0.048182 | 0.039958 | 0.043221 | 0.044228 | 0.023477 | 0.037921 |
| 0.170771 | 0.071836 | 0.055431 | 0.058204 | 0.057359 | 0.058361 | 0.058361 | 0.058325 | 0.058325 | 0.055985 | 0.055985 | 0.055947 | 0.055947 | 0.057147 | 0.057147 | 0.057357 | 0.057357 | 0.057061 | 0.057061 | 0.057717 | 0.057717 | 0.055207 | 0.055207 | 0.055207 | 0.055207 | 0.055207 | 0.055207 | 0.055207 | 0.055207 | 0.055207 | 0.055207 | 0.055207 | 0.055207 | 0.060361 | 0.057506 | 0.055267 | 0.055766 | 0.054214 | 0.056549 | 0.058067 | 0.053297 | 0.052692 | 0.050982 | 0.047855 | 0.052110 | 0.053684 | 0.055793 | 0.055874 | 0.053979 | 0.055157 | 0.054870 | 0.055561 | 0.055398 | 0.055164 | 0.056822 | 0.057569 | 0.054813 | 0.056051 | 0.056457 | 0.054623 | 0.056461 |
| 0.17082 | 0.065591 | 0.051043 | 0.051348 | 0.046551 | 0.056985 | 0.056985 | 0.055360 | 0.055360 | 0.051953 | 0.051953 | 0.050279 | 0.050279 | 0.057820 | 0.057820 | 0.058422 | 0.058422 | 0.059166 | 0.059166 | 0.055092 | 0.055092 | 0.050979 | 0.050979 | 0.050979 | 0.050979 | 0.050979 | 0.050979 | 0.050979 | 0.050979 | 0.050979 | 0.050979 | 0.050979 | 0.050979 | 0.054075 | 0.057173 | 0.053364 | 0.054980 | 0.046641 | 0.051166 | 0.055527 | 0.053588 | 0.050560 | 0.051217 | 0.049398 | 0.055720 | 0.048278 | 0.056787 | 0.051113 | 0.054817 | 0.054697 | 0.054897 | 0.054775 | 0.054834 | 0.052504 | 0.053736 | 0.054540 | 0.055074 | 0.054284 | 0.054675 | 0.051039 | 0.053639 |
| 0.170869 | 0.059347 | 0.054970 | 0.057422 | 0.058772 | 0.056805 | 0.056805 | 0.054941 | 0.054941 | 0.059800 | 0.059800 | 0.056588 | 0.056588 | 0.055874 | 0.055874 | 0.055730 | 0.055730 | 0.055170 | 0.055170 | 0.058627 | 0.058627 | 0.055897 | 0.055897 | 0.055897 | 0.055897 | 0.055897 | 0.055897 | 0.055897 | 0.055897 | 0.055897 | 0.055897 | 0.055897 | 0.055897 | 0.056484 | 0.056640 | 0.055446 | 0.057259 | 0.055842 | 0.056226 | 0.057248 | 0.057152 | 0.056277 | 0.058708 | 0.055519 | 0.058718 | 0.055750 | 0.057091 | 0.057756 | 0.054932 | 0.058282 | 0.056311 | 0.057961 | 0.055926 | 0.057870 | 0.056214 | 0.056601 | 0.054139 | 0.057362 | 0.054507 | 0.060511 | 0.058037 |
| 0.170918 | 0.053102 | 0.053775 | 0.058403 | 0.056526 | 0.059818 | 0.059818 | 0.060947 | 0.060947 | 0.056291 | 0.056291 | 0.055568 | 0.055568 | 0.054373 | 0.054373 | 0.058421 | 0.058421 | 0.059162 | 0.059162 | 0.061502 | 0.061502 | 0.058788 | 0.058788 | 0.058788 | 0.058788 | 0.058788 | 0.058788 | 0.058788 | 0.058788 | 0.058788 | 0.058788 | 0.058788 | 0.058788 | 0.057824 | 0.059111 | 0.058573 | 0.060107 | 0.058159 | 0.062065 | 0.056279 | 0.058316 | 0.059277 | 0.061893 | 0.058259 | 0.058449 | 0.056533 | 0.057230 | 0.059386 | 0.057375 | 0.059583 | 0.058741 | 0.056404 | 0.058260 | 0.059616 | 0.061501 | 0.054148 | 0.055527 | 0.061070 | 0.053818 | 0.062202 | 0.057911 |
| 0.170967 | 0.046858 | 0.021193 | 0.055842 | 0.056904 | 0.063139 | 0.063139 | 0.067312 | 0.067312 | 0.062183 | 0.062183 | 0.055571 | 0.055571 | 0.061826 | 0.061826 | 0.068649 | 0.068649 | 0.055308 | 0.055308 | 0.054601 | 0.054601 | 0.060016 | 0.060016 | 0.060016 | 0.060016 | 0.060016 | 0.060016 | 0.060016 | 0.060016 | 0.060016 | 0.060016 | 0.060016 | 0.060016 | 0.056488 | 0.058504 | 0.057214 | 0.061752 | 0.058237 | 0.056109 | 0.062658 | 0.058701 | 0.060140 | 0.057422 | 0.055669 | 0.053160 | 0.055503 | 0.060451 | 0.064311 | 0.074977 | 0.031940 | 0.071265 | 0.058214 | 0.046433 | 0.060277 | 0.061039 | 0.056505 | 0.061392 | 0.055329 | 0.051545 | 0.051010 | 0.047190 |
| 0.168545 | 0.043071 | 0.051377 | 0.053689 | 0.052344 | 0.018619 | 0.018619 | 0.067125 | 0.067125 | 0.069428 | 0.069428 | 0.054317 | 0.054317 | 0.058800 | 0.058800 | 0.074029 | 0.074029 | 0.066489 | 0.066489 | 0.052849 | 0.052849 | 0.106891 | 0.106891 | 0.106891 | 0.106891 | 0.106891 | 0.106891 | 0.106891 | 0.106891 | 0.106891 | 0.106891 | 0.106891 | 0.106891 | 0.056868 | 0.058791 | 0.064275 | 0.055399 | 0.058880 | 0.057167 | 0.059844 | 0.052366 | 0.059294 | 0.061366 | 0.046763 | 0.051982 | 0.049806 | 0.061574 | 0.056304 | 0.052690 | 0.022023 | 0.027162 | 0.054215 | 0.017013 | 0.037919 | 0.060167 | 0.053712 | 0.076387 | 0.049199 | 0.088896 | 0.020593 | 0.004200 |
| 0.1623 | 0.043086 | 0.041512 | 0.047819 | 0.068094 | 0.065417 | 0.065417 | 0.068329 | 0.068329 | 0.049100 | 0.049100 | 0.052179 | 0.052179 | 0.057021 | 0.057021 | 0.060863 | 0.060863 | 0.050868 | 0.050868 | 0.051081 | 0.051081 | 0.058054 | 0.058054 | 0.058054 | 0.058054 | 0.058054 | 0.058054 | 0.058054 | 0.058054 | 0.058054 | 0.058054 | 0.058054 | 0.058054 | 0.067098 | 0.058343 | 0.063330 | 0.050319 | 0.061019 | 0.060497 | 0.061759 | 0.059188 | 0.057048 | 0.060049 | 0.059309 | 0.059228 | 0.062344 | 0.055484 | 0.060745 | 0.059726 | 0.078681 | 0.054051 | 0.058332 | 0.092624 | 0.044328 | 0.053664 | 0.062002 | 0.057576 | 0.050517 | 0.061776 | 0.055039 | 0.057587 |
| 0.156056 | 0.043101 | 0.034979 | 0.085896 | 0.053127 | 0.067049 | 0.067049 | 0.059765 | 0.059765 | -0.001734 | -0.001734 | 0.059555 | 0.059555 | 0.055397 | 0.055397 | 0.061686 | 0.061686 | 0.079943 | 0.079943 | 0.108304 | 0.108304 | 0.064898 | 0.064898 | 0.064898 | 0.064898 | 0.064898 | 0.064898 | 0.064898 | 0.064898 | 0.064898 | 0.064898 | 0.064898 | 0.064898 | 0.059425 | 0.054375 | 0.050775 | 0.056718 | 0.070309 | 0.077532 | 0.058413 | 0.058043 | 0.046749 | 0.054551 | 0.051431 | 0.099937 | 0.055581 | 0.063132 | 0.055083 | 0.058140 | 0.061447 | 0.050357 | 0.052652 | 0.065498 | 0.052553 | 0.052563 | 0.059211 | 0.056929 | 0.055704 | 0.094387 | 0.082085 | 0.062093 |
| 0.149811 | 0.043116 | 0.059710 | 0.054416 | 0.054878 | 0.054663 | 0.054663 | 0.052351 | 0.052351 | 0.054248 | 0.054248 | 0.045371 | 0.045371 | 0.051028 | 0.051028 | 0.060420 | 0.060420 | 0.062379 | 0.062379 | 0.061983 | 0.061983 | 0.063621 | 0.063621 | 0.063621 | 0.063621 | 0.063621 | 0.063621 | 0.063621 | 0.063621 | 0.063621 | 0.063621 | 0.063621 | 0.063621 | 0.056056 | 0.059258 | 0.063221 | 0.063777 | 0.066762 | 0.061112 | 0.059841 | 0.053599 | 0.058455 | 0.043396 | 0.063936 | 0.052899 | 0.060520 | 0.062638 | 0.067856 | 0.066710 | 0.057387 | 0.035360 | 0.010049 | 0.069939 | 0.067697 | 0.019762 | 0.033273 | 0.017691 | 0.066871 | 0.033645 | 0.064281 | 0.036890 |
| 0.143566 | 0.043131 | 0.022975 | 0.059235 | 0.022753 | 0.058335 | 0.058335 | 0.055214 | 0.055214 | 0.055122 | 0.055122 | 0.042963 | 0.042963 | 0.056818 | 0.056818 | 0.058609 | 0.058609 | 0.055343 | 0.055343 | 0.058342 | 0.058342 | 0.054497 | 0.054497 | 0.054497 | 0.054497 | 0.054497 | 0.054497 | 0.054497 | 0.054497 | 0.054497 | 0.054497 | 0.054497 | 0.054497 | 0.046063 | 0.054566 | 0.043749 | 0.064303 | 0.063562 | 0.062351 | 0.059354 | 0.048871 | 0.056053 | 0.059349 | 0.064460 | 0.055252 | 0.055139 | 0.058072 | 0.050842 | 0.047894 | 0.049623 | 0.038586 | 0.037365 | 0.043218 | 0.046173 | 0.039940 | 0.036926 | 0.034182 | 0.038131 | 0.038863 | 0.037898 | 0.031494 |
| 0.137321 | 0.043146 | 0.046166 | 0.062248 | 0.051320 | 0.057084 | 0.057084 | 0.052627 | 0.052627 | 0.055315 | 0.055315 | 0.032816 | 0.032816 | 0.049612 | 0.049612 | 0.054343 | 0.054343 | 0.051079 | 0.051079 | 0.041760 | 0.041760 | -0.012454 | -0.012454 | -0.012454 | -0.012454 | -0.012454 | -0.012454 | -0.012454 | -0.012454 | -0.012454 | -0.012454 | -0.012454 | -0.012454 | 0.034627 | 0.037961 | 0.037520 | 0.044884 | 0.004451 | 0.033262 | 0.040877 | 0.035944 | 0.034101 | 0.029151 | 0.062575 | 0.020775 | 0.022216 | 0.013495 | -0.000899 | -0.037603 | 0.021415 | -0.012149 | 0.005790 | 0.009532 | 0.008686 | 0.005076 | 0.004433 | 0.008041 | 0.003095 | 0.003352 | 0.002700 | 0.004255 |
| 0.131077 | 0.04316 | 0.036236 | 0.040418 | 0.076613 | 0.055819 | 0.055819 | 0.050568 | 0.050568 | 0.054740 | 0.054740 | 0.011155 | 0.011155 | 0.022678 | 0.022678 | 0.039097 | 0.039097 | -0.018355 | -0.018355 | 0.097953 | 0.097953 | 0.058991 | 0.058991 | 0.058991 | 0.058991 | 0.058991 | 0.058991 | 0.058991 | 0.058991 | 0.058991 | 0.058991 | 0.058991 | 0.058991 | 0.015501 | 0.062612 | 0.028903 | 0.027791 | 0.023981 | 0.005004 | -0.000892 | -0.037231 | 0.042958 | 0.011417 | -0.003227 | 0.014338 | 0.007737 | 0.007710 | -0.033011 | -0.001129 | 0.053055 | 0.002057 | 0.005870 | 0.005770 | 0.008616 | -0.028550 | -0.019431 | 0.005865 | 0.002197 | 0.003283 | 0.020610 | 0.024152 |
| 0.124832 | 0.043175 | 0.027772 | 0.048794 | 0.030478 | 0.013726 | 0.013726 | 0.080714 | 0.080714 | 0.022340 | 0.022340 | 0.038663 | 0.038663 | 0.030182 | 0.030182 | 0.031008 | 0.031008 | 0.011177 | 0.011177 | 0.019761 | 0.019761 | -0.010840 | -0.010840 | -0.010840 | -0.010840 | -0.010840 | -0.010840 | -0.010840 | -0.010840 | -0.010840 | -0.010840 | -0.010840 | -0.010840 | 0.038072 | 0.005699 | -0.031058 | 0.041379 | 0.006061 | -0.000798 | 0.000621 | 0.018864 | 0.015765 | 0.051271 | 0.019107 | 0.014361 | 0.003595 | 0.072320 | 0.051885 | 0.014452 | 0.009473 | -0.031813 | 0.025628 | -0.006817 | -0.031526 | 0.076539 | -0.059686 | -0.016781 | 0.011577 | -0.010534 | 0.068897 | 0.019725 |
| 0.118587 | 0.04319 | 0.038247 | 0.003657 | 0.024925 | 0.033347 | 0.033347 | 0.018911 | 0.018911 | 0.023729 | 0.023729 | 0.021610 | 0.021610 | 0.027332 | 0.027332 | 0.011621 | 0.011621 | 0.043606 | 0.043606 | 0.025051 | 0.025051 | 0.038048 | 0.038048 | 0.038048 | 0.038048 | 0.038048 | 0.038048 | 0.038048 | 0.038048 | 0.038048 | 0.038048 | 0.038048 | 0.038048 | 0.017037 | 0.035893 | 0.019608 | 0.006467 | 0.014687 | 0.007356 | -0.040292 | 0.000684 | -0.031329 | 0.050313 | 0.069841 | 0.019156 | 0.081984 | -0.024528 | 0.058046 | 0.023961 | 0.031674 | -0.010038 | 0.057491 | 0.040388 | 0.003064 | 0.067864 | -0.010088 | 0.019998 | 0.039698 | 0.020313 | -0.031066 | 0.057911 |
| 0.112343 | 0.043205 | 0.036889 | 0.031287 | 0.059912 | 0.018832 | 0.018832 | 0.003292 | 0.003292 | 0.041114 | 0.041114 | 0.020868 | 0.020868 | 0.036298 | 0.036298 | 0.021350 | 0.021350 | -0.007764 | -0.007764 | 0.009109 | 0.009109 | 0.048130 | 0.048130 | 0.048130 | 0.048130 | 0.048130 | 0.048130 | 0.048130 | 0.048130 | 0.048130 | 0.048130 | 0.048130 | 0.048130 | 0.045403 | 0.039308 | 0.058922 | 0.038866 | 0.030033 | 0.031231 | -0.017410 | 0.010886 | 0.074535 | 0.030189 | 0.019466 | 0.070002 | 0.005875 | 0.022172 | 0.024248 | -0.007585 | 0.011704 | 0.035553 | 0.017585 | 0.023741 | 0.022642 | 0.026596 | 0.038805 | -0.001174 | 0.011450 | 0.019578 | 0.043764 | 0.013083 |
| 0.106098 | 0.04322 | 0.050255 | 0.040165 | 0.041630 | 0.053452 | 0.053452 | 0.030740 | 0.030740 | 0.044662 | 0.044662 | 0.043993 | 0.043993 | 0.042585 | 0.042585 | 0.039013 | 0.039013 | 0.056356 | 0.056356 | 0.052595 | 0.052595 | 0.053484 | 0.053484 | 0.053484 | 0.053484 | 0.053484 | 0.053484 | 0.053484 | 0.053484 | 0.053484 | 0.053484 | 0.053484 | 0.053484 | 0.018528 | 0.055903 | 0.121516 | 0.043554 | 0.048354 | 0.047445 | 0.041794 | 0.053717 | 0.040409 | 0.030287 | 0.045098 | 0.058571 | 0.042805 | 0.041244 | 0.039374 | 0.104347 | 0.057896 | -0.001182 | 0.062124 | 0.034417 | 0.025022 | 0.025331 | 0.003609 | 0.036930 | 0.039721 | 0.024869 | 0.020792 | 0.033111 |
| 0.099853 | 0.043235 | 0.030543 | -0.020249 | 0.082463 | 0.054175 | 0.054175 | 0.044926 | 0.044926 | 0.046872 | 0.046872 | 0.067348 | 0.067348 | 0.062638 | 0.062638 | 0.055352 | 0.055352 | 0.055508 | 0.055508 | 0.056881 | 0.056881 | 0.054275 | 0.054275 | 0.054275 | 0.054275 | 0.054275 | 0.054275 | 0.054275 | 0.054275 | 0.054275 | 0.054275 | 0.054275 | 0.054275 | 0.056467 | 0.058322 | 0.060661 | 0.062582 | 0.059035 | 0.061383 | 0.060410 | 0.058160 | 0.059586 | 0.061652 | 0.059862 | 0.058496 | 0.054504 | 0.059812 | 0.047012 | 0.060908 | 0.050330 | 0.064519 | 0.053094 | 0.045210 | 0.053101 | 0.050507 | 0.052499 | 0.051791 | 0.050994 | 0.058152 | 0.050879 | 0.042106 |
| 0.093608 | 0.04325 | 0.055712 | 0.061581 | 0.048857 | 0.059937 | 0.059937 | 0.056748 | 0.056748 | 0.061499 | 0.061499 | 0.060948 | 0.060948 | 0.053558 | 0.053558 | 0.062506 | 0.062506 | 0.061628 | 0.061628 | 0.061019 | 0.061019 | 0.059607 | 0.059607 | 0.059607 | 0.059607 | 0.059607 | 0.059607 | 0.059607 | 0.059607 | 0.059607 | 0.059607 | 0.059607 | 0.059607 | 0.057262 | 0.051159 | 0.058628 | 0.064877 | 0.061913 | 0.057505 | 0.055905 | 0.056617 | 0.055396 | 0.056370 | 0.063272 | 0.053383 | 0.072723 | 0.046873 | 0.064707 | 0.060737 | 0.062619 | 0.055544 | 0.068600 | 0.043601 | 0.090044 | 0.062467 | 0.060179 | 0.054993 | 0.070813 | 0.022289 | 0.060419 | 0.063590 |
| 0.087364 | 0.043265 | 0.082287 | 0.059309 | 0.060282 | 0.058077 | 0.058077 | 0.052518 | 0.052518 | 0.066293 | 0.066293 | 0.054241 | 0.054241 | 0.054222 | 0.054222 | 0.052712 | 0.052712 | 0.064553 | 0.064553 | 0.057562 | 0.057562 | 0.055074 | 0.055074 | 0.055074 | 0.055074 | 0.055074 | 0.055074 | 0.055074 | 0.055074 | 0.055074 | 0.055074 | 0.055074 | 0.055074 | 0.055346 | 0.053146 | 0.058738 | 0.054766 | 0.067255 | 0.067616 | 0.056350 | 0.062902 | 0.058022 | 0.059194 | 0.063629 | 0.049609 | 0.057898 | 0.047067 | 0.069776 | 0.074922 | 0.053327 | 0.099492 | 0.055424 | 0.055455 | 0.066931 | 0.061173 | 0.064071 | 0.061454 | 0.057017 | 0.060426 | 0.063394 | 0.068281 |
| 0.081119 | 0.04328 | 0.020423 | 0.056454 | 0.063827 | 0.057750 | 0.057750 | 0.053328 | 0.053328 | 0.046101 | 0.046101 | 0.065164 | 0.065164 | 0.058842 | 0.058842 | 0.056001 | 0.056001 | 0.062483 | 0.062483 | 0.064763 | 0.064763 | 0.062617 | 0.062617 | 0.062617 | 0.062617 | 0.062617 | 0.062617 | 0.062617 | 0.062617 | 0.062617 | 0.062617 | 0.062617 | 0.062617 | 0.029008 | 0.046187 | 0.069249 | 0.046063 | 0.078074 | 0.052826 | 0.056267 | 0.064780 | 0.061990 | 0.058783 | 0.064325 | 0.056055 | 0.058273 | 0.059117 | 0.057480 | 0.066337 | 0.055620 | 0.057273 | 0.065864 | 0.064883 | 0.062162 | 0.056554 | 0.063955 | 0.064401 | 0.058706 | 0.065085 | 0.061725 | 0.058938 |
| 0.075061 | 0.043482 | 0.065368 | 0.061594 | 0.056751 | 0.059068 | 0.059068 | 0.052830 | 0.052830 | 0.057719 | 0.057719 | 0.060898 | 0.060898 | 0.060121 | 0.060121 | 0.061693 | 0.061693 | 0.060130 | 0.060130 | 0.065870 | 0.065870 | 0.065555 | 0.065555 | 0.065555 | 0.065555 | 0.065555 | 0.065555 | 0.065555 | 0.065555 | 0.065555 | 0.065555 | 0.065555 | 0.065555 | 0.057429 | 0.052156 | 0.058781 | 0.059815 | 0.062392 | 0.057900 | 0.057206 | 0.068292 | 0.059819 | 0.066046 | 0.013417 | 0.058850 | 0.058581 | 0.063504 | 0.059053 | 0.060549 | 0.059346 | 0.061963 | 0.056401 | 0.056772 | 0.060397 | 0.059461 | 0.062976 | 0.054030 | 0.059246 | 0.066549 | 0.063774 | 0.062549 |
| 0.075026 | 0.049727 | 0.056866 | 0.058651 | 0.052616 | 0.058528 | 0.058528 | 0.060702 | 0.060702 | 0.054479 | 0.054479 | 0.055439 | 0.055439 | 0.059935 | 0.059935 | 0.056818 | 0.056818 | 0.060418 | 0.060418 | 0.069293 | 0.069293 | 0.061524 | 0.061524 | 0.061524 | 0.061524 | 0.061524 | 0.061524 | 0.061524 | 0.061524 | 0.061524 | 0.061524 | 0.061524 | 0.061524 | 0.060668 | 0.058262 | 0.060032 | 0.058142 | 0.063914 | 0.059138 | 0.066241 | 0.049215 | 0.058501 | 0.056897 | 0.056621 | 0.056678 | 0.057541 | 0.060816 | 0.053375 | 0.061526 | 0.059885 | 0.059479 | 0.060003 | 0.062708 | 0.056886 | 0.056436 | 0.057449 | 0.055969 | 0.063097 | 0.057868 | 0.056778 | 0.053836 |
| 0.074991 | 0.055972 | 0.055532 | 0.058639 | 0.050273 | 0.054557 | 0.054557 | 0.057364 | 0.057364 | 0.058713 | 0.058713 | 0.057979 | 0.057979 | 0.058592 | 0.058592 | 0.060063 | 0.060063 | 0.053406 | 0.053406 | 0.060964 | 0.060964 | 0.062116 | 0.062116 | 0.062116 | 0.062116 | 0.062116 | 0.062116 | 0.062116 | 0.062116 | 0.062116 | 0.062116 | 0.062116 | 0.062116 | 0.060145 | 0.058077 | 0.052639 | 0.058149 | 0.055846 | 0.054470 | 0.057550 | 0.057891 | 0.063149 | 0.059078 | 0.061905 | 0.056483 | 0.055578 | 0.058252 | 0.055509 | 0.055988 | 0.057673 | 0.056720 | 0.057616 | 0.055533 | 0.061729 | 0.058480 | 0.057736 | 0.060149 | 0.057709 | 0.059596 | 0.056176 | 0.060239 |
| 0.074956 | 0.062216 | 0.057125 | 0.059632 | 0.056858 | 0.059438 | 0.059438 | 0.059816 | 0.059816 | 0.055130 | 0.055130 | 0.058378 | 0.058378 | 0.057831 | 0.057831 | 0.058981 | 0.058981 | 0.059971 | 0.059971 | 0.059828 | 0.059828 | 0.053284 | 0.053284 | 0.053284 | 0.053284 | 0.053284 | 0.053284 | 0.053284 | 0.053284 | 0.053284 | 0.053284 | 0.053284 | 0.053284 | 0.060920 | 0.061365 | 0.057023 | 0.059507 | 0.060483 | 0.058281 | 0.058345 | 0.058464 | 0.058090 | 0.057037 | 0.057145 | 0.051611 | 0.056925 | 0.056862 | 0.056876 | 0.054921 | 0.060378 | 0.057665 | 0.059140 | 0.057799 | 0.057592 | 0.057200 | 0.052505 | 0.053894 | 0.053546 | 0.059158 | 0.058714 | 0.060373 |
| 0.07492 | 0.068461 | 0.055670 | 0.053617 | 0.057485 | 0.056597 | 0.056597 | 0.054726 | 0.054726 | 0.056352 | 0.056352 | 0.058136 | 0.058136 | 0.058660 | 0.058660 | 0.055765 | 0.055765 | 0.058621 | 0.058621 | 0.057556 | 0.057556 | 0.052882 | 0.052882 | 0.052882 | 0.052882 | 0.052882 | 0.052882 | 0.052882 | 0.052882 | 0.052882 | 0.052882 | 0.052882 | 0.052882 | 0.057532 | 0.057070 | 0.057782 | 0.052547 | 0.055454 | 0.059864 | 0.055064 | 0.057924 | 0.058206 | 0.059436 | 0.056811 | 0.056296 | 0.057448 | 0.058082 | 0.055386 | 0.054770 | 0.057014 | 0.055009 | 0.056707 | 0.059310 | 0.058009 | 0.057135 | 0.051853 | 0.054495 | 0.059578 | 0.058601 | 0.056556 | 0.055794 |
| 0.074885 | 0.074705 | 0.057997 | 0.066693 | 0.055657 | 0.053883 | 0.053883 | 0.051939 | 0.051939 | 0.051940 | 0.051940 | 0.058632 | 0.058632 | 0.056309 | 0.056309 | 0.056307 | 0.056307 | 0.058414 | 0.058414 | 0.061030 | 0.061030 | 0.054244 | 0.054244 | 0.054244 | 0.054244 | 0.054244 | 0.054244 | 0.054244 | 0.054244 | 0.054244 | 0.054244 | 0.054244 | 0.054244 | 0.060357 | 0.057370 | 0.059942 | 0.056982 | 0.053814 | 0.057088 | 0.054273 | 0.054956 | 0.055959 | 0.034015 | 0.051305 | 0.057622 | 0.052839 | 0.062317 | 0.058456 | 0.058478 | 0.058238 | 0.057952 | 0.060155 | 0.057405 | 0.056646 | 0.053450 | 0.061958 | 0.056638 | 0.058062 | 0.057725 | 0.058618 | 0.054768 |
| 0.07485 | 0.08095 | 0.057786 | 0.053034 | 0.054569 | 0.053712 | 0.053712 | 0.051424 | 0.051424 | 0.053371 | 0.053371 | 0.055902 | 0.055902 | 0.052873 | 0.052873 | 0.053868 | 0.053868 | 0.051358 | 0.051358 | 0.053636 | 0.053636 | 0.052365 | 0.052365 | 0.052365 | 0.052365 | 0.052365 | 0.052365 | 0.052365 | 0.052365 | 0.052365 | 0.052365 | 0.052365 | 0.052365 | 0.055800 | 0.054156 | 0.056779 | 0.053805 | 0.054076 | 0.050487 | 0.053732 | 0.049759 | 0.055064 | 0.050362 | 0.052328 | 0.046860 | 0.042885 | 0.060674 | 0.044550 | 0.049480 | 0.052627 | 0.053980 | 0.055345 | 0.051058 | 0.051241 | 0.056101 | 0.055052 | 0.058387 | 0.055209 | 0.051863 | 0.052281 | 0.054482 |
| 0.074814 | 0.087195 | 0.060948 | 0.056702 | 0.056684 | 0.055730 | 0.055730 | 0.052593 | 0.052593 | 0.058682 | 0.058682 | 0.057174 | 0.057174 | 0.057400 | 0.057400 | 0.053587 | 0.053587 | 0.054320 | 0.054320 | 0.056047 | 0.056047 | 0.051482 | 0.051482 | 0.051482 | 0.051482 | 0.051482 | 0.051482 | 0.051482 | 0.051482 | 0.051482 | 0.051482 | 0.051482 | 0.051482 | 0.053068 | 0.060914 | 0.054757 | 0.052204 | 0.054083 | 0.048983 | 0.051824 | 0.050226 | 0.056094 | 0.050267 | 0.058854 | 0.054170 | 0.052303 | 0.056426 | 0.051739 | 0.054011 | 0.053398 | 0.056031 | 0.048568 | 0.039069 | 0.046742 | 0.050168 | 0.047454 | 0.050323 | 0.048506 | 0.055684 | 0.050690 | 0.053634 |
| 0.074779 | 0.093439 | 0.059648 | 0.056266 | 0.057411 | 0.057018 | 0.057018 | 0.057845 | 0.057845 | 0.058693 | 0.058693 | 0.053456 | 0.053456 | 0.056291 | 0.056291 | 0.062877 | 0.062877 | 0.050724 | 0.050724 | 0.056578 | 0.056578 | 0.053892 | 0.053892 | 0.053892 | 0.053892 | 0.053892 | 0.053892 | 0.053892 | 0.053892 | 0.053892 | 0.053892 | 0.053892 | 0.053892 | 0.051085 | 0.054226 | 0.049960 | 0.053516 | 0.056757 | 0.050471 | 0.054750 | 0.057182 | 0.054199 | 0.056047 | 0.055659 | 0.054034 | 0.052644 | 0.060026 | 0.057214 | 0.054263 | 0.057372 | 0.053200 | 0.056676 | 0.055446 | 0.052823 | 0.053860 | 0.051597 | 0.057021 | 0.056284 | 0.055763 | 0.054648 | 0.050040 |
| 0.074744 | 0.099684 | 0.063061 | 0.060077 | 0.061596 | 0.057429 | 0.057429 | 0.056278 | 0.056278 | 0.059726 | 0.059726 | 0.055929 | 0.055929 | 0.055094 | 0.055094 | 0.059745 | 0.059745 | 0.057564 | 0.057564 | 0.060640 | 0.060640 | 0.054548 | 0.054548 | 0.054548 | 0.054548 | 0.054548 | 0.054548 | 0.054548 | 0.054548 | 0.054548 | 0.054548 | 0.054548 | 0.054548 | 0.055435 | 0.055558 | 0.052979 | 0.056684 | 0.059400 | 0.054410 | 0.058258 | 0.052716 | 0.054593 | 0.057293 | 0.054566 | 0.055134 | 0.057663 | 0.060326 | 0.055531 | 0.055740 | 0.055624 | 0.058682 | 0.056608 | 0.055941 | 0.055605 | 0.057314 | 0.052027 | 0.059035 | 0.058549 | 0.058382 | 0.056793 | 0.056216 |
| 0.074709 | 0.105929 | 0.061586 | 0.058604 | 0.058839 | 0.063330 | 0.063330 | 0.058406 | 0.058406 | 0.058129 | 0.058129 | 0.055706 | 0.055706 | 0.053727 | 0.053727 | 0.060689 | 0.060689 | 0.059193 | 0.059193 | 0.057611 | 0.057611 | 0.055511 | 0.055511 | 0.055511 | 0.055511 | 0.055511 | 0.055511 | 0.055511 | 0.055511 | 0.055511 | 0.055511 | 0.055511 | 0.055511 | 0.061352 | 0.056665 | 0.058825 | 0.054991 | 0.057328 | 0.056177 | 0.057964 | 0.056021 | 0.059381 | 0.054880 | 0.057002 | 0.054432 | 0.056400 | 0.058153 | 0.055833 | 0.054324 | 0.058209 | 0.060478 | 0.056050 | 0.057819 | 0.055431 | 0.057358 | 0.056562 | 0.056971 | 0.057121 | 0.057535 | 0.053436 | 0.056834 |
| 0.074673 | 0.112173 | 0.062398 | 0.059693 | 0.065000 | 0.061894 | 0.061894 | 0.077135 | 0.077135 | 0.061070 | 0.061070 | 0.058149 | 0.058149 | 0.057905 | 0.057905 | 0.061156 | 0.061156 | 0.053070 | 0.053070 | 0.055171 | 0.055171 | 0.055882 | 0.055882 | 0.055882 | 0.055882 | 0.055882 | 0.055882 | 0.055882 | 0.055882 | 0.055882 | 0.055882 | 0.055882 | 0.055882 | 0.066838 | 0.059124 | 0.057943 | 0.061473 | 0.055349 | 0.055965 | 0.060412 | 0.058432 | 0.058435 | 0.056684 | 0.060593 | 0.058073 | 0.060492 | 0.056395 | 0.058819 | 0.057770 | 0.057369 | 0.060663 | 0.058558 | 0.060566 | 0.056190 | 0.056921 | 0.058947 | 0.058765 | 0.055967 | 0.054722 | 0.061478 | 0.057327 |
| 0.074638 | 0.118418 | 0.064782 | 0.049283 | 0.063017 | 0.062114 | 0.062114 | 0.061909 | 0.061909 | 0.064063 | 0.064063 | 0.063250 | 0.063250 | 0.063543 | 0.063543 | 0.060535 | 0.060535 | 0.051321 | 0.051321 | 0.048424 | 0.048424 | 0.058280 | 0.058280 | 0.058280 | 0.058280 | 0.058280 | 0.058280 | 0.058280 | 0.058280 | 0.058280 | 0.058280 | 0.058280 | 0.058280 | 0.055651 | 0.063340 | 0.062787 | 0.054644 | 0.060933 | 0.056221 | 0.057278 | 0.060952 | 0.061860 | 0.055328 | 0.058920 | 0.062384 | 0.057683 | 0.057478 | 0.058964 | 0.062516 | 0.059756 | 0.059794 | 0.060484 | 0.055162 | 0.060256 | 0.055005 | 0.061678 | 0.058720 | 0.058790 | 0.055205 | 0.061322 | 0.055760 |
| 0.074921 | 0.124346 | 0.056528 | 0.065445 | 0.057738 | 0.059617 | 0.059617 | 0.058309 | 0.058309 | 0.060412 | 0.060412 | 0.058487 | 0.058487 | 0.064956 | 0.064956 | 0.067357 | 0.067357 | 0.067604 | 0.067604 | 0.063289 | 0.063289 | 0.058966 | 0.058966 | 0.058966 | 0.058966 | 0.058966 | 0.058966 | 0.058966 | 0.058966 | 0.058966 | 0.058966 | 0.058966 | 0.058966 | 0.057602 | 0.066100 | 0.054559 | 0.068252 | 0.061193 | 0.046773 | 0.069887 | 0.051035 | 0.053765 | 0.055290 | 0.058111 | 0.051357 | 0.055963 | 0.050546 | 0.059798 | 0.053122 | 0.062249 | 0.055612 | 0.055497 | 0.053885 | 0.057552 | 0.056538 | 0.058616 | 0.058110 | 0.057398 | 0.057678 | 0.057748 | 0.060236 |
| 0.081166 | 0.124346 | 0.075381 | 0.062434 | 0.065082 | 0.064879 | 0.064879 | 0.061841 | 0.061841 | 0.057023 | 0.057023 | 0.060474 | 0.060474 | 0.059448 | 0.059448 | 0.062970 | 0.062970 | 0.065896 | 0.065896 | 0.062248 | 0.062248 | 0.054208 | 0.054208 | 0.054208 | 0.054208 | 0.054208 | 0.054208 | 0.054208 | 0.054208 | 0.054208 | 0.054208 | 0.054208 | 0.054208 | 0.060127 | 0.070637 | 0.089331 | 0.011129 | 0.023720 | 0.064947 | 0.053978 | 0.046289 | 0.065991 | 0.064886 | 0.026363 | 0.064765 | 0.058348 | 0.051784 | 0.050670 | 0.062648 | 0.060577 | 0.083799 | 0.058977 | 0.058721 | 0.058837 | 0.064307 | 0.060648 | 0.056341 | 0.047520 | 0.065307 | 0.092877 | 0.060399 |
| 0.08741 | 0.124346 | 0.060031 | 0.094219 | 0.068497 | 0.044619 | 0.044619 | 0.064999 | 0.064999 | 0.064333 | 0.064333 | 0.065817 | 0.065817 | 0.068751 | 0.068751 | 0.051554 | 0.051554 | 0.087142 | 0.087142 | 0.042736 | 0.042736 | 0.047275 | 0.047275 | 0.047275 | 0.047275 | 0.047275 | 0.047275 | 0.047275 | 0.047275 | 0.047275 | 0.047275 | 0.047275 | 0.047275 | 0.052809 | 0.039905 | 0.064285 | 0.061828 | 0.058600 | 0.069878 | 0.049896 | 0.023634 | 0.076052 | 0.056557 | 0.055601 | 0.050667 | 0.055354 | 0.065192 | 0.044414 | 0.059898 | 0.061932 | 0.055628 | 0.050737 | 0.066656 | 0.091593 | 0.046991 | 0.057987 | 0.061359 | 0.077785 | 0.062425 | 0.030004 | 0.067970 |
| 0.093655 | 0.124346 | 0.059387 | 0.072944 | 0.060351 | 0.052874 | 0.052874 | 0.050869 | 0.050869 | 0.053050 | 0.053050 | 0.063100 | 0.063100 | 0.065319 | 0.065319 | 0.064663 | 0.064663 | 0.078161 | 0.078161 | 0.048460 | 0.048460 | 0.044288 | 0.044288 | 0.044288 | 0.044288 | 0.044288 | 0.044288 | 0.044288 | 0.044288 | 0.044288 | 0.044288 | 0.044288 | 0.044288 | 0.006249 | 0.061822 | 0.069391 | 0.043970 | 0.013055 | 0.068187 | 0.054054 | 0.082523 | 0.056442 | 0.050100 | 0.055665 | 0.054457 | 0.062915 | 0.059576 | 0.050418 | 0.057825 | 0.068631 | 0.010810 | 0.105760 | 0.056808 | 0.051235 | 0.048571 | 0.057487 | 0.061298 | 0.054588 | 0.043098 | 0.021489 | 0.045959 |
| 0.0999 | 0.124346 | 0.062520 | 0.055117 | 0.054798 | 0.051077 | 0.051077 | 0.050347 | 0.050347 | 0.050956 | 0.050956 | 0.061719 | 0.061719 | 0.031346 | 0.031346 | 0.045793 | 0.045793 | 0.046022 | 0.046022 | 0.072257 | 0.072257 | 0.065551 | 0.065551 | 0.065551 | 0.065551 | 0.065551 | 0.065551 | 0.065551 | 0.065551 | 0.065551 | 0.065551 | 0.065551 | 0.065551 | 0.051213 | 0.032299 | 0.061337 | 0.041564 | 0.045117 | 0.041086 | 0.038604 | 0.042263 | 0.027135 | 0.019568 | 0.085112 | 0.051312 | 0.043586 | 0.043118 | 0.030939 | 0.009795 | 0.003360 | 0.012951 | 0.044217 | 0.049959 | 0.054028 | 0.044468 | 0.045471 | 0.056820 | 0.063729 | 0.042916 | 0.039787 | 0.046319 |
| 0.106144 | 0.124346 | 0.057659 | 0.043752 | 0.087033 | 0.052156 | 0.052156 | 0.041403 | 0.041403 | 0.037478 | 0.037478 | 0.034033 | 0.034033 | 0.023310 | 0.023310 | 0.037349 | 0.037349 | 0.051864 | 0.051864 | 0.025593 | 0.025593 | 0.046821 | 0.046821 | 0.046821 | 0.046821 | 0.046821 | 0.046821 | 0.046821 | 0.046821 | 0.046821 | 0.046821 | 0.046821 | 0.046821 | 0.042197 | 0.022992 | 0.033581 | 0.024931 | 0.022033 | 0.022062 | 0.015712 | 0.020111 | 0.100239 | 0.034133 | 0.003189 | 0.042842 | 0.045528 | 0.040055 | 0.033730 | 0.036586 | 0.033321 | 0.057772 | 0.038962 | 0.012525 | 0.034598 | 0.043455 | 0.029944 | 0.038750 | 0.038276 | 0.035271 | 0.035620 | 0.040201 |
| 0.112389 | 0.124346 | 0.043893 | 0.056460 | 0.002424 | -0.017811 | -0.017811 | 0.041337 | 0.041337 | 0.013501 | 0.013501 | 0.099500 | 0.099500 | 0.074839 | 0.074839 | 0.034394 | 0.034394 | 0.043798 | 0.043798 | 0.010176 | 0.010176 | -0.004032 | -0.004032 | -0.004032 | -0.004032 | -0.004032 | -0.004032 | -0.004032 | -0.004032 | -0.004032 | -0.004032 | -0.004032 | -0.004032 | 0.004156 | 0.042466 | 0.030022 | 0.070457 | 0.031892 | 0.047127 | 0.022501 | 0.033395 | 0.059897 | 0.014589 | 0.062679 | 0.032692 | 0.002631 | 0.030436 | 0.061541 | 0.032921 | 0.073507 | 0.092686 | 0.037833 | 0.035974 | 0.037428 | 0.031326 | 0.038444 | 0.041530 | 0.045115 | 0.036258 | 0.039506 | 0.033564 |
| 0.118634 | 0.124346 | 0.024040 | 0.049953 | 0.006978 | 0.037485 | 0.037485 | 0.015358 | 0.015358 | 0.034486 | 0.034486 | 0.032511 | 0.032511 | 0.042288 | 0.042288 | -0.009290 | -0.009290 | 0.058610 | 0.058610 | 0.032734 | 0.032734 | 0.041739 | 0.041739 | 0.041739 | 0.041739 | 0.041739 | 0.041739 | 0.041739 | 0.041739 | 0.041739 | 0.041739 | 0.041739 | 0.041739 | 0.017318 | 0.035737 | 0.033736 | 0.023460 | 0.008354 | 0.016723 | 0.044595 | 0.044997 | 0.056186 | -0.002760 | 0.040307 | 0.036800 | 0.035948 | -0.002809 | 0.034900 | 0.035623 | 0.015438 | 0.061554 | 0.034492 | -0.008138 | 0.039555 | 0.032794 | 0.035303 | 0.020809 | 0.037225 | 0.034986 | 0.042128 | 0.027866 |
| 0.124879 | 0.124346 | 0.041134 | 0.035609 | 0.034530 | 0.032651 | 0.032651 | 0.012289 | 0.012289 | 0.019192 | 0.019192 | 0.029115 | 0.029115 | 0.025314 | 0.025314 | 0.037359 | 0.037359 | 0.043157 | 0.043157 | 0.038769 | 0.038769 | 0.034451 | 0.034451 | 0.034451 | 0.034451 | 0.034451 | 0.034451 | 0.034451 | 0.034451 | 0.034451 | 0.034451 | 0.034451 | 0.034451 | 0.046792 | 0.047319 | -0.001130 | 0.048463 | 0.029085 | 0.001433 | 0.027357 | 0.062066 | 0.036764 | 0.026456 | 0.018228 | 0.047211 | 0.042989 | 0.068530 | 0.039756 | 0.031101 | 0.020119 | 0.037653 | 0.015241 | 0.018444 | 0.030966 | 0.012689 | 0.021145 | 0.025406 | 0.027799 | 0.028532 | 0.039651 | 0.016717 |
| 0.131123 | 0.124346 | 0.052722 | 0.027632 | 0.028349 | 0.028004 | 0.028004 | 0.034780 | 0.034780 | 0.042091 | 0.042091 | 0.032302 | 0.032302 | 0.026345 | 0.026345 | 0.036269 | 0.036269 | 0.044719 | 0.044719 | 0.032342 | 0.032342 | 0.046513 | 0.046513 | 0.046513 | 0.046513 | 0.046513 | 0.046513 | 0.046513 | 0.046513 | 0.046513 | 0.046513 | 0.046513 | 0.046513 | 0.047912 | 0.007567 | 0.030237 | 0.023119 | 0.008311 | 0.029088 | 0.041205 | 0.056219 | 0.032772 | 0.058114 | 0.032977 | 0.057383 | 0.034758 | 0.025803 | 0.042588 | 0.017840 | 0.004179 | 0.033772 | 0.030809 | 0.016077 | 0.023457 | 0.019652 | 0.018709 | 0.037090 | 0.030381 | 0.028800 | 0.004183 | 0.021596 |
| 0.137368 | 0.124346 | 0.039769 | 0.033662 | 0.018033 | -0.005121 | -0.005121 | 0.041149 | 0.041149 | 0.041922 | 0.041922 | 0.035842 | 0.035842 | 0.044112 | 0.044112 | 0.039909 | 0.039909 | 0.041602 | 0.041602 | 0.053815 | 0.053815 | 0.043542 | 0.043542 | 0.043542 | 0.043542 | 0.043542 | 0.043542 | 0.043542 | 0.043542 | 0.043542 | 0.043542 | 0.043542 | 0.043542 | 0.044969 | 0.030852 | 0.033039 | 0.033720 | 0.019768 | 0.044609 | 0.044703 | 0.056198 | 0.039429 | 0.053176 | 0.010306 | 0.057702 | 0.052906 | 0.014258 | 0.051155 | 0.031916 | 0.015432 | 0.041005 | 0.023661 | 0.033824 | 0.035154 | 0.016071 | 0.028592 | 0.021464 | 0.026096 | 0.038523 | 0.041494 | 0.024408 |
| 0.143613 | 0.124346 | 0.042813 | 0.037934 | 0.037773 | 0.031800 | 0.031800 | 0.047956 | 0.047956 | 0.042378 | 0.042378 | 0.042940 | 0.042940 | 0.050261 | 0.050261 | 0.039354 | 0.039354 | 0.043245 | 0.043245 | 0.037329 | 0.037329 | 0.054910 | 0.054910 | 0.054910 | 0.054910 | 0.054910 | 0.054910 | 0.054910 | 0.054910 | 0.054910 | 0.054910 | 0.054910 | 0.054910 | 0.043414 | 0.042940 | 0.049312 | 0.047276 | 0.045099 | 0.046585 | 0.046176 | 0.054284 | 0.046455 | 0.025606 | 0.034464 | 0.056314 | 0.057031 | 0.054689 | 0.039280 | 0.029254 | 0.029772 | 0.047690 | 0.023516 | 0.035807 | 0.045847 | 0.036497 | 0.044054 | 0.020396 | 0.038334 | 0.038155 | 0.040919 | 0.046744 |
| 0.149858 | 0.124346 | 0.066278 | 0.050464 | 0.039492 | 0.040291 | 0.040291 | 0.025931 | 0.025931 | 0.037861 | 0.037861 | 0.043818 | 0.043818 | 0.044453 | 0.044453 | 0.051669 | 0.051669 | 0.050209 | 0.050209 | 0.013651 | 0.013651 | 0.056225 | 0.056225 | 0.056225 | 0.056225 | 0.056225 | 0.056225 | 0.056225 | 0.056225 | 0.056225 | 0.056225 | 0.056225 | 0.056225 | 0.044636 | 0.047067 | 0.055135 | 0.047601 | 0.043929 | 0.052158 | 0.049936 | 0.047074 | 0.046269 | 0.025155 | 0.044230 | 0.055845 | 0.047578 | 0.045476 | 0.044414 | 0.042983 | 0.018300 | 0.066915 | 0.027995 | 0.030053 | 0.048144 | 0.042001 | 0.046810 | 0.035527 | 0.030999 | 0.043253 | 0.038322 | 0.048813 |
| 0.156102 | 0.124346 | 0.065902 | 0.072670 | 0.027759 | 0.042778 | 0.042778 | 0.032226 | 0.032226 | 0.041376 | 0.041376 | 0.045035 | 0.045035 | 0.044141 | 0.044141 | 0.065115 | 0.065115 | 0.045219 | 0.045219 | 0.052038 | 0.052038 | 0.052320 | 0.052320 | 0.052320 | 0.052320 | 0.052320 | 0.052320 | 0.052320 | 0.052320 | 0.052320 | 0.052320 | 0.052320 | 0.052320 | 0.049114 | 0.047457 | 0.057955 | 0.040725 | 0.051613 | 0.050701 | 0.050247 | 0.045894 | 0.041721 | 0.033467 | 0.039387 | 0.049144 | 0.038898 | 0.045080 | 0.053452 | 0.060629 | 0.050852 | 0.069371 | 0.003326 | 0.009330 | 0.047391 | 0.043005 | 0.046791 | 0.053310 | 0.019992 | 0.041469 | 0.042070 | 0.044584 |
| 0.162347 | 0.124346 | 0.068096 | 0.083745 | 0.032685 | 0.042908 | 0.042908 | 0.036867 | 0.036867 | 0.043034 | 0.043034 | 0.046832 | 0.046832 | 0.044866 | 0.044866 | 0.056181 | 0.056181 | 0.045068 | 0.045068 | 0.046067 | 0.046067 | 0.049818 | 0.049818 | 0.049818 | 0.049818 | 0.049818 | 0.049818 | 0.049818 | 0.049818 | 0.049818 | 0.049818 | 0.049818 | 0.049818 | 0.048828 | 0.048890 | 0.050945 | 0.034368 | 0.046832 | 0.044943 | 0.049586 | 0.050080 | 0.039301 | 0.036440 | 0.032006 | 0.040833 | 0.035570 | 0.041974 | 0.051547 | 0.056571 | 0.050498 | 0.052965 | 0.020833 | 0.020911 | 0.044978 | 0.044127 | 0.038771 | 0.048687 | 0.024031 | 0.045568 | 0.041519 | 0.042990 |
| 0.164184 | 0.119883 | 0.061998 | 0.071143 | 0.029113 | 0.047569 | 0.047569 | 0.033543 | 0.033543 | 0.048608 | 0.048608 | 0.051817 | 0.051817 | 0.053574 | 0.053574 | 0.051031 | 0.051031 | 0.049020 | 0.049020 | 0.049110 | 0.049110 | 0.054490 | 0.054490 | 0.054490 | 0.054490 | 0.054490 | 0.054490 | 0.054490 | 0.054490 | 0.054490 | 0.054490 | 0.054490 | 0.054490 | 0.053210 | 0.053682 | 0.053720 | 0.017536 | 0.051047 | 0.046281 | 0.033823 | 0.058717 | 0.036364 | 0.058630 | 0.033372 | 0.024504 | 0.035757 | 0.037728 | 0.043134 | 0.051727 | 0.040143 | 0.054311 | 0.055869 | 0.041637 | 0.045103 | 0.052806 | 0.026226 | 0.052127 | 0.021816 | 0.067979 | 0.044687 | 0.047316 |
| 0.164261 | 0.113639 | 0.054900 | 0.053136 | 0.088196 | 0.050217 | 0.050217 | 0.062026 | 0.062026 | 0.056564 | 0.056564 | 0.064566 | 0.064566 | 0.058645 | 0.058645 | 0.054146 | 0.054146 | 0.055731 | 0.055731 | 0.094792 | 0.094792 | 0.060111 | 0.060111 | 0.060111 | 0.060111 | 0.060111 | 0.060111 | 0.060111 | 0.060111 | 0.060111 | 0.060111 | 0.060111 | 0.060111 | 0.061652 | 0.056784 | 0.055632 | 0.062165 | 0.056971 | 0.059344 | 0.052498 | 0.057862 | 0.014140 | 0.059121 | 0.061432 | 0.041805 | 0.052801 | 0.044021 | 0.048814 | 0.049845 | 0.045209 | 0.018487 | 0.054407 | 0.052305 | 0.046712 | 0.059761 | 0.050114 | 0.057796 | 0.056038 | 0.055789 | 0.051861 | 0.057712 |
| 0.164338 | 0.107395 | 0.053489 | 0.054016 | 0.063521 | 0.065273 | 0.065273 | 0.058615 | 0.058615 | 0.052128 | 0.052128 | 0.058043 | 0.058043 | 0.054527 | 0.054527 | 0.054468 | 0.054468 | 0.045613 | 0.045613 | 0.059856 | 0.059856 | 0.056060 | 0.056060 | 0.056060 | 0.056060 | 0.056060 | 0.056060 | 0.056060 | 0.056060 | 0.056060 | 0.056060 | 0.056060 | 0.056060 | 0.055172 | 0.056135 | 0.055764 | 0.056625 | 0.056821 | 0.056400 | 0.055729 | 0.059464 | 0.052708 | 0.056103 | 0.058465 | 0.058844 | 0.056089 | 0.052831 | 0.059676 | 0.053397 | 0.060148 | 0.052826 | 0.055210 | 0.055595 | 0.053977 | 0.054829 | 0.057265 | 0.056536 | 0.059413 | 0.054232 | 0.059510 | 0.056309 |
| 0.164416 | 0.10115 | 0.056516 | 0.055002 | 0.054262 | 0.056269 | 0.056269 | 0.058869 | 0.058869 | 0.050749 | 0.050749 | 0.055253 | 0.055253 | 0.056627 | 0.056627 | 0.055298 | 0.055298 | 0.059488 | 0.059488 | 0.056263 | 0.056263 | 0.059358 | 0.059358 | 0.059358 | 0.059358 | 0.059358 | 0.059358 | 0.059358 | 0.059358 | 0.059358 | 0.059358 | 0.059358 | 0.059358 | 0.055338 | 0.057675 | 0.057895 | 0.058581 | 0.053791 | 0.056833 | 0.056341 | 0.057988 | 0.055503 | 0.054519 | 0.058689 | 0.055107 | 0.052712 | 0.054477 | 0.056005 | 0.054271 | 0.053982 | 0.058090 | 0.054137 | 0.057243 | 0.053568 | 0.056081 | 0.054598 | 0.055499 | 0.056595 | 0.055870 | 0.055455 | 0.054242 |
| 0.164493 | 0.094906 | 0.055321 | 0.056713 | 0.052700 | 0.054197 | 0.054197 | 0.055068 | 0.055068 | 0.053980 | 0.053980 | 0.054735 | 0.054735 | 0.057788 | 0.057788 | 0.056625 | 0.056625 | 0.056685 | 0.056685 | 0.058999 | 0.058999 | 0.062068 | 0.062068 | 0.062068 | 0.062068 | 0.062068 | 0.062068 | 0.062068 | 0.062068 | 0.062068 | 0.062068 | 0.062068 | 0.062068 | 0.054972 | 0.056199 | 0.056668 | 0.055386 | 0.054580 | 0.058821 | 0.049977 | 0.062051 | 0.058471 | 0.054275 | 0.056592 | 0.054292 | 0.052271 | 0.054469 | 0.055813 | 0.055718 | 0.055263 | 0.056737 | 0.055809 | 0.053662 | 0.056258 | 0.055928 | 0.051581 | 0.053777 | 0.050822 | 0.054318 | 0.055596 | 0.053882 |
| 0.16457 | 0.088662 | 0.057182 | 0.056234 | 0.054745 | 0.055839 | 0.055839 | 0.057680 | 0.057680 | 0.058220 | 0.058220 | 0.056481 | 0.056481 | 0.056375 | 0.056375 | 0.059115 | 0.059115 | 0.057427 | 0.057427 | 0.052996 | 0.052996 | 0.054308 | 0.054308 | 0.054308 | 0.054308 | 0.054308 | 0.054308 | 0.054308 | 0.054308 | 0.054308 | 0.054308 | 0.054308 | 0.054308 | 0.054812 | 0.055750 | 0.056534 | 0.056758 | 0.056899 | 0.058096 | 0.055066 | 0.055175 | 0.056605 | 0.056011 | 0.056123 | 0.053402 | 0.054411 | 0.053707 | 0.053839 | 0.055079 | 0.054331 | 0.054335 | 0.049870 | 0.055321 | 0.054587 | 0.055888 | 0.052452 | 0.053703 | 0.053730 | 0.054548 | 0.054370 | 0.055753 |
| 0.164648 | 0.082418 | 0.058055 | 0.054158 | 0.055388 | 0.058317 | 0.058317 | 0.058079 | 0.058079 | 0.056099 | 0.056099 | 0.056435 | 0.056435 | 0.054937 | 0.054937 | 0.057094 | 0.057094 | 0.054672 | 0.054672 | 0.054020 | 0.054020 | 0.053563 | 0.053563 | 0.053563 | 0.053563 | 0.053563 | 0.053563 | 0.053563 | 0.053563 | 0.053563 | 0.053563 | 0.053563 | 0.053563 | 0.053566 | 0.054925 | 0.053996 | 0.054766 | 0.053279 | 0.055133 | 0.056340 | 0.052260 | 0.053294 | 0.051733 | 0.057633 | 0.051301 | 0.055438 | 0.051421 | 0.054052 | 0.054439 | 0.055405 | 0.054130 | 0.054522 | 0.051442 | 0.054103 | 0.052673 | 0.055427 | 0.053581 | 0.053737 | 0.054339 | 0.054734 | 0.049894 |
| 0.164725 | 0.076173 | 0.059251 | 0.057842 | 0.058231 | 0.057665 | 0.057665 | 0.058130 | 0.058130 | 0.055295 | 0.055295 | 0.056156 | 0.056156 | 0.056531 | 0.056531 | 0.054269 | 0.054269 | 0.058061 | 0.058061 | 0.052861 | 0.052861 | 0.052762 | 0.052762 | 0.052762 | 0.052762 | 0.052762 | 0.052762 | 0.052762 | 0.052762 | 0.052762 | 0.052762 | 0.052762 | 0.052762 | 0.054926 | 0.054429 | 0.054314 | 0.057038 | 0.052883 | 0.055926 | 0.054546 | 0.057430 | 0.054540 | 0.055395 | 0.055311 | 0.054436 | 0.054907 | 0.054816 | 0.054417 | 0.056244 | 0.055563 | 0.052931 | 0.054624 | 0.054631 | 0.053601 | 0.055787 | 0.053561 | 0.055662 | 0.054469 | 0.057407 | 0.054856 | 0.054482 |
| 0.164802 | 0.069929 | 0.055749 | 0.059816 | 0.056896 | 0.056970 | 0.056970 | 0.057541 | 0.057541 | 0.054345 | 0.054345 | 0.058861 | 0.058861 | 0.052899 | 0.052899 | 0.051514 | 0.051514 | 0.048628 | 0.048628 | 0.052546 | 0.052546 | 0.056640 | 0.056640 | 0.056640 | 0.056640 | 0.056640 | 0.056640 | 0.056640 | 0.056640 | 0.056640 | 0.056640 | 0.056640 | 0.056640 | 0.055772 | 0.053719 | 0.054626 | 0.057558 | 0.053988 | 0.057668 | 0.055380 | 0.054673 | 0.055144 | 0.055388 | 0.055963 | 0.053905 | 0.054265 | 0.055302 | 0.052794 | 0.053383 | 0.056807 | 0.053547 | 0.057281 | 0.057046 | 0.053194 | 0.054633 | 0.058457 | 0.055395 | 0.057440 | 0.056704 | 0.056418 | 0.054175 |
| 0.164879 | 0.063685 | 0.053593 | 0.051671 | 0.055437 | 0.057017 | 0.057017 | 0.058136 | 0.058136 | 0.055054 | 0.055054 | 0.054498 | 0.054498 | 0.051505 | 0.051505 | 0.051076 | 0.051076 | 0.054874 | 0.054874 | 0.056643 | 0.056643 | 0.054447 | 0.054447 | 0.054447 | 0.054447 | 0.054447 | 0.054447 | 0.054447 | 0.054447 | 0.054447 | 0.054447 | 0.054447 | 0.054447 | 0.056566 | 0.057762 | 0.055121 | 0.055925 | 0.054320 | 0.055912 | 0.054660 | 0.055218 | 0.053863 | 0.054095 | 0.053906 | 0.053718 | 0.052658 | 0.057048 | 0.050165 | 0.054750 | 0.054663 | 0.056463 | 0.054854 | 0.056209 | 0.054576 | 0.052361 | 0.055664 | 0.058690 | 0.054541 | 0.058516 | 0.055596 | 0.054467 |
| 0.164957 | 0.057441 | 0.051532 | 0.059254 | 0.057079 | 0.058680 | 0.058680 | 0.053709 | 0.053709 | 0.059412 | 0.059412 | 0.059009 | 0.059009 | 0.057414 | 0.057414 | 0.054460 | 0.054460 | 0.055661 | 0.055661 | 0.060465 | 0.060465 | 0.057198 | 0.057198 | 0.057198 | 0.057198 | 0.057198 | 0.057198 | 0.057198 | 0.057198 | 0.057198 | 0.057198 | 0.057198 | 0.057198 | 0.057058 | 0.058162 | 0.057129 | 0.058415 | 0.055808 | 0.055757 | 0.059737 | 0.057455 | 0.056248 | 0.052781 | 0.053466 | 0.057499 | 0.050667 | 0.058791 | 0.058179 | 0.052841 | 0.055375 | 0.058685 | 0.056048 | 0.057174 | 0.060027 | 0.057404 | 0.055675 | 0.057238 | 0.059414 | 0.053507 | 0.058991 | 0.056201 |
| 0.165034 | 0.051196 | 0.056190 | 0.061147 | 0.054177 | 0.058877 | 0.058877 | 0.056889 | 0.056889 | 0.063232 | 0.063232 | 0.058308 | 0.058308 | 0.054292 | 0.054292 | 0.058822 | 0.058822 | 0.057140 | 0.057140 | 0.059595 | 0.059595 | 0.061311 | 0.061311 | 0.061311 | 0.061311 | 0.061311 | 0.061311 | 0.061311 | 0.061311 | 0.061311 | 0.061311 | 0.061311 | 0.061311 | 0.059822 | 0.060571 | 0.055278 | 0.057591 | 0.058492 | 0.060265 | 0.061283 | 0.056958 | 0.059079 | 0.064760 | 0.057558 | 0.059394 | 0.056755 | 0.057771 | 0.061122 | 0.056938 | 0.061284 | 0.056748 | 0.059724 | 0.061436 | 0.056024 | 0.062545 | 0.056785 | 0.056183 | 0.058537 | 0.055461 | 0.058050 | 0.058076 |
| 0.159604 | 0.050406 | 0.059521 | 0.058418 | 0.055337 | 0.055355 | 0.055355 | 0.056129 | 0.056129 | 0.048994 | 0.048994 | 0.065900 | 0.065900 | 0.064498 | 0.064498 | 0.057414 | 0.057414 | 0.058767 | 0.058767 | 0.056322 | 0.056322 | 0.062092 | 0.062092 | 0.062092 | 0.062092 | 0.062092 | 0.062092 | 0.062092 | 0.062092 | 0.062092 | 0.062092 | 0.062092 | 0.062092 | 0.058272 | 0.059565 | 0.055420 | 0.060038 | 0.057382 | 0.057541 | 0.059221 | 0.055068 | 0.058102 | 0.049278 | 0.060766 | 0.052602 | 0.055393 | 0.050153 | 0.069703 | 0.057454 | 0.056256 | 0.067519 | 0.051628 | 0.061241 | 0.047742 | 0.052789 | 0.108619 | 0.059608 | 0.055419 | 0.061066 | 0.062136 | 0.055633 |
| 0.153359 | 0.050423 | 0.057327 | 0.060106 | 0.055652 | 0.058233 | 0.058233 | 0.057388 | 0.057388 | 0.057105 | 0.057105 | 0.057273 | 0.057273 | 0.059426 | 0.059426 | 0.057474 | 0.057474 | 0.056410 | 0.056410 | 0.058440 | 0.058440 | 0.053288 | 0.053288 | 0.053288 | 0.053288 | 0.053288 | 0.053288 | 0.053288 | 0.053288 | 0.053288 | 0.053288 | 0.053288 | 0.053288 | 0.059597 | 0.053025 | 0.056862 | 0.057152 | 0.058949 | 0.056164 | 0.058840 | 0.054803 | 0.062560 | 0.059238 | 0.060366 | 0.058492 | 0.058504 | 0.059104 | 0.059820 | 0.059911 | 0.063799 | 0.057055 | 0.066308 | 0.055117 | 0.060520 | 0.052540 | 0.055361 | 0.054528 | 0.061316 | 0.056402 | 0.065052 | 0.061323 |
| 0.147114 | 0.05044 | 0.053416 | 0.056023 | 0.057795 | 0.053469 | 0.053469 | 0.055616 | 0.055616 | 0.061929 | 0.061929 | 0.054870 | 0.054870 | 0.050691 | 0.050691 | -0.005166 | -0.005166 | 0.056670 | 0.056670 | 0.043955 | 0.043955 | 0.052280 | 0.052280 | 0.052280 | 0.052280 | 0.052280 | 0.052280 | 0.052280 | 0.052280 | 0.052280 | 0.052280 | 0.052280 | 0.052280 | 0.059427 | 0.054331 | 0.055784 | 0.057584 | 0.054173 | 0.055324 | 0.056826 | 0.057308 | 0.060954 | 0.058459 | 0.050948 | 0.061478 | 0.054561 | 0.056631 | 0.058306 | 0.052902 | 0.067008 | 0.055632 | 0.061335 | 0.049770 | 0.078313 | 0.049852 | 0.070567 | 0.051362 | 0.061482 | 0.051109 | 0.050831 | 0.059737 |
| 0.14087 | 0.050456 | 0.054389 | 0.057531 | 0.050859 | 0.053963 | 0.053963 | 0.055710 | 0.055710 | 0.042089 | 0.042089 | 0.063106 | 0.063106 | 0.053246 | 0.053246 | 0.054321 | 0.054321 | 0.053014 | 0.053014 | 0.048269 | 0.048269 | 0.054764 | 0.054764 | 0.054764 | 0.054764 | 0.054764 | 0.054764 | 0.054764 | 0.054764 | 0.054764 | 0.054764 | 0.054764 | 0.054764 | 0.046359 | 0.053818 | 0.049705 | 0.055390 | 0.051304 | 0.051381 | 0.054673 | 0.050522 | 0.047447 | 0.054070 | 0.045618 | 0.047343 | 0.052146 | 0.046681 | 0.054815 | 0.050476 | 0.042156 | 0.028639 | 0.043350 | 0.048690 | 0.036147 | 0.047866 | 0.028761 | 0.029202 | 0.034114 | 0.032976 | 0.096228 | 0.025188 |
| 0.134625 | 0.050473 | 0.004957 | 0.037261 | 0.044792 | 0.045335 | 0.045335 | 0.047602 | 0.047602 | 0.051129 | 0.051129 | 0.051906 | 0.051906 | 0.049131 | 0.049131 | 0.050093 | 0.050093 | 0.073984 | 0.073984 | 0.045038 | 0.045038 | 0.035563 | 0.035563 | 0.035563 | 0.035563 | 0.035563 | 0.035563 | 0.035563 | 0.035563 | 0.035563 | 0.035563 | 0.035563 | 0.035563 | 0.026013 | 0.032983 | 0.040681 | 0.098463 | 0.045921 | 0.039947 | 0.042734 | 0.034989 | 0.041739 | 0.038697 | 0.017981 | 0.031219 | 0.024918 | 0.035568 | 0.063833 | 0.020717 | 0.011898 | 0.033813 | 0.017092 | 0.020593 | 0.021831 | 0.020814 | 0.006870 | 0.006486 | 0.030760 | 0.010856 | -0.030296 | 0.010890 |
| 0.12838 | 0.050489 | 0.015464 | 0.075391 | 0.016612 | 0.029684 | 0.029684 | 0.034427 | 0.034427 | 0.035022 | 0.035022 | 0.047584 | 0.047584 | 0.040495 | 0.040495 | 0.040740 | 0.040740 | 0.031075 | 0.031075 | 0.029595 | 0.029595 | 0.047661 | 0.047661 | 0.047661 | 0.047661 | 0.047661 | 0.047661 | 0.047661 | 0.047661 | 0.047661 | 0.047661 | 0.047661 | 0.047661 | 0.020125 | 0.040559 | 0.014946 | 0.014683 | 0.050788 | 0.016493 | 0.015965 | -0.028626 | 0.016067 | 0.022981 | 0.015278 | -0.015635 | 0.008500 | 0.001876 | 0.011798 | 0.018072 | 0.012725 | 0.011020 | 0.034948 | -0.011626 | 0.030159 | -0.030202 | -0.015639 | 0.009203 | 0.006061 | 0.012655 | 0.030570 | 0.015485 |
| 0.122136 | 0.050506 | 0.029594 | 0.027149 | 0.029413 | 0.033092 | 0.033092 | -0.009203 | -0.009203 | 0.019840 | 0.019840 | 0.023932 | 0.023932 | 0.029242 | 0.029242 | 0.044686 | 0.044686 | 0.040437 | 0.040437 | 0.033452 | 0.033452 | 0.020457 | 0.020457 | 0.020457 | 0.020457 | 0.020457 | 0.020457 | 0.020457 | 0.020457 | 0.020457 | 0.020457 | 0.020457 | 0.020457 | 0.018324 | 0.015510 | 0.014657 | 0.039151 | 0.014141 | 0.017140 | 0.017795 | 0.014627 | 0.018432 | 0.045932 | 0.017466 | 0.016108 | 0.014074 | -0.017095 | 0.009961 | 0.027297 | 0.035682 | 0.019876 | 0.019760 | 0.016239 | 0.023021 | 0.020728 | 0.026285 | 0.022388 | 0.018268 | 0.019973 | 0.048331 | -0.028958 |
| 0.115891 | 0.050523 | 0.000738 | 0.043777 | 0.061676 | 0.029838 | 0.029838 | 0.030722 | 0.030722 | 0.028922 | 0.028922 | 0.028366 | 0.028366 | 0.028731 | 0.028731 | 0.061382 | 0.061382 | 0.025136 | 0.025136 | 0.023974 | 0.023974 | 0.048042 | 0.048042 | 0.048042 | 0.048042 | 0.048042 | 0.048042 | 0.048042 | 0.048042 | 0.048042 | 0.048042 | 0.048042 | 0.048042 | 0.037573 | 0.036226 | 0.036423 | 0.035562 | 0.037639 | 0.034333 | 0.039753 | 0.036769 | 0.050710 | 0.061104 | 0.078297 | 0.034076 | 0.059428 | 0.035729 | 0.032577 | 0.028459 | 0.031823 | 0.028529 | 0.022171 | 0.023345 | 0.047893 | 0.026627 | 0.029124 | 0.027536 | 0.018743 | 0.021777 | 0.016333 | 0.020898 |
| 0.109646 | 0.050539 | 0.035614 | 0.040746 | 0.047210 | 0.043209 | 0.043209 | 0.044029 | 0.044029 | 0.046049 | 0.046049 | 0.031936 | 0.031936 | 0.044819 | 0.044819 | 0.042149 | 0.042149 | 0.039707 | 0.039707 | 0.042395 | 0.042395 | 0.050104 | 0.050104 | 0.050104 | 0.050104 | 0.050104 | 0.050104 | 0.050104 | 0.050104 | 0.050104 | 0.050104 | 0.050104 | 0.050104 | 0.051410 | 0.050025 | 0.053688 | 0.052697 | 0.051532 | 0.056163 | 0.051494 | 0.048115 | 0.057912 | 0.054795 | 0.047658 | 0.052759 | 0.008108 | 0.048836 | 0.088165 | 0.060740 | -0.014227 | 0.033868 | 0.058559 | 0.050329 | 0.005869 | 0.029223 | -0.003651 | -0.009581 | 0.079065 | -0.008600 | 0.032965 | 0.026401 |
| 0.103401 | 0.050556 | 0.037642 | 0.037804 | 0.052976 | 0.047327 | 0.047327 | 0.054337 | 0.054337 | 0.052114 | 0.052114 | 0.047808 | 0.047808 | 0.052511 | 0.052511 | 0.051060 | 0.051060 | 0.050664 | 0.050664 | 0.049262 | 0.049262 | 0.055884 | 0.055884 | 0.055884 | 0.055884 | 0.055884 | 0.055884 | 0.055884 | 0.055884 | 0.055884 | 0.055884 | 0.055884 | 0.055884 | 0.054115 | 0.054729 | 0.054476 | 0.056246 | 0.063660 | 0.048537 | 0.061453 | 0.057307 | 0.054596 | 0.059477 | 0.056765 | 0.064247 | 0.047902 | 0.052300 | 0.059988 | 0.053812 | 0.058634 | 0.063511 | 0.056083 | 0.016637 | 0.065820 | 0.084014 | 0.048851 | 0.061252 | 0.054599 | 0.053808 | 0.050495 | 0.053353 |
| 0.097157 | 0.050572 | 0.048830 | 0.051035 | 0.050578 | 0.071779 | 0.071779 | 0.049710 | 0.049710 | 0.051552 | 0.051552 | 0.053524 | 0.053524 | 0.054065 | 0.054065 | 0.044461 | 0.044461 | 0.053018 | 0.053018 | 0.056691 | 0.056691 | 0.054795 | 0.054795 | 0.054795 | 0.054795 | 0.054795 | 0.054795 | 0.054795 | 0.054795 | 0.054795 | 0.054795 | 0.054795 | 0.054795 | 0.053005 | 0.056103 | 0.056759 | 0.057858 | 0.057355 | 0.059688 | 0.059186 | 0.057529 | 0.060715 | 0.059792 | 0.056638 | 0.057748 | 0.054275 | 0.057826 | 0.060901 | 0.057752 | 0.062519 | 0.059705 | 0.058073 | 0.054180 | 0.056525 | 0.055659 | 0.055770 | 0.059628 | 0.049835 | 0.058132 | 0.057875 | 0.058722 |
| 0.090912 | 0.050589 | 0.054435 | 0.046863 | 0.049409 | 0.067105 | 0.067105 | 0.050743 | 0.050743 | 0.071205 | 0.071205 | 0.050207 | 0.050207 | 0.060894 | 0.060894 | 0.056281 | 0.056281 | 0.059503 | 0.059503 | 0.056429 | 0.056429 | 0.051785 | 0.051785 | 0.051785 | 0.051785 | 0.051785 | 0.051785 | 0.051785 | 0.051785 | 0.051785 | 0.051785 | 0.051785 | 0.051785 | 0.052183 | 0.057129 | 0.056454 | 0.055544 | 0.054272 | 0.054723 | 0.051998 | 0.061370 | 0.056220 | 0.060186 | 0.060909 | 0.054965 | 0.058927 | 0.057569 | 0.061034 | 0.055284 | 0.053078 | 0.063699 | 0.048737 | 0.051135 | 0.054197 | 0.059532 | 0.055779 | 0.064271 | 0.047876 | 0.059232 | 0.062276 | 0.059735 |
| 0.084667 | 0.050606 | 0.054818 | 0.053644 | 0.050338 | 0.048897 | 0.048897 | 0.055038 | 0.055038 | 0.057578 | 0.057578 | 0.060159 | 0.060159 | 0.051861 | 0.051861 | 0.059830 | 0.059830 | 0.056625 | 0.056625 | 0.060245 | 0.060245 | 0.054858 | 0.054858 | 0.054858 | 0.054858 | 0.054858 | 0.054858 | 0.054858 | 0.054858 | 0.054858 | 0.054858 | 0.054858 | 0.054858 | 0.059799 | 0.059345 | 0.058625 | 0.055051 | 0.063299 | 0.053192 | 0.066771 | 0.048884 | 0.058754 | 0.059679 | 0.060152 | 0.056582 | 0.074625 | 0.057482 | 0.061987 | 0.057826 | 0.059453 | 0.061626 | 0.057851 | 0.059691 | 0.059913 | 0.057469 | 0.053744 | 0.054457 | 0.061842 | 0.068286 | 0.056709 | 0.055225 |
| 0.078962 | 0.051153 | 0.055151 | 0.060912 | 0.053511 | 0.057726 | 0.057726 | 0.057907 | 0.057907 | 0.059697 | 0.059697 | 0.054793 | 0.054793 | 0.058861 | 0.058861 | 0.063365 | 0.063365 | 0.061938 | 0.061938 | 0.089919 | 0.089919 | 0.059177 | 0.059177 | 0.059177 | 0.059177 | 0.059177 | 0.059177 | 0.059177 | 0.059177 | 0.059177 | 0.059177 | 0.059177 | 0.059177 | 0.062852 | 0.030185 | 0.062614 | 0.052367 | 0.073754 | 0.059438 | 0.057657 | 0.046773 | 0.059756 | 0.057917 | 0.054520 | 0.051137 | 0.023191 | 0.057548 | 0.057335 | 0.057020 | 0.060693 | 0.057788 | 0.059590 | 0.061560 | 0.055912 | 0.058733 | 0.061128 | 0.056467 | 0.061212 | 0.059141 | 0.058985 | 0.057899 |
| 0.079046 | 0.057397 | 0.054143 | 0.060560 | 0.053283 | 0.055696 | 0.055696 | 0.056591 | 0.056591 | 0.054889 | 0.054889 | 0.054055 | 0.054055 | 0.061795 | 0.061795 | 0.055364 | 0.055364 | 0.059146 | 0.059146 | 0.057831 | 0.057831 | 0.060910 | 0.060910 | 0.060910 | 0.060910 | 0.060910 | 0.060910 | 0.060910 | 0.060910 | 0.060910 | 0.060910 | 0.060910 | 0.060910 | 0.055884 | 0.057879 | 0.059676 | 0.058851 | 0.057232 | 0.058376 | 0.061501 | 0.055376 | 0.060057 | 0.057306 | 0.061334 | 0.055642 | 0.058037 | 0.057778 | 0.059287 | 0.052699 | 0.064797 | 0.059385 | 0.054042 | 0.058496 | 0.057035 | 0.058460 | 0.055667 | 0.056148 | 0.060828 | 0.056472 | 0.060338 | 0.057138 |
| 0.07913 | 0.063641 | 0.057682 | 0.057520 | 0.056680 | 0.058793 | 0.058793 | 0.056102 | 0.056102 | 0.056607 | 0.056607 | 0.057999 | 0.057999 | 0.056424 | 0.056424 | 0.057229 | 0.057229 | 0.056914 | 0.056914 | 0.051173 | 0.051173 | 0.068840 | 0.068840 | 0.068840 | 0.068840 | 0.068840 | 0.068840 | 0.068840 | 0.068840 | 0.068840 | 0.068840 | 0.068840 | 0.068840 | 0.053452 | 0.057385 | 0.054827 | 0.059592 | 0.059132 | 0.057003 | 0.059046 | 0.056535 | 0.055668 | 0.056143 | 0.058119 | 0.053160 | 0.055991 | 0.058053 | 0.058738 | 0.054817 | 0.061017 | 0.057335 | 0.058690 | 0.057833 | 0.056935 | 0.056936 | 0.056533 | 0.055541 | 0.054391 | 0.062237 | 0.056351 | 0.056185 |
| 0.079214 | 0.069886 | 0.057278 | 0.056684 | 0.058661 | 0.055986 | 0.055986 | 0.062022 | 0.062022 | 0.057262 | 0.057262 | 0.055767 | 0.055767 | 0.059453 | 0.059453 | 0.048420 | 0.048420 | 0.056207 | 0.056207 | 0.056398 | 0.056398 | 0.055091 | 0.055091 | 0.055091 | 0.055091 | 0.055091 | 0.055091 | 0.055091 | 0.055091 | 0.055091 | 0.055091 | 0.055091 | 0.055091 | 0.055410 | 0.059267 | 0.053379 | 0.057114 | 0.051172 | 0.058939 | 0.055976 | 0.057356 | 0.054027 | 0.057337 | 0.057674 | 0.056660 | 0.058058 | 0.057486 | 0.057064 | 0.056025 | 0.059027 | 0.055821 | 0.057973 | 0.055605 | 0.055218 | 0.057532 | 0.055842 | 0.054945 | 0.063282 | 0.056806 | 0.056243 | 0.058793 |
| 0.079298 | 0.07613 | 0.056772 | 0.052645 | 0.056342 | 0.055629 | 0.055629 | 0.054788 | 0.054788 | 0.058364 | 0.058364 | 0.057831 | 0.057831 | 0.059612 | 0.059612 | 0.058348 | 0.058348 | 0.058373 | 0.058373 | 0.058528 | 0.058528 | 0.057577 | 0.057577 | 0.057577 | 0.057577 | 0.057577 | 0.057577 | 0.057577 | 0.057577 | 0.057577 | 0.057577 | 0.057577 | 0.057577 | 0.056660 | 0.059949 | 0.056754 | 0.055345 | 0.055872 | 0.058898 | 0.053543 | 0.057199 | 0.054718 | 0.054482 | 0.051111 | 0.056173 | 0.050439 | 0.062659 | 0.052438 | 0.056194 | 0.057852 | 0.056404 | 0.059291 | 0.057807 | 0.058307 | 0.053538 | 0.058245 | 0.055328 | 0.056428 | 0.053547 | 0.054746 | 0.055113 |
| 0.079382 | 0.082374 | 0.058931 | 0.056865 | 0.057287 | 0.056444 | 0.056444 | 0.055203 | 0.055203 | 0.053757 | 0.053757 | 0.056720 | 0.056720 | 0.056230 | 0.056230 | 0.064152 | 0.064152 | 0.050698 | 0.050698 | 0.056135 | 0.056135 | 0.053154 | 0.053154 | 0.053154 | 0.053154 | 0.053154 | 0.053154 | 0.053154 | 0.053154 | 0.053154 | 0.053154 | 0.053154 | 0.053154 | 0.054232 | 0.055685 | 0.057854 | 0.054678 | 0.057429 | 0.057306 | 0.057009 | 0.056373 | 0.061509 | 0.057164 | 0.055814 | 0.055009 | 0.052081 | 0.056859 | 0.050975 | 0.050648 | 0.053011 | 0.056016 | 0.057363 | 0.049924 | 0.052265 | 0.056411 | 0.058489 | 0.058521 | 0.057063 | 0.054952 | 0.057523 | 0.057954 |
| 0.079467 | 0.088618 | 0.058935 | 0.057898 | 0.057124 | 0.057787 | 0.057787 | 0.057365 | 0.057365 | 0.057746 | 0.057746 | 0.058555 | 0.058555 | 0.056564 | 0.056564 | 0.055124 | 0.055124 | 0.057078 | 0.057078 | 0.059294 | 0.059294 | 0.054866 | 0.054866 | 0.054866 | 0.054866 | 0.054866 | 0.054866 | 0.054866 | 0.054866 | 0.054866 | 0.054866 | 0.054866 | 0.054866 | 0.055983 | 0.057910 | 0.055683 | 0.059640 | 0.055803 | 0.056095 | 0.054729 | 0.051495 | 0.057958 | 0.056407 | 0.055898 | 0.057183 | 0.056289 | 0.056264 | 0.055619 | 0.056211 | 0.057152 | 0.058128 | 0.055788 | 0.050248 | 0.050812 | 0.053923 | 0.047106 | 0.055981 | 0.053749 | 0.057861 | 0.053916 | 0.054137 |
| 0.079551 | 0.094862 | 0.058790 | 0.058329 | 0.055709 | 0.056712 | 0.056712 | 0.057721 | 0.057721 | 0.057625 | 0.057625 | 0.046207 | 0.046207 | 0.055071 | 0.055071 | 0.057567 | 0.057567 | 0.047155 | 0.047155 | 0.059836 | 0.059836 | 0.051688 | 0.051688 | 0.051688 | 0.051688 | 0.051688 | 0.051688 | 0.051688 | 0.051688 | 0.051688 | 0.051688 | 0.051688 | 0.051688 | 0.053707 | 0.054764 | 0.051681 | 0.045450 | 0.053272 | 0.045390 | 0.052250 | 0.035458 | -0.021793 | 0.052165 | 0.054193 | 0.053186 | 0.052755 | 0.055308 | 0.051042 | 0.051580 | 0.058404 | 0.052566 | 0.054296 | 0.051907 | 0.050582 | 0.055149 | 0.054308 | 0.052165 | 0.052429 | 0.053123 | 0.056070 | 0.053178 |
| 0.079635 | 0.101106 | 0.058810 | 0.056009 | 0.055220 | 0.061081 | 0.061081 | 0.055833 | 0.055833 | 0.061653 | 0.061653 | 0.057837 | 0.057837 | 0.056351 | 0.056351 | 0.059742 | 0.059742 | 0.057834 | 0.057834 | 0.061884 | 0.061884 | 0.054015 | 0.054015 | 0.054015 | 0.054015 | 0.054015 | 0.054015 | 0.054015 | 0.054015 | 0.054015 | 0.054015 | 0.054015 | 0.054015 | 0.056226 | 0.055835 | 0.054633 | 0.054569 | 0.053862 | 0.052838 | 0.054459 | 0.054415 | 0.056189 | 0.055343 | 0.051254 | 0.056452 | 0.055645 | 0.055997 | 0.055926 | 0.057329 | 0.057048 | 0.057291 | 0.055591 | 0.055986 | 0.055966 | 0.054248 | 0.059378 | 0.057766 | 0.057033 | 0.054792 | 0.057362 | 0.052622 |
| 0.079719 | 0.107351 | 0.059742 | 0.059365 | 0.061424 | 0.060566 | 0.060566 | 0.064984 | 0.064984 | 0.072688 | 0.072688 | 0.060474 | 0.060474 | 0.060569 | 0.060569 | 0.059480 | 0.059480 | 0.056742 | 0.056742 | 0.061306 | 0.061306 | 0.050761 | 0.050761 | 0.050761 | 0.050761 | 0.050761 | 0.050761 | 0.050761 | 0.050761 | 0.050761 | 0.050761 | 0.050761 | 0.050761 | 0.055317 | 0.058319 | 0.058177 | 0.060325 | 0.056355 | 0.058463 | 0.060183 | 0.058486 | 0.059210 | 0.055579 | 0.054385 | 0.055756 | 0.055284 | 0.057243 | 0.056623 | 0.058146 | 0.066553 | 0.051957 | 0.055223 | 0.058036 | 0.050594 | 0.057961 | 0.058262 | 0.060176 | 0.056253 | 0.059187 | 0.057176 | 0.053572 |
| 0.079803 | 0.113595 | 0.060793 | 0.063387 | 0.062411 | 0.063139 | 0.063139 | 0.068586 | 0.068586 | 0.061648 | 0.061648 | 0.056480 | 0.056480 | 0.055989 | 0.055989 | 0.058207 | 0.058207 | 0.058711 | 0.058711 | 0.059584 | 0.059584 | 0.056701 | 0.056701 | 0.056701 | 0.056701 | 0.056701 | 0.056701 | 0.056701 | 0.056701 | 0.056701 | 0.056701 | 0.056701 | 0.056701 | 0.037048 | 0.047220 | 0.058645 | 0.058084 | 0.046505 | 0.060940 | 0.056476 | 0.061055 | 0.060104 | 0.059736 | 0.061648 | 0.060231 | 0.057443 | 0.059109 | 0.060798 | 0.054905 | 0.059812 | 0.056587 | 0.061326 | 0.057809 | 0.056463 | 0.058884 | 0.060725 | 0.052721 | 0.056624 | 0.059452 | 0.057628 | 0.054986 |
| 0.081087 | 0.11864 | 0.060043 | 0.061972 | 0.062927 | 0.065953 | 0.065953 | 0.063917 | 0.063917 | 0.062274 | 0.062274 | 0.056605 | 0.056605 | 0.055422 | 0.055422 | 0.061040 | 0.061040 | 0.064199 | 0.064199 | 0.059970 | 0.059970 | 0.068225 | 0.068225 | 0.068225 | 0.068225 | 0.068225 | 0.068225 | 0.068225 | 0.068225 | 0.068225 | 0.068225 | 0.068225 | 0.068225 | 0.048733 | 0.036969 | 0.029870 | 0.045270 | 0.049319 | 0.083616 | 0.038978 | 0.066495 | 0.058401 | 0.056955 | 0.041435 | 0.056077 | 0.061021 | 0.059816 | 0.058695 | 0.060500 | 0.062871 | 0.059190 | 0.059511 | 0.063545 | 0.059141 | 0.080089 | 0.059570 | 0.056244 | 0.059057 | 0.062826 | 0.059209 | 0.058261 |
| 0.087331 | 0.11873 | 0.046548 | 0.064583 | 0.064866 | 0.051401 | 0.051401 | 0.017233 | 0.017233 | 0.062540 | 0.062540 | 0.062848 | 0.062848 | 0.072560 | 0.072560 | 0.022336 | 0.022336 | 0.060536 | 0.060536 | 0.044280 | 0.044280 | 0.062013 | 0.062013 | 0.062013 | 0.062013 | 0.062013 | 0.062013 | 0.062013 | 0.062013 | 0.062013 | 0.062013 | 0.062013 | 0.062013 | 0.057732 | 0.061625 | 0.056509 | 0.049016 | 0.036594 | 0.070382 | 0.033070 | 0.073718 | 0.039511 | 0.061240 | 0.057121 | 0.062297 | 0.058092 | 0.061185 | 0.056387 | 0.056700 | 0.063758 | 0.054320 | 0.058105 | 0.074164 | 0.059574 | 0.058748 | 0.058698 | 0.060073 | 0.057999 | 0.063078 | 0.059260 | 0.055419 |
| 0.093575 | 0.11882 | 0.058604 | 0.059133 | 0.065127 | 0.073426 | 0.073426 | 0.063953 | 0.063953 | 0.062032 | 0.062032 | 0.067730 | 0.067730 | 0.061616 | 0.061616 | 0.060508 | 0.060508 | 0.060219 | 0.060219 | 0.065457 | 0.065457 | 0.043817 | 0.043817 | 0.043817 | 0.043817 | 0.043817 | 0.043817 | 0.043817 | 0.043817 | 0.043817 | 0.043817 | 0.043817 | 0.043817 | 0.039290 | 0.047278 | 0.041114 | 0.052532 | 0.066368 | 0.067068 | 0.057533 | 0.065272 | 0.054140 | 0.060267 | 0.059487 | 0.048235 | 0.057991 | 0.017473 | 0.039226 | 0.047581 | 0.057930 | 0.055242 | 0.074104 | 0.071513 | 0.091283 | 0.052075 | 0.079732 | 0.063138 | 0.050721 | 0.071892 | 0.065365 | 0.048162 |
| 0.099819 | 0.11891 | 0.058437 | 0.048598 | 0.057594 | 0.052976 | 0.052976 | 0.046427 | 0.046427 | 0.048961 | 0.048961 | 0.018165 | 0.018165 | 0.055645 | 0.055645 | 0.062628 | 0.062628 | 0.039674 | 0.039674 | 0.009443 | 0.009443 | 0.051320 | 0.051320 | 0.051320 | 0.051320 | 0.051320 | 0.051320 | 0.051320 | 0.051320 | 0.051320 | 0.051320 | 0.051320 | 0.051320 | 0.049167 | 0.045198 | 0.094360 | 0.042899 | 0.044355 | 0.075402 | 0.042966 | 0.046023 | 0.042859 | 0.050591 | 0.046842 | 0.038189 | 0.039899 | 0.039337 | 0.034782 | 0.035518 | 0.037683 | 0.046560 | 0.038753 | 0.029861 | 0.099603 | 0.036238 | 0.064758 | 0.020796 | 0.042077 | 0.042832 | 0.056123 | 0.067963 |
| 0.106064 | 0.119 | 0.038806 | 0.054632 | 0.036680 | 0.044650 | 0.044650 | 0.039010 | 0.039010 | 0.037885 | 0.037885 | 0.047800 | 0.047800 | 0.050414 | 0.050414 | 0.055190 | 0.055190 | 0.050764 | 0.050764 | 0.050784 | 0.050784 | 0.039044 | 0.039044 | 0.039044 | 0.039044 | 0.039044 | 0.039044 | 0.039044 | 0.039044 | 0.039044 | 0.039044 | 0.039044 | 0.039044 | 0.035639 | 0.033017 | 0.018670 | 0.006088 | 0.031341 | 0.031336 | 0.032318 | 0.035915 | 0.081956 | 0.037384 | 0.058148 | 0.059640 | 0.034553 | 0.037279 | 0.041547 | 0.041815 | 0.042961 | 0.035079 | 0.082758 | 0.031142 | 0.039772 | 0.064532 | 0.032483 | 0.039201 | 0.049761 | 0.040822 | 0.041307 | 0.040098 |
| 0.112308 | 0.11909 | 0.061645 | 0.043154 | 0.064908 | 0.052414 | 0.052414 | 0.043597 | 0.043597 | 0.051973 | 0.051973 | 0.059031 | 0.059031 | 0.027151 | 0.027151 | 0.050678 | 0.050678 | 0.037001 | 0.037001 | 0.057429 | 0.057429 | 0.021897 | 0.021897 | 0.021897 | 0.021897 | 0.021897 | 0.021897 | 0.021897 | 0.021897 | 0.021897 | 0.021897 | 0.021897 | 0.021897 | 0.029658 | -0.008013 | -0.006215 | 0.037896 | 0.034709 | 0.018349 | 0.014909 | 0.020723 | -0.012945 | 0.012588 | 0.086158 | 0.020036 | 0.027895 | 0.023464 | 0.067683 | 0.038536 | 0.061085 | 0.043937 | 0.073459 | 0.039456 | 0.029317 | 0.026740 | 0.032977 | 0.039317 | 0.036884 | 0.037458 | 0.055272 | 0.040327 |
| 0.118552 | 0.11918 | 0.032871 | 0.034469 | 0.033948 | 0.021651 | 0.021651 | 0.028336 | 0.028336 | 0.024786 | 0.024786 | 0.042869 | 0.042869 | 0.049938 | 0.049938 | 0.046823 | 0.046823 | 0.052967 | 0.052967 | 0.010165 | 0.010165 | 0.045166 | 0.045166 | 0.045166 | 0.045166 | 0.045166 | 0.045166 | 0.045166 | 0.045166 | 0.045166 | 0.045166 | 0.045166 | 0.045166 | 0.044535 | 0.036654 | 0.032988 | 0.032764 | 0.028635 | 0.022148 | 0.010798 | 0.057266 | 0.032605 | 0.021865 | 0.011772 | 0.034772 | 0.060093 | 0.038755 | 0.020359 | 0.029180 | -0.000807 | 0.036484 | 0.000839 | -0.028078 | 0.038064 | 0.035596 | 0.033745 | 0.042335 | 0.039132 | 0.038608 | 0.049342 | 0.008266 |
| 0.124796 | 0.11927 | 0.039541 | 0.040728 | 0.037454 | 0.076135 | 0.076135 | 0.033720 | 0.033720 | 0.036228 | 0.036228 | 0.036381 | 0.036381 | 0.037661 | 0.037661 | 0.046706 | 0.046706 | 0.047749 | 0.047749 | 0.056741 | 0.056741 | 0.048660 | 0.048660 | 0.048660 | 0.048660 | 0.048660 | 0.048660 | 0.048660 | 0.048660 | 0.048660 | 0.048660 | 0.048660 | 0.048660 | 0.049606 | 0.048049 | 0.046529 | 0.047181 | 0.054018 | 0.042674 | 0.038486 | 0.008429 | 0.035954 | 0.040595 | 0.031185 | 0.057589 | 0.042887 | 0.041658 | 0.039285 | 0.030987 | 0.018370 | 0.034929 | 0.020097 | 0.032640 | 0.029226 | 0.027864 | 0.013915 | 0.003401 | 0.040109 | 0.096005 | 0.039246 | 0.023976 |
| 0.13104 | 0.11936 | 0.065642 | 0.022728 | 0.039507 | 0.042047 | 0.042047 | 0.039004 | 0.039004 | 0.035437 | 0.035437 | 0.036721 | 0.036721 | -0.018653 | -0.018653 | 0.031905 | 0.031905 | 0.049677 | 0.049677 | 0.048110 | 0.048110 | 0.050230 | 0.050230 | 0.050230 | 0.050230 | 0.050230 | 0.050230 | 0.050230 | 0.050230 | 0.050230 | 0.050230 | 0.050230 | 0.050230 | 0.045658 | 0.011231 | 0.025110 | 0.052254 | 0.033672 | 0.063990 | 0.052241 | 0.058393 | 0.047718 | 0.080413 | 0.044752 | 0.042016 | 0.025492 | 0.019325 | 0.026329 | 0.034612 | 0.023104 | 0.026862 | 0.041093 | 0.024543 | 0.003365 | 0.039430 | 0.055557 | 0.064777 | 0.029265 | 0.041384 | 0.050444 | 0.040459 |
| 0.137284 | 0.11945 | 0.043211 | 0.049841 | 0.039304 | 0.045632 | 0.045632 | 0.045594 | 0.045594 | 0.052542 | 0.052542 | 0.050115 | 0.050115 | 0.051074 | 0.051074 | 0.049987 | 0.049987 | 0.043862 | 0.043862 | 0.053262 | 0.053262 | 0.048963 | 0.048963 | 0.048963 | 0.048963 | 0.048963 | 0.048963 | 0.048963 | 0.048963 | 0.048963 | 0.048963 | 0.048963 | 0.048963 | 0.041398 | 0.052666 | 0.056304 | 0.042717 | 0.032420 | 0.060961 | 0.053122 | 0.057774 | 0.061079 | 0.054335 | 0.068137 | 0.063140 | 0.055474 | 0.055395 | 0.069695 | 0.055207 | 0.053957 | 0.055227 | 0.035068 | 0.047785 | 0.058324 | -0.012161 | 0.019791 | 0.026311 | 0.055344 | 0.042128 | 0.044314 | 0.047679 |
| 0.143528 | 0.11954 | 0.032866 | 0.031556 | 0.058448 | 0.051262 | 0.051262 | 0.098418 | 0.098418 | 0.048343 | 0.048343 | 0.050280 | 0.050280 | 0.046181 | 0.046181 | 0.031164 | 0.031164 | 0.050928 | 0.050928 | 0.046746 | 0.046746 | 0.067618 | 0.067618 | 0.067618 | 0.067618 | 0.067618 | 0.067618 | 0.067618 | 0.067618 | 0.067618 | 0.067618 | 0.067618 | 0.067618 | 0.048141 | 0.053113 | 0.057910 | 0.060980 | 0.057528 | 0.055645 | 0.046815 | 0.063618 | 0.053169 | 0.010176 | 0.049836 | 0.060936 | 0.080256 | 0.102281 | 0.019783 | 0.003925 | 0.044753 | 0.052489 | 0.033119 | 0.048335 | 0.055588 | 0.049690 | 0.060598 | 0.013771 | 0.053024 | 0.040170 | 0.052856 | 0.072929 |
| 0.149772 | 0.11963 | 0.100079 | 0.048761 | 0.050104 | 0.047847 | 0.047847 | 0.007981 | 0.007981 | 0.022464 | 0.022464 | 0.047511 | 0.047511 | 0.052825 | 0.052825 | 0.057115 | 0.057115 | 0.051484 | 0.051484 | 0.039560 | 0.039560 | 0.066723 | 0.066723 | 0.066723 | 0.066723 | 0.066723 | 0.066723 | 0.066723 | 0.066723 | 0.066723 | 0.066723 | 0.066723 | 0.066723 | 0.032409 | 0.057198 | 0.070937 | 0.057344 | 0.054340 | 0.062348 | 0.056205 | 0.051362 | 0.057158 | 0.025190 | 0.075351 | 0.071255 | 0.051903 | 0.040278 | 0.051803 | 0.050274 | 0.018847 | 0.038573 | 0.044985 | 0.044919 | 0.056208 | 0.052919 | 0.054684 | 0.025122 | 0.042108 | 0.051937 | 0.019451 | 0.058172 |
| 0.156016 | 0.119719 | 0.052130 | 0.073373 | 0.026229 | 0.048139 | 0.048139 | 0.035871 | 0.035871 | 0.044066 | 0.044066 | 0.047145 | 0.047145 | 0.044340 | 0.044340 | 0.097761 | 0.097761 | 0.041965 | 0.041965 | 0.110209 | 0.110209 | 0.054576 | 0.054576 | 0.054576 | 0.054576 | 0.054576 | 0.054576 | 0.054576 | 0.054576 | 0.054576 | 0.054576 | 0.054576 | 0.054576 | 0.055214 | 0.050137 | 0.079296 | 0.043183 | 0.068543 | 0.059800 | 0.051586 | 0.046833 | 0.044187 | 0.042743 | 0.047735 | 0.054226 | 0.039240 | 0.054668 | 0.032218 | 0.045396 | 0.045257 | 0.047482 | 0.044940 | 0.041688 | 0.052015 | 0.052498 | 0.057865 | 0.069946 | 0.019398 | 0.090404 | 0.048556 | 0.046069 |
| 0.159331 | 0.116827 | 0.093297 | 0.061307 | 0.051881 | 0.052191 | 0.052191 | 0.052045 | 0.052045 | 0.044544 | 0.044544 | 0.049173 | 0.049173 | 0.048913 | 0.048913 | 0.055215 | 0.055215 | 0.053245 | 0.053245 | 0.053174 | 0.053174 | 0.054322 | 0.054322 | 0.054322 | 0.054322 | 0.054322 | 0.054322 | 0.054322 | 0.054322 | 0.054322 | 0.054322 | 0.054322 | 0.054322 | 0.056405 | 0.052183 | 0.070903 | 0.043956 | 0.051992 | 0.053937 | 0.077190 | 0.053378 | 0.055175 | 0.058013 | 0.058372 | 0.059368 | -0.009007 | 0.045363 | -0.004434 | 0.054420 | 0.054047 | 0.055516 | 0.057470 | 0.057414 | 0.056919 | 0.055506 | 0.058888 | 0.046552 | 0.013233 | -0.030973 | 0.007008 | 0.036428 |
| 0.159353 | 0.110582 | 0.056676 | 0.054927 | 0.050696 | 0.052671 | 0.052671 | 0.058317 | 0.058317 | 0.055485 | 0.055485 | 0.055567 | 0.055567 | 0.055397 | 0.055397 | 0.063676 | 0.063676 | 0.056766 | 0.056766 | 0.050889 | 0.050889 | 0.060893 | 0.060893 | 0.060893 | 0.060893 | 0.060893 | 0.060893 | 0.060893 | 0.060893 | 0.060893 | 0.060893 | 0.060893 | 0.060893 | 0.055869 | 0.060693 | 0.053633 | 0.057418 | 0.057243 | 0.060578 | 0.060247 | 0.056797 | 0.056982 | 0.056001 | 0.001189 | 0.055932 | 0.056605 | 0.058722 | 0.053044 | 0.064154 | 0.054451 | 0.052003 | 0.050393 | 0.052402 | 0.059792 | 0.044265 | 0.053716 | 0.056087 | 0.036672 | 0.053727 | 0.036340 | 0.055062 |
| 0.159376 | 0.104337 | 0.055472 | 0.056429 | 0.054525 | 0.056689 | 0.056689 | 0.056598 | 0.056598 | 0.053398 | 0.053398 | 0.059581 | 0.059581 | 0.057757 | 0.057757 | 0.055559 | 0.055559 | 0.055027 | 0.055027 | 0.059294 | 0.059294 | 0.057424 | 0.057424 | 0.057424 | 0.057424 | 0.057424 | 0.057424 | 0.057424 | 0.057424 | 0.057424 | 0.057424 | 0.057424 | 0.057424 | 0.054215 | 0.059986 | 0.056919 | 0.027581 | 0.055815 | 0.058117 | 0.057499 | 0.054850 | 0.057113 | 0.055400 | 0.057942 | 0.055863 | 0.052766 | 0.056192 | 0.053624 | 0.058869 | 0.056010 | 0.055865 | 0.054791 | 0.054428 | 0.055047 | 0.056978 | 0.053275 | 0.054346 | 0.058450 | 0.053073 | 0.052124 | 0.055623 |
| 0.159398 | 0.098092 | 0.055835 | 0.053425 | 0.054681 | 0.055840 | 0.055840 | 0.055804 | 0.055804 | 0.054658 | 0.054658 | 0.052392 | 0.052392 | 0.055378 | 0.055378 | 0.053836 | 0.053836 | 0.058102 | 0.058102 | 0.057411 | 0.057411 | 0.054553 | 0.054553 | 0.054553 | 0.054553 | 0.054553 | 0.054553 | 0.054553 | 0.054553 | 0.054553 | 0.054553 | 0.054553 | 0.054553 | 0.070821 | 0.055524 | 0.055208 | 0.055895 | 0.050819 | 0.057989 | 0.057120 | 0.056606 | 0.056702 | 0.054983 | 0.059156 | 0.054404 | 0.056383 | 0.053847 | 0.055384 | 0.053684 | 0.054700 | 0.054538 | 0.054543 | 0.055258 | 0.051980 | 0.055649 | 0.055591 | 0.051221 | 0.055175 | 0.055588 | 0.056162 | 0.053507 |
| 0.159421 | 0.091848 | 0.054082 | 0.055534 | 0.054637 | 0.056767 | 0.056767 | 0.053466 | 0.053466 | 0.053038 | 0.053038 | 0.052707 | 0.052707 | 0.058235 | 0.058235 | 0.060486 | 0.060486 | 0.056820 | 0.056820 | 0.056911 | 0.056911 | 0.056502 | 0.056502 | 0.056502 | 0.056502 | 0.056502 | 0.056502 | 0.056502 | 0.056502 | 0.056502 | 0.056502 | 0.056502 | 0.056502 | 0.053859 | 0.056789 | 0.052806 | 0.053431 | 0.054251 | 0.055168 | 0.057284 | 0.056276 | 0.058856 | 0.052683 | 0.057915 | 0.050670 | 0.055155 | 0.055633 | 0.055643 | 0.055229 | 0.054448 | 0.053123 | 0.052894 | 0.055513 | 0.053142 | 0.056412 | 0.051599 | 0.055713 | 0.054504 | 0.054016 | 0.052798 | 0.056042 |
| 0.159443 | 0.085603 | 0.056430 | 0.054757 | 0.057604 | 0.054624 | 0.054624 | 0.053130 | 0.053130 | 0.056205 | 0.056205 | 0.055910 | 0.055910 | 0.054599 | 0.054599 | 0.056415 | 0.056415 | 0.055731 | 0.055731 | 0.055074 | 0.055074 | 0.056080 | 0.056080 | 0.056080 | 0.056080 | 0.056080 | 0.056080 | 0.056080 | 0.056080 | 0.056080 | 0.056080 | 0.056080 | 0.056080 | 0.052455 | 0.056402 | 0.054319 | 0.055672 | 0.051587 | 0.054139 | 0.051921 | 0.054498 | 0.054906 | 0.053149 | 0.055040 | 0.050578 | 0.053222 | 0.051768 | 0.053245 | 0.053055 | 0.052320 | 0.055757 | 0.052297 | 0.052605 | 0.052173 | 0.053994 | 0.054621 | 0.050711 | 0.054042 | 0.052547 | 0.052224 | 0.052830 |
| 0.159465 | 0.079358 | 0.057776 | 0.055647 | 0.059727 | 0.054802 | 0.054802 | 0.052679 | 0.052679 | 0.053837 | 0.053837 | 0.055636 | 0.055636 | 0.052408 | 0.052408 | 0.055929 | 0.055929 | 0.054349 | 0.054349 | 0.054777 | 0.054777 | 0.052879 | 0.052879 | 0.052879 | 0.052879 | 0.052879 | 0.052879 | 0.052879 | 0.052879 | 0.052879 | 0.052879 | 0.052879 | 0.052879 | 0.050248 | 0.054073 | 0.057559 | 0.055910 | 0.051400 | 0.053908 | 0.051919 | 0.053096 | 0.048604 | 0.054291 | 0.054551 | 0.052650 | 0.052868 | 0.051440 | 0.052463 | 0.051907 | 0.054049 | 0.055343 | 0.052207 | 0.053567 | 0.049652 | 0.051912 | 0.054424 | 0.051233 | 0.054182 | 0.055669 | 0.053287 | 0.052706 |
| 0.159488 | 0.073114 | 0.057048 | 0.054695 | 0.057164 | 0.056941 | 0.056941 | 0.055283 | 0.055283 | 0.055929 | 0.055929 | 0.055795 | 0.055795 | 0.056150 | 0.056150 | 0.054880 | 0.054880 | 0.054574 | 0.054574 | 0.054094 | 0.054094 | 0.054018 | 0.054018 | 0.054018 | 0.054018 | 0.054018 | 0.054018 | 0.054018 | 0.054018 | 0.054018 | 0.054018 | 0.054018 | 0.054018 | 0.051681 | 0.054472 | 0.050076 | 0.056154 | 0.054148 | 0.055850 | 0.055902 | 0.053918 | 0.053855 | 0.056707 | 0.053310 | 0.054673 | 0.053668 | 0.053027 | 0.054016 | 0.054040 | 0.055940 | 0.053652 | 0.053145 | 0.058159 | 0.052563 | 0.055108 | 0.054258 | 0.053191 | 0.051633 | 0.058515 | 0.052409 | 0.054008 |
| 0.15951 | 0.066869 | 0.055320 | 0.053886 | 0.053635 | 0.055945 | 0.055945 | 0.056853 | 0.056853 | 0.055345 | 0.055345 | 0.055409 | 0.055409 | 0.052977 | 0.052977 | 0.052655 | 0.052655 | 0.051791 | 0.051791 | 0.054664 | 0.054664 | 0.057571 | 0.057571 | 0.057571 | 0.057571 | 0.057571 | 0.057571 | 0.057571 | 0.057571 | 0.057571 | 0.057571 | 0.057571 | 0.057571 | 0.053897 | 0.055253 | 0.055584 | 0.055658 | 0.055283 | 0.056535 | 0.053861 | 0.054790 | 0.056507 | 0.054045 | 0.057098 | 0.053744 | 0.056009 | 0.056226 | 0.055675 | 0.054329 | 0.055806 | 0.053086 | 0.054077 | 0.056051 | 0.054862 | 0.056222 | 0.053275 | 0.053935 | 0.054846 | 0.056335 | 0.056085 | 0.052834 |
| 0.159533 | 0.060624 | 0.059175 | 0.054987 | 0.054305 | 0.055815 | 0.055815 | 0.057108 | 0.057108 | 0.057491 | 0.057491 | 0.056987 | 0.056987 | 0.054041 | 0.054041 | 0.055880 | 0.055880 | 0.055355 | 0.055355 | 0.058721 | 0.058721 | 0.056607 | 0.056607 | 0.056607 | 0.056607 | 0.056607 | 0.056607 | 0.056607 | 0.056607 | 0.056607 | 0.056607 | 0.056607 | 0.056607 | 0.057045 | 0.055535 | 0.059309 | 0.052935 | 0.056079 | 0.056321 | 0.055100 | 0.057420 | 0.055443 | 0.054193 | 0.056653 | 0.055860 | 0.053633 | 0.054802 | 0.051337 | 0.051721 | 0.057017 | 0.054484 | 0.057966 | 0.053030 | 0.058003 | 0.051663 | 0.054285 | 0.059213 | 0.052888 | 0.059505 | 0.056228 | 0.057591 |
| 0.157813 | 0.056169 | 0.055958 | 0.058051 | 0.056626 | 0.057973 | 0.057973 | 0.057017 | 0.057017 | 0.058427 | 0.058427 | 0.056026 | 0.056026 | 0.056005 | 0.056005 | 0.054607 | 0.054607 | 0.057426 | 0.057426 | 0.058514 | 0.058514 | 0.059107 | 0.059107 | 0.059107 | 0.059107 | 0.059107 | 0.059107 | 0.059107 | 0.059107 | 0.059107 | 0.059107 | 0.059107 | 0.059107 | 0.056740 | 0.056445 | 0.055810 | 0.056406 | 0.056229 | 0.058594 | 0.057800 | 0.058283 | 0.056522 | 0.054757 | 0.056878 | 0.054510 | 0.054148 | 0.060230 | 0.053821 | 0.054318 | 0.056899 | 0.057652 | 0.054755 | 0.057232 | 0.059085 | 0.053295 | 0.057959 | 0.061060 | 0.055177 | 0.061391 | 0.055575 | 0.060493 |
| 0.151572 | 0.056361 | 0.056499 | 0.057641 | 0.057604 | 0.055683 | 0.055683 | 0.057719 | 0.057719 | 0.056964 | 0.056964 | 0.055670 | 0.055670 | 0.053628 | 0.053628 | 0.055860 | 0.055860 | 0.056250 | 0.056250 | 0.055181 | 0.055181 | 0.056756 | 0.056756 | 0.056756 | 0.056756 | 0.056756 | 0.056756 | 0.056756 | 0.056756 | 0.056756 | 0.056756 | 0.056756 | 0.056756 | 0.055053 | 0.055998 | 0.055498 | 0.056919 | 0.054795 | 0.056420 | 0.054812 | 0.053705 | 0.056834 | 0.053478 | 0.056289 | 0.057482 | 0.055284 | 0.055611 | 0.057779 | 0.055248 | 0.062528 | 0.057598 | 0.058492 | 0.058787 | 0.061467 | 0.053963 | 0.063083 | 0.055858 | 0.058400 | 0.056578 | 0.058578 | 0.058689 |
| 0.14533 | 0.056552 | 0.056637 | 0.059172 | 0.057602 | 0.053044 | 0.053044 | 0.053223 | 0.053223 | 0.057302 | 0.057302 | 0.056086 | 0.056086 | 0.054305 | 0.054305 | 0.052248 | 0.052248 | 0.059562 | 0.059562 | 0.053102 | 0.053102 | 0.053990 | 0.053990 | 0.053990 | 0.053990 | 0.053990 | 0.053990 | 0.053990 | 0.053990 | 0.053990 | 0.053990 | 0.053990 | 0.053990 | 0.052842 | 0.055166 | 0.052683 | 0.057415 | 0.050101 | 0.053326 | 0.047651 | 0.053618 | 0.053367 | 0.052763 | 0.052675 | 0.053161 | 0.051734 | 0.051886 | 0.053982 | 0.050488 | 0.053696 | 0.053935 | 0.050431 | 0.054286 | 0.055529 | 0.050241 | 0.055176 | 0.044120 | 0.049549 | 0.049762 | 0.029583 | 0.043444 |
| 0.139088 | 0.056744 | 0.052974 | 0.053706 | 0.053932 | 0.055156 | 0.055156 | 0.055430 | 0.055430 | 0.054994 | 0.054994 | 0.059274 | 0.059274 | 0.053056 | 0.053056 | 0.052548 | 0.052548 | 0.056085 | 0.056085 | 0.053541 | 0.053541 | 0.046051 | 0.046051 | 0.046051 | 0.046051 | 0.046051 | 0.046051 | 0.046051 | 0.046051 | 0.046051 | 0.046051 | 0.046051 | 0.046051 | 0.044962 | 0.047800 | 0.053047 | 0.049176 | 0.044610 | 0.045585 | 0.051085 | 0.045295 | 0.047480 | 0.044539 | 0.046080 | 0.043502 | 0.044256 | 0.024223 | 0.046840 | 0.047192 | 0.046348 | 0.048033 | 0.044273 | 0.045827 | 0.045594 | 0.040024 | 0.036602 | 0.027222 | 0.038563 | 0.039773 | 0.029860 | 0.042849 |
| 0.132846 | 0.056935 | 0.029812 | 0.015476 | 0.031105 | 0.034087 | 0.034087 | 0.030260 | 0.030260 | 0.030302 | 0.030302 | 0.035036 | 0.035036 | 0.030654 | 0.030654 | 0.031915 | 0.031915 | 0.039334 | 0.039334 | 0.047402 | 0.047402 | 0.029884 | 0.029884 | 0.029884 | 0.029884 | 0.029884 | 0.029884 | 0.029884 | 0.029884 | 0.029884 | 0.029884 | 0.029884 | 0.029884 | 0.020314 | 0.029071 | 0.035651 | 0.024881 | 0.020997 | 0.031980 | 0.036074 | 0.030070 | 0.038668 | 0.016042 | 0.008488 | 0.031265 | 0.029427 | 0.011259 | 0.032795 | 0.026857 | 0.027747 | 0.029642 | 0.036612 | 0.034940 | 0.024316 | 0.022708 | 0.017229 | 0.012127 | 0.022401 | -0.005236 | 0.018660 | 0.017752 |
| 0.126605 | 0.057127 | 0.032610 | 0.024875 | 0.040266 | 0.024962 | 0.024962 | 0.011528 | 0.011528 | 0.023201 | 0.023201 | 0.027629 | 0.027629 | 0.025780 | 0.025780 | 0.025241 | 0.025241 | 0.028170 | 0.028170 | 0.038576 | 0.038576 | 0.079967 | 0.079967 | 0.079967 | 0.079967 | 0.079967 | 0.079967 | 0.079967 | 0.079967 | 0.079967 | 0.079967 | 0.079967 | 0.079967 | 0.019046 | 0.025334 | 0.027334 | 0.023499 | 0.019538 | 0.038694 | 0.020162 | 0.021425 | 0.026213 | 0.020984 | 0.022570 | 0.015962 | 0.012189 | 0.019178 | 0.017348 | 0.023181 | 0.010424 | 0.015542 | 0.014908 | 0.012333 | 0.022188 | 0.012840 | 0.086814 | 0.019737 | 0.027086 | 0.027251 | 0.019617 | 0.020700 |
| 0.120363 | 0.057318 | 0.041923 | 0.032861 | 0.019155 | 0.011445 | 0.011445 | 0.051278 | 0.051278 | 0.001928 | 0.001928 | 0.027637 | 0.027637 | -0.001552 | -0.001552 | 0.037087 | 0.037087 | 0.035245 | 0.035245 | 0.034237 | 0.034237 | 0.036320 | 0.036320 | 0.036320 | 0.036320 | 0.036320 | 0.036320 | 0.036320 | 0.036320 | 0.036320 | 0.036320 | 0.036320 | 0.036320 | 0.034681 | 0.033946 | 0.034114 | 0.038756 | 0.032615 | 0.033780 | 0.033393 | 0.039043 | 0.033082 | 0.033266 | 0.039479 | 0.038091 | 0.025416 | 0.028655 | 0.028693 | 0.033033 | 0.030982 | 0.027257 | 0.027291 | 0.029913 | 0.031640 | 0.025190 | 0.026505 | 0.029272 | 0.030635 | 0.027372 | 0.027902 | 0.021374 |
| 0.114121 | 0.057509 | 0.072609 | 0.026312 | 0.023170 | 0.080139 | 0.080139 | 0.034853 | 0.034853 | 0.035626 | 0.035626 | 0.050454 | 0.050454 | 0.038999 | 0.038999 | 0.042729 | 0.042729 | 0.043712 | 0.043712 | 0.039362 | 0.039362 | 0.044838 | 0.044838 | 0.044838 | 0.044838 | 0.044838 | 0.044838 | 0.044838 | 0.044838 | 0.044838 | 0.044838 | 0.044838 | 0.044838 | 0.043896 | 0.043357 | 0.043267 | 0.044096 | 0.044377 | 0.043883 | 0.045811 | 0.046276 | 0.047376 | 0.039400 | 0.045959 | 0.050277 | 0.048305 | 0.051852 | 0.048517 | 0.046113 | 0.044131 | 0.040729 | 0.039749 | 0.040981 | 0.040688 | 0.030075 | 0.034485 | 0.025552 | 0.029125 | 0.033265 | 0.017269 | 0.023549 |
| 0.107879 | 0.057701 | 0.025595 | 0.017005 | 0.016485 | -0.000175 | -0.000175 | 0.022932 | 0.022932 | 0.032399 | 0.032399 | 0.028965 | 0.028965 | 0.033355 | 0.033355 | 0.040460 | 0.040460 | 0.040793 | 0.040793 | 0.045961 | 0.045961 | 0.046754 | 0.046754 | 0.046754 | 0.046754 | 0.046754 | 0.046754 | 0.046754 | 0.046754 | 0.046754 | 0.046754 | 0.046754 | 0.046754 | 0.052625 | 0.047331 | 0.052350 | 0.049341 | 0.049477 | 0.050883 | 0.050938 | 0.047628 | 0.048468 | 0.051438 | 0.052228 | 0.054462 | 0.052127 | 0.052157 | 0.056977 | 0.052537 | 0.052388 | 0.058667 | 0.051333 | 0.057631 | 0.062945 | 0.052617 | 0.061973 | 0.025943 | 0.048216 | 0.019538 | 0.031441 | 0.009586 |
| 0.101637 | 0.057892 | 0.029299 | 0.025416 | 0.028118 | 0.033172 | 0.033172 | 0.037305 | 0.037305 | 0.046843 | 0.046843 | 0.047905 | 0.047905 | 0.047560 | 0.047560 | 0.049501 | 0.049501 | 0.043641 | 0.043641 | 0.047923 | 0.047923 | 0.054598 | 0.054598 | 0.054598 | 0.054598 | 0.054598 | 0.054598 | 0.054598 | 0.054598 | 0.054598 | 0.054598 | 0.054598 | 0.054598 | 0.052770 | 0.055522 | 0.051949 | 0.052555 | 0.055957 | 0.052468 | 0.055453 | 0.052337 | 0.054013 | 0.056872 | 0.056186 | 0.057582 | 0.053814 | 0.053999 | 0.055822 | 0.049602 | 0.055213 | 0.053152 | 0.058927 | 0.055554 | 0.055622 | 0.056044 | 0.059313 | 0.059891 | 0.057352 | 0.059425 | 0.056085 | 0.060065 |
| 0.095396 | 0.058084 | 0.042832 | 0.045654 | 0.053107 | 0.047604 | 0.047604 | 0.049131 | 0.049131 | 0.050710 | 0.050710 | 0.048937 | 0.048937 | 0.042878 | 0.042878 | 0.052972 | 0.052972 | 0.055357 | 0.055357 | 0.051676 | 0.051676 | 0.058423 | 0.058423 | 0.058423 | 0.058423 | 0.058423 | 0.058423 | 0.058423 | 0.058423 | 0.058423 | 0.058423 | 0.058423 | 0.058423 | 0.054244 | 0.056309 | 0.054583 | 0.056616 | 0.050041 | 0.055800 | 0.054291 | 0.056024 | 0.060262 | 0.050527 | 0.053923 | 0.053202 | 0.053567 | 0.053018 | 0.053943 | 0.052004 | 0.055719 | 0.054436 | 0.057740 | 0.052768 | 0.056249 | 0.054102 | 0.053218 | 0.056931 | 0.053056 | 0.062654 | 0.054899 | 0.052997 |
| 0.089154 | 0.058275 | 0.056013 | 0.053772 | 0.053946 | 0.047550 | 0.047550 | 0.045997 | 0.045997 | 0.053945 | 0.053945 | 0.057703 | 0.057703 | 0.053399 | 0.053399 | 0.052810 | 0.052810 | 0.050678 | 0.050678 | 0.063359 | 0.063359 | 0.062995 | 0.062995 | 0.062995 | 0.062995 | 0.062995 | 0.062995 | 0.062995 | 0.062995 | 0.062995 | 0.062995 | 0.062995 | 0.062995 | 0.052234 | 0.052262 | 0.095568 | 0.055057 | 0.053286 | 0.055849 | 0.055317 | 0.053268 | 0.052346 | 0.056158 | 0.058256 | 0.053254 | 0.056104 | 0.053274 | 0.057875 | 0.054405 | 0.056998 | 0.058089 | 0.056375 | 0.054457 | 0.059961 | 0.056291 | 0.055973 | 0.056938 | 0.056508 | 0.055398 | 0.053743 | 0.050141 |
| 0.084916 | 0.060402 | 0.055831 | 0.057736 | 0.053647 | 0.057103 | 0.057103 | 0.052706 | 0.052706 | 0.053217 | 0.053217 | 0.053249 | 0.053249 | 0.056230 | 0.056230 | 0.055548 | 0.055548 | 0.052895 | 0.052895 | 0.054833 | 0.054833 | 0.054986 | 0.054986 | 0.054986 | 0.054986 | 0.054986 | 0.054986 | 0.054986 | 0.054986 | 0.054986 | 0.054986 | 0.054986 | 0.054986 | 0.057384 | 0.054892 | 0.056189 | 0.057334 | 0.055324 | 0.056811 | 0.059503 | 0.053539 | 0.052996 | 0.056195 | 0.058563 | 0.056872 | 0.054622 | 0.055126 | 0.071648 | 0.051741 | 0.056405 | 0.055458 | 0.056095 | 0.057852 | 0.057869 | 0.056214 | 0.052698 | 0.056782 | 0.056741 | 0.056597 | 0.057361 | 0.056236 |
| 0.084941 | 0.066647 | 0.056436 | 0.056820 | 0.058684 | 0.058372 | 0.058372 | 0.056654 | 0.056654 | 0.055494 | 0.055494 | 0.055379 | 0.055379 | 0.053730 | 0.053730 | 0.056143 | 0.056143 | 0.056059 | 0.056059 | 0.052531 | 0.052531 | 0.051928 | 0.051928 | 0.051928 | 0.051928 | 0.051928 | 0.051928 | 0.051928 | 0.051928 | 0.051928 | 0.051928 | 0.051928 | 0.051928 | 0.054919 | 0.053897 | 0.055163 | 0.056124 | 0.060864 | 0.055934 | 0.058205 | 0.055553 | 0.056491 | 0.055783 | 0.055903 | 0.054674 | 0.054680 | 0.052399 | 0.056354 | 0.054295 | 0.056362 | 0.055468 | 0.057495 | 0.056738 | 0.057575 | 0.053751 | 0.055654 | 0.056539 | 0.056431 | 0.056218 | 0.053175 | 0.058226 |
| 0.084967 | 0.072892 | 0.056963 | 0.058582 | 0.057926 | 0.058200 | 0.058200 | 0.054797 | 0.054797 | 0.058301 | 0.058301 | 0.057154 | 0.057154 | 0.055783 | 0.055783 | 0.058640 | 0.058640 | 0.056283 | 0.056283 | 0.053218 | 0.053218 | 0.057980 | 0.057980 | 0.057980 | 0.057980 | 0.057980 | 0.057980 | 0.057980 | 0.057980 | 0.057980 | 0.057980 | 0.057980 | 0.057980 | 0.055588 | 0.056757 | 0.054076 | 0.053444 | 0.053600 | 0.059990 | 0.053360 | 0.054582 | 0.051063 | 0.059919 | 0.055728 | 0.053940 | 0.057714 | 0.054162 | 0.057117 | 0.056247 | 0.056772 | 0.056204 | 0.056931 | 0.055333 | 0.056477 | 0.053900 | 0.056768 | 0.051853 | 0.059664 | 0.054648 | 0.055802 | 0.057948 |
| 0.084992 | 0.079136 | 0.057990 | 0.055168 | 0.057780 | 0.058564 | 0.058564 | 0.055017 | 0.055017 | 0.054628 | 0.054628 | 0.058863 | 0.058863 | 0.059008 | 0.059008 | 0.058258 | 0.058258 | 0.057673 | 0.057673 | 0.055605 | 0.055605 | 0.055520 | 0.055520 | 0.055520 | 0.055520 | 0.055520 | 0.055520 | 0.055520 | 0.055520 | 0.055520 | 0.055520 | 0.055520 | 0.055520 | 0.054585 | 0.056979 | 0.056840 | 0.056407 | 0.055944 | 0.056003 | 0.056195 | 0.056592 | 0.053849 | 0.054688 | 0.056920 | 0.057547 | 0.051013 | 0.056705 | 0.052673 | 0.054710 | 0.056248 | 0.056244 | 0.056152 | 0.055902 | 0.057208 | 0.055503 | 0.055541 | 0.057190 | 0.056025 | 0.056206 | 0.054757 | 0.054580 |
| 0.085017 | 0.085381 | 0.056741 | 0.058366 | 0.059652 | 0.055770 | 0.055770 | 0.058817 | 0.058817 | 0.055587 | 0.055587 | 0.052883 | 0.052883 | 0.057529 | 0.057529 | 0.059576 | 0.059576 | 0.052013 | 0.052013 | 0.055784 | 0.055784 | 0.050499 | 0.050499 | 0.050499 | 0.050499 | 0.050499 | 0.050499 | 0.050499 | 0.050499 | 0.050499 | 0.050499 | 0.050499 | 0.050499 | 0.055204 | 0.056047 | 0.057989 | 0.052352 | 0.054887 | 0.056123 | 0.054002 | 0.054193 | 0.057765 | 0.053705 | 0.054844 | 0.060929 | 0.055560 | 0.054210 | 0.055391 | 0.057157 | 0.057069 | 0.057374 | 0.057009 | 0.054995 | 0.055616 | 0.055514 | 0.055740 | 0.056157 | 0.058140 | 0.056652 | 0.057976 | 0.055259 |
| 0.085043 | 0.091626 | 0.059705 | 0.058777 | 0.058632 | 0.059497 | 0.059497 | 0.056363 | 0.056363 | 0.060408 | 0.060408 | 0.056219 | 0.056219 | 0.052797 | 0.052797 | 0.057348 | 0.057348 | 0.056322 | 0.056322 | 0.052074 | 0.052074 | 0.053080 | 0.053080 | 0.053080 | 0.053080 | 0.053080 | 0.053080 | 0.053080 | 0.053080 | 0.053080 | 0.053080 | 0.053080 | 0.053080 | 0.057454 | 0.053243 | 0.058532 | 0.053941 | 0.054850 | 0.053077 | 0.052417 | 0.052960 | 0.043437 | 0.059606 | 0.054454 | 0.053533 | 0.054832 | 0.056855 | 0.054885 | 0.051089 | 0.055922 | 0.057385 | 0.057289 | 0.057822 | 0.055339 | 0.055096 | 0.053075 | 0.057446 | 0.055382 | 0.056395 | 0.055534 | 0.056346 |
| 0.085068 | 0.09787 | 0.061262 | 0.058052 | 0.056532 | 0.066480 | 0.066480 | 0.061757 | 0.061757 | 0.053821 | 0.053821 | 0.054740 | 0.054740 | 0.056122 | 0.056122 | 0.061092 | 0.061092 | 0.052576 | 0.052576 | 0.057908 | 0.057908 | 0.060476 | 0.060476 | 0.060476 | 0.060476 | 0.060476 | 0.060476 | 0.060476 | 0.060476 | 0.060476 | 0.060476 | 0.060476 | 0.060476 | 0.055775 | 0.057742 | 0.059208 | 0.054044 | 0.056363 | 0.055796 | 0.058521 | 0.057941 | 0.053423 | 0.055037 | 0.058175 | 0.054200 | 0.058669 | 0.041079 | 0.051900 | 0.052292 | 0.056287 | 0.056850 | 0.052941 | 0.054731 | 0.052864 | 0.051947 | 0.059272 | 0.052892 | 0.055566 | 0.056862 | 0.057490 | 0.056417 |
| 0.085094 | 0.104115 | 0.051930 | 0.056132 | 0.082949 | 0.051983 | 0.051983 | 0.045556 | 0.045556 | 0.052047 | 0.052047 | 0.056797 | 0.056797 | 0.061396 | 0.061396 | 0.056735 | 0.056735 | 0.056236 | 0.056236 | 0.061787 | 0.061787 | 0.059599 | 0.059599 | 0.059599 | 0.059599 | 0.059599 | 0.059599 | 0.059599 | 0.059599 | 0.059599 | 0.059599 | 0.059599 | 0.059599 | 0.055492 | 0.054875 | 0.058068 | 0.056239 | 0.057105 | 0.052783 | 0.054567 | 0.060645 | 0.056457 | 0.057354 | 0.058100 | 0.057255 | 0.056458 | 0.052202 | 0.055744 | 0.054904 | 0.053930 | 0.055232 | 0.054010 | 0.088648 | 0.044211 | 0.054869 | 0.048914 | 0.060168 | 0.051990 | 0.054490 | 0.054438 | 0.058368 |
| 0.085119 | 0.11036 | 0.050245 | 0.064636 | 0.064560 | 0.077837 | 0.077837 | 0.054451 | 0.054451 | 0.031444 | 0.031444 | 0.011940 | 0.011940 | 0.068048 | 0.068048 | 0.062280 | 0.062280 | 0.049018 | 0.049018 | 0.059077 | 0.059077 | 0.055460 | 0.055460 | 0.055460 | 0.055460 | 0.055460 | 0.055460 | 0.055460 | 0.055460 | 0.055460 | 0.055460 | 0.055460 | 0.055460 | 0.058360 | 0.057225 | 0.062975 | 0.061362 | 0.054722 | 0.058658 | 0.056677 | 0.046762 | 0.058556 | 0.060320 | 0.059849 | 0.056071 | 0.062107 | 0.058176 | 0.058067 | 0.063588 | 0.061964 | 0.055251 | 0.058364 | 0.068546 | 0.055887 | 0.044399 | 0.042323 | 0.056375 | 0.055788 | 0.112921 | 0.055012 | 0.045855 |
| 0.087011 | 0.11473 | 0.062984 | 0.053877 | 0.069590 | 0.012587 | 0.012587 | 0.135438 | 0.135438 | 0.059173 | 0.059173 | 0.051546 | 0.051546 | 0.013086 | 0.013086 | 0.000951 | 0.000951 | 0.072940 | 0.072940 | -0.016652 | -0.016652 | 0.052923 | 0.052923 | 0.052923 | 0.052923 | 0.052923 | 0.052923 | 0.052923 | 0.052923 | 0.052923 | 0.052923 | 0.052923 | 0.052923 | 0.056309 | 0.011899 | 0.056636 | 0.051979 | 0.073509 | 0.003943 | 0.054603 | 0.061232 | 0.066709 | 0.060755 | 0.061441 | 0.046711 | 0.076779 | 0.044271 | 0.110008 | 0.066399 | 0.051275 | 0.050493 | 0.058876 | 0.062637 | 0.059606 | 0.055569 | 0.057168 | 0.057428 | 0.055428 | 0.053599 | 0.005648 | 0.049213 |
| 0.093256 | 0.11473 | 0.081462 | 0.035290 | 0.056656 | 0.056467 | 0.056467 | 0.064054 | 0.064054 | 0.060348 | 0.060348 | 0.073407 | 0.073407 | 0.066341 | 0.066341 | 0.049425 | 0.049425 | 0.020834 | 0.020834 | 0.081384 | 0.081384 | 0.064528 | 0.064528 | 0.064528 | 0.064528 | 0.064528 | 0.064528 | 0.064528 | 0.064528 | 0.064528 | 0.064528 | 0.064528 | 0.064528 | 0.059877 | 0.059410 | 0.058268 | 0.061649 | 0.061206 | 0.060478 | 0.053133 | 0.063769 | 0.074724 | 0.050537 | 0.036899 | 0.047982 | 0.055206 | 0.056182 | 0.059041 | 0.054451 | 0.039181 | 0.061243 | 0.056687 | 0.052203 | 0.058008 | 0.048037 | 0.051096 | 0.058444 | 0.059268 | 0.054611 | 0.055724 | 0.057130 |
| 0.099501 | 0.11473 | 0.042637 | 0.044751 | 0.058074 | 0.049186 | 0.049186 | 0.050887 | 0.050887 | 0.053965 | 0.053965 | 0.060553 | 0.060553 | 0.022385 | 0.022385 | 0.058226 | 0.058226 | 0.050621 | 0.050621 | 0.040183 | 0.040183 | 0.056094 | 0.056094 | 0.056094 | 0.056094 | 0.056094 | 0.056094 | 0.056094 | 0.056094 | 0.056094 | 0.056094 | 0.056094 | 0.056094 | 0.048211 | 0.046995 | 0.046349 | 0.044419 | 0.047723 | 0.043518 | 0.040023 | 0.040883 | 0.044619 | 0.039732 | 0.039486 | 0.040134 | 0.045391 | 0.039113 | 0.029796 | -0.001262 | 0.038461 | 0.094750 | 0.036624 | -0.030912 | 0.044848 | 0.036844 | 0.037108 | 0.047393 | 0.048562 | 0.055980 | 0.059655 | -0.020755 |
| 0.105745 | 0.11473 | 0.048135 | 0.040711 | 0.040115 | 0.045450 | 0.045450 | 0.048321 | 0.048321 | 0.059685 | 0.059685 | 0.044822 | 0.044822 | 0.060776 | 0.060776 | 0.061958 | 0.061958 | 0.017685 | 0.017685 | 0.044864 | 0.044864 | 0.033368 | 0.033368 | 0.033368 | 0.033368 | 0.033368 | 0.033368 | 0.033368 | 0.033368 | 0.033368 | 0.033368 | 0.033368 | 0.033368 | 0.010597 | 0.041728 | 0.025211 | 0.034906 | 0.030139 | 0.033188 | 0.033628 | 0.026218 | 0.028779 | 0.042978 | 0.030676 | 0.058445 | 0.036430 | 0.031842 | 0.040391 | 0.031366 | 0.038864 | 0.031747 | 0.034839 | 0.035746 | 0.041159 | 0.038571 | 0.008498 | 0.028711 | 0.040590 | 0.034480 | 0.037119 | 0.036953 |
| 0.11199 | 0.11473 | 0.126567 | 0.055436 | 0.036142 | 0.046950 | 0.046950 | 0.053921 | 0.053921 | 0.055390 | 0.055390 | 0.058103 | 0.058103 | 0.052570 | 0.052570 | 0.047975 | 0.047975 | -0.030084 | -0.030084 | 0.038128 | 0.038128 | 0.056748 | 0.056748 | 0.056748 | 0.056748 | 0.056748 | 0.056748 | 0.056748 | 0.056748 | 0.056748 | 0.056748 | 0.056748 | 0.056748 | 0.018647 | 0.016640 | 0.039803 | 0.039212 | 0.035399 | 0.084369 | 0.030922 | 0.036190 | 0.103833 | 0.019642 | 0.053934 | 0.036218 | 0.071253 | 0.030655 | 0.041740 | 0.042357 | -0.035719 | 0.026990 | 0.039228 | 0.036286 | 0.048338 | 0.045695 | 0.028497 | 0.037155 | 0.092350 | 0.045287 | 0.039067 | -0.019753 |
| 0.118235 | 0.11473 | 0.045641 | 0.045621 | 0.041246 | 0.012361 | 0.012361 | 0.039710 | 0.039710 | 0.048645 | 0.048645 | 0.049126 | 0.049126 | 0.055648 | 0.055648 | 0.045763 | 0.045763 | 0.047207 | 0.047207 | -0.018491 | -0.018491 | 0.000576 | 0.000576 | 0.000576 | 0.000576 | 0.000576 | 0.000576 | 0.000576 | 0.000576 | 0.000576 | 0.000576 | 0.000576 | 0.000576 | 0.042836 | 0.043529 | 0.037723 | 0.038865 | 0.007193 | -0.012495 | -0.001258 | 0.040775 | 0.037795 | 0.031922 | 0.033903 | 0.056554 | 0.026908 | 0.037064 | 0.053930 | -0.004065 | 0.035239 | 0.032698 | 0.003292 | 0.032358 | 0.032174 | 0.036103 | 0.043033 | 0.029559 | 0.069343 | 0.033499 | 0.032347 | 0.035330 |
| 0.12448 | 0.11473 | 0.027654 | 0.037812 | 0.037732 | 0.038869 | 0.038869 | 0.040085 | 0.040085 | 0.045725 | 0.045725 | 0.047380 | 0.047380 | 0.050005 | 0.050005 | 0.046113 | 0.046113 | 0.045813 | 0.045813 | 0.073067 | 0.073067 | 0.048462 | 0.048462 | 0.048462 | 0.048462 | 0.048462 | 0.048462 | 0.048462 | 0.048462 | 0.048462 | 0.048462 | 0.048462 | 0.048462 | 0.049274 | 0.044588 | 0.042863 | 0.044091 | 0.046054 | 0.039700 | 0.029829 | 0.103594 | 0.029717 | 0.083078 | 0.034943 | -0.021779 | 0.032657 | 0.034302 | 0.030577 | 0.009253 | 0.030950 | 0.032611 | 0.042093 | 0.051579 | 0.045099 | 0.038332 | 0.036146 | 0.025364 | 0.030762 | 0.038705 | 0.032937 | 0.034484 |
| 0.130724 | 0.11473 | 0.039277 | 0.038917 | 0.037890 | 0.035858 | 0.035858 | 0.039016 | 0.039016 | 0.016773 | 0.016773 | 0.042706 | 0.042706 | 0.040079 | 0.040079 | 0.042902 | 0.042902 | 0.045978 | 0.045978 | 0.047676 | 0.047676 | 0.045397 | 0.045397 | 0.045397 | 0.045397 | 0.045397 | 0.045397 | 0.045397 | 0.045397 | 0.045397 | 0.045397 | 0.045397 | 0.045397 | 0.044004 | 0.048941 | 0.045792 | 0.017218 | 0.011826 | 0.014825 | 0.033255 | 0.037552 | 0.034512 | 0.043284 | 0.027652 | 0.032637 | 0.033426 | 0.030545 | 0.030920 | 0.028076 | 0.029336 | 0.015219 | 0.014359 | 0.018346 | 0.023681 | 0.011835 | 0.024881 | 0.028760 | 0.032932 | 0.035283 | 0.029648 | 0.031879 |
| 0.136969 | 0.11473 | 0.051486 | 0.058252 | 0.043994 | 0.044398 | 0.044398 | 0.054233 | 0.054233 | 0.056258 | 0.056258 | 0.048881 | 0.048881 | 0.050605 | 0.050605 | 0.052218 | 0.052218 | 0.051121 | 0.051121 | 0.071725 | 0.071725 | 0.050856 | 0.050856 | 0.050856 | 0.050856 | 0.050856 | 0.050856 | 0.050856 | 0.050856 | 0.050856 | 0.050856 | 0.050856 | 0.050856 | 0.045731 | 0.050647 | 0.056746 | 0.050224 | 0.051143 | 0.064210 | 0.052577 | 0.054490 | 0.060078 | 0.056629 | 0.051488 | 0.048893 | 0.053397 | 0.055930 | 0.051157 | 0.045204 | 0.006593 | 0.041123 | 0.043560 | 0.049516 | 0.055838 | 0.041798 | 0.023452 | 0.038331 | 0.045276 | 0.042733 | 0.043357 | 0.034082 |
| 0.143214 | 0.11473 | 0.053739 | 0.051037 | 0.052976 | 0.050887 | 0.050887 | 0.052736 | 0.052736 | 0.050941 | 0.050941 | 0.062658 | 0.062658 | 0.082736 | 0.082736 | 0.054010 | 0.054010 | 0.048442 | 0.048442 | 0.055242 | 0.055242 | 0.054827 | 0.054827 | 0.054827 | 0.054827 | 0.054827 | 0.054827 | 0.054827 | 0.054827 | 0.054827 | 0.054827 | 0.054827 | 0.054827 | 0.060583 | 0.052487 | 0.056015 | 0.059976 | 0.055965 | 0.053601 | 0.051039 | 0.055883 | 0.052232 | 0.069425 | 0.055265 | 0.053828 | 0.053759 | 0.061699 | 0.056460 | 0.049259 | 0.040743 | 0.054109 | 0.055048 | 0.063581 | 0.054669 | 0.050047 | 0.053019 | 0.044979 | 0.048088 | 0.048220 | 0.054070 | 0.088019 |
| 0.149459 | 0.11473 | 0.048547 | 0.057514 | 0.052848 | 0.053464 | 0.053464 | 0.050031 | 0.050031 | 0.053125 | 0.053125 | 0.050284 | 0.050284 | 0.055350 | 0.055350 | 0.057533 | 0.057533 | 0.054248 | 0.054248 | 0.060676 | 0.060676 | 0.063338 | 0.063338 | 0.063338 | 0.063338 | 0.063338 | 0.063338 | 0.063338 | 0.063338 | 0.063338 | 0.063338 | 0.063338 | 0.063338 | 0.064218 | 0.054038 | 0.064303 | 0.054384 | 0.059720 | 0.050991 | 0.059414 | 0.063073 | 0.054236 | 0.058863 | 0.064333 | -0.015341 | 0.050686 | 0.055407 | 0.046303 | 0.108616 | 0.082797 | 0.064440 | 0.057895 | 0.057046 | 0.063609 | 0.054754 | 0.060919 | 0.055222 | 0.061515 | 0.057738 | 0.054040 | 0.060608 |
| 0.155655 | 0.114683 | 0.054231 | 0.051203 | 0.054280 | 0.051046 | 0.051046 | 0.053525 | 0.053525 | 0.049021 | 0.049021 | 0.049218 | 0.049218 | 0.056291 | 0.056291 | 0.054809 | 0.054809 | 0.055271 | 0.055271 | 0.051525 | 0.051525 | 0.055806 | 0.055806 | 0.055806 | 0.055806 | 0.055806 | 0.055806 | 0.055806 | 0.055806 | 0.055806 | 0.055806 | 0.055806 | 0.055806 | 0.056075 | 0.055357 | 0.055898 | 0.044069 | 0.057082 | 0.049935 | 0.057967 | 0.049987 | 0.050431 | 0.056702 | 0.059626 | 0.053273 | 0.050507 | 0.026038 | 0.046847 | 0.055113 | 0.055681 | 0.053127 | 0.053387 | 0.049801 | 0.054007 | 0.048246 | 0.052044 | 0.052315 | 0.040941 | 0.053816 | 0.080667 | 0.048336 |
| 0.155435 | 0.108442 | 0.058621 | 0.053565 | 0.053186 | 0.054375 | 0.054375 | 0.054958 | 0.054958 | 0.056167 | 0.056167 | 0.055921 | 0.055921 | 0.053609 | 0.053609 | 0.058433 | 0.058433 | 0.054111 | 0.054111 | 0.056142 | 0.056142 | 0.059495 | 0.059495 | 0.059495 | 0.059495 | 0.059495 | 0.059495 | 0.059495 | 0.059495 | 0.059495 | 0.059495 | 0.059495 | 0.059495 | 0.059928 | 0.060046 | 0.055586 | 0.060221 | 0.058181 | 0.056919 | 0.060258 | 0.055532 | 0.056329 | 0.058108 | 0.060262 | 0.055238 | 0.057507 | 0.058230 | 0.052279 | 0.054557 | 0.055720 | 0.050294 | 0.049482 | 0.051546 | 0.056823 | 0.055119 | 0.053488 | 0.058295 | 0.055536 | 0.055048 | 0.053530 | 0.054578 |
| 0.155215 | 0.102202 | 0.054082 | 0.056489 | 0.054368 | 0.055328 | 0.055328 | 0.055646 | 0.055646 | 0.049893 | 0.049893 | 0.055513 | 0.055513 | 0.056897 | 0.056897 | 0.054638 | 0.054638 | 0.054302 | 0.054302 | 0.056761 | 0.056761 | 0.053161 | 0.053161 | 0.053161 | 0.053161 | 0.053161 | 0.053161 | 0.053161 | 0.053161 | 0.053161 | 0.053161 | 0.053161 | 0.053161 | 0.053769 | 0.055111 | 0.053860 | 0.056028 | 0.056737 | 0.051986 | 0.054880 | 0.057338 | 0.055701 | 0.053728 | 0.059092 | 0.055280 | 0.053860 | 0.056743 | 0.055694 | 0.057207 | 0.054460 | 0.055639 | 0.054182 | 0.052046 | 0.053992 | 0.056643 | 0.053132 | 0.053751 | 0.056300 | 0.053748 | 0.055485 | 0.052539 |
| 0.154995 | 0.095961 | 0.054857 | 0.056521 | 0.055529 | 0.055134 | 0.055134 | 0.052541 | 0.052541 | 0.052770 | 0.052770 | 0.047624 | 0.047624 | 0.054516 | 0.054516 | 0.054237 | 0.054237 | 0.055414 | 0.055414 | 0.058772 | 0.058772 | 0.059129 | 0.059129 | 0.059129 | 0.059129 | 0.059129 | 0.059129 | 0.059129 | 0.059129 | 0.059129 | 0.059129 | 0.059129 | 0.059129 | 0.053893 | 0.059193 | 0.055443 | 0.054561 | 0.051749 | 0.055952 | 0.055530 | 0.055670 | 0.056871 | 0.055783 | 0.054473 | 0.053720 | 0.057076 | 0.054597 | 0.052399 | 0.057262 | 0.054277 | 0.053113 | 0.053479 | 0.051816 | 0.052547 | 0.053265 | 0.051871 | 0.050297 | 0.054410 | 0.056026 | 0.053249 | 0.053742 |
| 0.154775 | 0.08972 | 0.051403 | 0.051513 | 0.051614 | 0.054099 | 0.054099 | 0.046708 | 0.046708 | 0.056644 | 0.056644 | 0.054079 | 0.054079 | 0.053951 | 0.053951 | 0.058252 | 0.058252 | 0.049280 | 0.049280 | 0.054222 | 0.054222 | 0.056719 | 0.056719 | 0.056719 | 0.056719 | 0.056719 | 0.056719 | 0.056719 | 0.056719 | 0.056719 | 0.056719 | 0.056719 | 0.056719 | 0.055543 | 0.056451 | 0.055707 | 0.053952 | 0.054767 | 0.055599 | 0.054271 | 0.055454 | 0.056858 | 0.053538 | 0.052936 | 0.050858 | 0.054748 | 0.053372 | 0.052698 | 0.055843 | 0.052278 | 0.054202 | 0.052757 | 0.054446 | 0.054076 | 0.054713 | 0.054109 | 0.051066 | 0.055343 | 0.055032 | 0.051402 | 0.055331 |
| 0.154555 | 0.083479 | 0.037549 | 0.033827 | 0.045183 | 0.035279 | 0.035279 | 0.037020 | 0.037020 | 0.049048 | 0.049048 | 0.048756 | 0.048756 | 0.047674 | 0.047674 | 0.039038 | 0.039038 | 0.052929 | 0.052929 | 0.053965 | 0.053965 | 0.052573 | 0.052573 | 0.052573 | 0.052573 | 0.052573 | 0.052573 | 0.052573 | 0.052573 | 0.052573 | 0.052573 | 0.052573 | 0.052573 | 0.048597 | 0.045150 | 0.046361 | 0.047302 | 0.053703 | 0.054730 | 0.051684 | 0.051657 | 0.051595 | 0.050964 | 0.051596 | 0.051498 | 0.050521 | 0.052511 | 0.047293 | 0.055976 | 0.049748 | 0.053972 | 0.051296 | 0.053658 | 0.053464 | 0.057724 | 0.054002 | 0.046599 | 0.046715 | 0.035832 | 0.049662 | 0.056434 |
| 0.154335 | 0.077238 | 0.051783 | 0.050782 | 0.054164 | 0.053244 | 0.053244 | 0.051307 | 0.051307 | 0.052323 | 0.052323 | 0.054176 | 0.054176 | 0.052173 | 0.052173 | 0.053152 | 0.053152 | 0.053622 | 0.053622 | 0.054433 | 0.054433 | 0.049506 | 0.049506 | 0.049506 | 0.049506 | 0.049506 | 0.049506 | 0.049506 | 0.049506 | 0.049506 | 0.049506 | 0.049506 | 0.049506 | 0.051303 | 0.051121 | 0.052774 | 0.052062 | 0.056075 | 0.052291 | 0.052758 | 0.053399 | 0.050861 | 0.053567 | 0.052570 | 0.050951 | 0.053084 | 0.053834 | 0.051718 | 0.052563 | 0.052963 | 0.052865 | 0.054069 | 0.051457 | 0.049341 | 0.048658 | 0.052132 | 0.050684 | 0.048305 | 0.052794 | 0.047728 | 0.049429 |
| 0.154115 | 0.070997 | 0.053978 | 0.053096 | 0.056509 | 0.054393 | 0.054393 | 0.057623 | 0.057623 | 0.057380 | 0.057380 | 0.057129 | 0.057129 | 0.057180 | 0.057180 | 0.054840 | 0.054840 | 0.058196 | 0.058196 | 0.056358 | 0.056358 | 0.053188 | 0.053188 | 0.053188 | 0.053188 | 0.053188 | 0.053188 | 0.053188 | 0.053188 | 0.053188 | 0.053188 | 0.053188 | 0.053188 | 0.055342 | 0.055384 | 0.053815 | 0.052786 | 0.056784 | 0.053943 | 0.055074 | 0.053535 | 0.054349 | 0.056142 | 0.053843 | 0.056239 | 0.055196 | 0.052671 | 0.055579 | 0.054913 | 0.054893 | 0.052650 | 0.053937 | 0.055313 | 0.053336 | 0.052655 | 0.054372 | 0.053355 | 0.053109 | 0.054038 | 0.051615 | 0.052091 |
| 0.153896 | 0.064756 | 0.057063 | 0.056024 | 0.057781 | 0.056827 | 0.056827 | 0.055553 | 0.055553 | 0.055406 | 0.055406 | 0.056867 | 0.056867 | 0.058283 | 0.058283 | 0.055240 | 0.055240 | 0.059942 | 0.059942 | 0.056782 | 0.056782 | 0.055994 | 0.055994 | 0.055994 | 0.055994 | 0.055994 | 0.055994 | 0.055994 | 0.055994 | 0.055994 | 0.055994 | 0.055994 | 0.055994 | 0.057197 | 0.054802 | 0.054361 | 0.056119 | 0.057256 | 0.054953 | 0.052987 | 0.054952 | 0.055471 | 0.056553 | 0.053161 | 0.055993 | 0.053677 | 0.055416 | 0.055768 | 0.051222 | 0.056067 | 0.054178 | 0.055349 | 0.054280 | 0.053492 | 0.054881 | 0.051941 | 0.056536 | 0.055934 | 0.056363 | 0.053627 | 0.055011 |
| 0.149583 | 0.062817 | 0.059254 | 0.055584 | 0.055945 | 0.057502 | 0.057502 | 0.058413 | 0.058413 | 0.054385 | 0.054385 | 0.053791 | 0.053791 | 0.054732 | 0.054732 | 0.050780 | 0.050780 | 0.056615 | 0.056615 | 0.054514 | 0.054514 | 0.055340 | 0.055340 | 0.055340 | 0.055340 | 0.055340 | 0.055340 | 0.055340 | 0.055340 | 0.055340 | 0.055340 | 0.055340 | 0.055340 | 0.052999 | 0.052363 | 0.054366 | 0.053788 | 0.052909 | 0.054255 | 0.050359 | 0.053361 | 0.053684 | 0.053890 | 0.055459 | 0.054163 | 0.052429 | 0.052036 | 0.052037 | 0.053227 | 0.052782 | 0.054571 | 0.053100 | 0.053656 | 0.053128 | 0.052078 | 0.052114 | 0.056841 | 0.055885 | 0.055378 | 0.055292 | 0.051835 |
| 0.143339 | 0.062907 | 0.058769 | 0.056960 | 0.052154 | 0.052541 | 0.052541 | 0.055735 | 0.055735 | 0.058434 | 0.058434 | 0.054648 | 0.054648 | 0.053449 | 0.053449 | 0.053967 | 0.053967 | 0.053398 | 0.053398 | 0.049870 | 0.049870 | 0.054338 | 0.054338 | 0.054338 | 0.054338 | 0.054338 | 0.054338 | 0.054338 | 0.054338 | 0.054338 | 0.054338 | 0.054338 | 0.054338 | 0.048315 | 0.049925 | 0.043795 | 0.046670 | 0.050953 | 0.044643 | 0.050429 | 0.048343 | 0.048331 | 0.044953 | 0.050149 | 0.047615 | 0.048640 | 0.045280 | 0.049000 | 0.049676 | 0.048406 | 0.047320 | 0.049036 | 0.048144 | 0.050958 | 0.052019 | 0.047688 | 0.048840 | 0.051791 | 0.045017 | 0.045212 | 0.045697 |
| 0.137094 | 0.062997 | 0.048901 | 0.047776 | 0.051873 | 0.043612 | 0.043612 | 0.037928 | 0.037928 | 0.033725 | 0.033725 | 0.036039 | 0.036039 | 0.038393 | 0.038393 | 0.048741 | 0.048741 | 0.042022 | 0.042022 | 0.039451 | 0.039451 | 0.047810 | 0.047810 | 0.047810 | 0.047810 | 0.047810 | 0.047810 | 0.047810 | 0.047810 | 0.047810 | 0.047810 | 0.047810 | 0.047810 | 0.044509 | 0.040598 | 0.042295 | 0.035144 | -0.034207 | 0.025093 | 0.036537 | 0.034899 | 0.038318 | 0.030543 | 0.035480 | 0.042554 | 0.037246 | 0.044097 | 0.043515 | 0.042611 | 0.044727 | 0.039035 | 0.040792 | 0.043518 | 0.042191 | 0.043260 | 0.040447 | 0.036375 | 0.034066 | 0.028590 | 0.039175 | 0.033602 |
| 0.13085 | 0.063086 | 0.029047 | 0.024787 | 0.014928 | 0.025309 | 0.025309 | 0.025046 | 0.025046 | 0.027537 | 0.027537 | 0.021297 | 0.021297 | 0.023640 | 0.023640 | 0.025175 | 0.025175 | 0.025603 | 0.025603 | 0.027006 | 0.027006 | 0.031714 | 0.031714 | 0.031714 | 0.031714 | 0.031714 | 0.031714 | 0.031714 | 0.031714 | 0.031714 | 0.031714 | 0.031714 | 0.031714 | 0.026502 | 0.035211 | 0.025613 | 0.038860 | 0.026117 | 0.027501 | 0.002282 | 0.034459 | 0.026307 | 0.030881 | 0.029316 | 0.039627 | 0.037971 | 0.039826 | 0.035670 | 0.038418 | 0.032063 | 0.027186 | 0.033302 | 0.025110 | 0.025568 | 0.026179 | 0.020161 | 0.030928 | 0.029202 | 0.025805 | 0.052597 | 0.015795 |
| 0.124606 | 0.063176 | 0.034437 | 0.034723 | 0.031984 | 0.027328 | 0.027328 | 0.037205 | 0.037205 | 0.036292 | 0.036292 | 0.029040 | 0.029040 | 0.023019 | 0.023019 | 0.017594 | 0.017594 | 0.034708 | 0.034708 | 0.045891 | 0.045891 | 0.042808 | 0.042808 | 0.042808 | 0.042808 | 0.042808 | 0.042808 | 0.042808 | 0.042808 | 0.042808 | 0.042808 | 0.042808 | 0.042808 | 0.041583 | 0.037365 | 0.029524 | 0.041786 | 0.037174 | 0.013285 | 0.037026 | 0.035881 | 0.037989 | 0.033780 | 0.034637 | 0.031787 | 0.028442 | 0.034543 | 0.032612 | 0.034320 | 0.033351 | 0.033802 | 0.035062 | 0.032931 | 0.029872 | 0.030122 | 0.026176 | 0.027315 | 0.021025 | 0.015802 | 0.017301 | 0.023435 |
| 0.118362 | 0.063266 | 0.025194 | 0.045792 | 0.003493 | 0.063389 | 0.063389 | -0.012334 | -0.012334 | 0.031620 | 0.031620 | 0.032497 | 0.032497 | 0.032700 | 0.032700 | 0.029865 | 0.029865 | 0.035483 | 0.035483 | 0.039315 | 0.039315 | 0.039787 | 0.039787 | 0.039787 | 0.039787 | 0.039787 | 0.039787 | 0.039787 | 0.039787 | 0.039787 | 0.039787 | 0.039787 | 0.039787 | 0.039117 | 0.039092 | 0.044349 | 0.041434 | 0.041440 | 0.039666 | 0.043684 | 0.039508 | 0.039783 | 0.037878 | 0.040649 | 0.040577 | 0.043614 | 0.044484 | 0.041148 | 0.044521 | 0.045726 | 0.046175 | 0.045158 | 0.048627 | 0.040961 | 0.045633 | 0.042534 | 0.040894 | 0.039002 | 0.039036 | 0.040311 | 0.037297 |
| 0.112118 | 0.063356 | 0.026431 | 0.029729 | 0.020636 | -0.010483 | -0.010483 | 0.026873 | 0.026873 | 0.025331 | 0.025331 | 0.019229 | 0.019229 | 0.022797 | 0.022797 | 0.014228 | 0.014228 | 0.029036 | 0.029036 | 0.044898 | 0.044898 | 0.037943 | 0.037943 | 0.037943 | 0.037943 | 0.037943 | 0.037943 | 0.037943 | 0.037943 | 0.037943 | 0.037943 | 0.037943 | 0.037943 | 0.044592 | 0.043278 | 0.047575 | 0.047257 | 0.045513 | 0.043684 | 0.045136 | 0.041441 | 0.045897 | 0.045290 | 0.047407 | 0.048528 | 0.051222 | 0.043563 | 0.047396 | 0.041924 | 0.095532 | 0.051136 | 0.046292 | 0.048221 | 0.046493 | 0.043762 | 0.045906 | 0.049984 | 0.038578 | -0.004941 | 0.040985 | 0.039968 |
| 0.105874 | 0.063446 | 0.025134 | 0.033269 | 0.055858 | 0.023794 | 0.023794 | 0.023795 | 0.023795 | 0.032741 | 0.032741 | 0.025802 | 0.025802 | 0.024375 | 0.024375 | 0.029461 | 0.029461 | 0.032506 | 0.032506 | 0.040053 | 0.040053 | 0.047053 | 0.047053 | 0.047053 | 0.047053 | 0.047053 | 0.047053 | 0.047053 | 0.047053 | 0.047053 | 0.047053 | 0.047053 | 0.047053 | 0.040202 | 0.057336 | 0.039307 | 0.052407 | 0.051629 | 0.050725 | 0.052345 | 0.048039 | 0.052208 | 0.050966 | 0.049512 | 0.052303 | 0.050607 | 0.052621 | 0.050514 | 0.050787 | 0.052201 | 0.053160 | 0.054243 | 0.051266 | 0.053027 | 0.055058 | 0.054658 | 0.052784 | 0.055519 | 0.056471 | 0.053439 | 0.060119 |
| 0.09963 | 0.063536 | 0.029175 | 0.030102 | 0.025419 | 0.025951 | 0.025951 | 0.027511 | 0.027511 | 0.025705 | 0.025705 | 0.033296 | 0.033296 | 0.043847 | 0.043847 | 0.045610 | 0.045610 | 0.047446 | 0.047446 | 0.045851 | 0.045851 | 0.050750 | 0.050750 | 0.050750 | 0.050750 | 0.050750 | 0.050750 | 0.050750 | 0.050750 | 0.050750 | 0.050750 | 0.050750 | 0.050750 | 0.051018 | 0.052659 | 0.053584 | 0.057964 | 0.046626 | 0.055779 | 0.052839 | 0.047209 | 0.053482 | 0.050631 | 0.049851 | 0.054108 | 0.051873 | 0.056771 | 0.044316 | 0.051745 | 0.056901 | 0.051833 | 0.054188 | 0.050419 | 0.053086 | 0.052290 | 0.053076 | 0.055140 | 0.053050 | 0.056747 | 0.055514 | 0.053369 |
| 0.093386 | 0.063625 | 0.053647 | 0.056170 | 0.048608 | 0.054815 | 0.054815 | 0.050883 | 0.050883 | 0.048652 | 0.048652 | 0.051220 | 0.051220 | 0.053061 | 0.053061 | 0.053450 | 0.053450 | 0.052752 | 0.052752 | 0.052659 | 0.052659 | 0.052067 | 0.052067 | 0.052067 | 0.052067 | 0.052067 | 0.052067 | 0.052067 | 0.052067 | 0.052067 | 0.052067 | 0.052067 | 0.052067 | 0.054628 | 0.052255 | 0.052101 | 0.056621 | 0.046980 | 0.056771 | 0.059640 | 0.051781 | 0.051008 | 0.054650 | 0.054894 | 0.052387 | 0.053588 | 0.053724 | 0.052296 | 0.052864 | 0.056037 | 0.053831 | 0.055557 | 0.053079 | 0.055906 | 0.053623 | 0.051145 | 0.056294 | 0.053664 | 0.055918 | 0.055310 | 0.052378 |
| 0.090204 | 0.066704 | 0.055204 | 0.055985 | 0.057175 | 0.056908 | 0.056908 | 0.057349 | 0.057349 | 0.052429 | 0.052429 | 0.054248 | 0.054248 | 0.048698 | 0.048698 | 0.056727 | 0.056727 | 0.050810 | 0.050810 | 0.052880 | 0.052880 | 0.053018 | 0.053018 | 0.053018 | 0.053018 | 0.053018 | 0.053018 | 0.053018 | 0.053018 | 0.053018 | 0.053018 | 0.053018 | 0.053018 | 0.052652 | 0.054328 | 0.053481 | 0.053095 | 0.051594 | 0.054731 | 0.055164 | 0.054052 | 0.051277 | 0.054814 | 0.053402 | 0.054136 | 0.053970 | 0.055184 | 0.054759 | 0.054521 | 0.056398 | 0.055859 | 0.054328 | 0.053949 | 0.055390 | 0.052690 | 0.054422 | 0.055136 | 0.056311 | 0.054027 | 0.055710 | 0.055479 |
| 0.090266 | 0.072948 | 0.054247 | 0.056502 | 0.056517 | 0.057581 | 0.057581 | 0.055594 | 0.055594 | 0.053505 | 0.053505 | 0.054685 | 0.054685 | 0.051592 | 0.051592 | 0.056746 | 0.056746 | 0.052681 | 0.052681 | 0.050654 | 0.050654 | 0.055130 | 0.055130 | 0.055130 | 0.055130 | 0.055130 | 0.055130 | 0.055130 | 0.055130 | 0.055130 | 0.055130 | 0.055130 | 0.055130 | 0.055030 | 0.052393 | 0.053302 | 0.056360 | 0.056803 | 0.053197 | 0.055576 | 0.052932 | 0.053673 | 0.053923 | 0.055316 | 0.052079 | 0.053097 | 0.053684 | 0.053662 | 0.054736 | 0.053573 | 0.057804 | 0.054016 | 0.055445 | 0.055194 | 0.054048 | 0.054592 | 0.052456 | 0.056893 | 0.053346 | 0.055436 | 0.052480 |
| 0.090328 | 0.079193 | 0.060063 | 0.052668 | 0.053958 | 0.057248 | 0.057248 | 0.055489 | 0.055489 | 0.054197 | 0.054197 | 0.055860 | 0.055860 | 0.054742 | 0.054742 | 0.055845 | 0.055845 | 0.058408 | 0.058408 | 0.056160 | 0.056160 | 0.054482 | 0.054482 | 0.054482 | 0.054482 | 0.054482 | 0.054482 | 0.054482 | 0.054482 | 0.054482 | 0.054482 | 0.054482 | 0.054482 | 0.053215 | 0.055820 | 0.053129 | 0.053400 | 0.054757 | 0.053406 | 0.054121 | 0.053570 | 0.054418 | 0.051713 | 0.055798 | 0.053176 | 0.052220 | 0.053773 | 0.054053 | 0.054288 | 0.054223 | 0.055161 | 0.055465 | 0.053119 | 0.054572 | 0.054789 | 0.053082 | 0.054690 | 0.055787 | 0.056163 | 0.053935 | 0.053784 |
| 0.090389 | 0.085437 | 0.051276 | 0.052891 | 0.056798 | 0.057778 | 0.057778 | 0.059922 | 0.059922 | 0.057559 | 0.057559 | 0.056587 | 0.056587 | 0.055448 | 0.055448 | 0.055608 | 0.055608 | 0.050449 | 0.050449 | 0.055493 | 0.055493 | 0.055802 | 0.055802 | 0.055802 | 0.055802 | 0.055802 | 0.055802 | 0.055802 | 0.055802 | 0.055802 | 0.055802 | 0.055802 | 0.055802 | 0.053748 | 0.054198 | 0.056578 | 0.049199 | 0.055723 | 0.053874 | 0.054208 | 0.053755 | 0.054552 | 0.053494 | 0.053040 | 0.053601 | 0.052416 | 0.051915 | 0.053735 | 0.053020 | 0.055173 | 0.054374 | 0.054255 | 0.053863 | 0.053213 | 0.054193 | 0.056840 | 0.053306 | 0.056465 | 0.052622 | 0.055728 | 0.052525 |
| 0.090451 | 0.091682 | 0.059884 | 0.058003 | 0.058619 | 0.058495 | 0.058495 | 0.055531 | 0.055531 | 0.059842 | 0.059842 | 0.057179 | 0.057179 | 0.058275 | 0.058275 | 0.059487 | 0.059487 | 0.055158 | 0.055158 | 0.056860 | 0.056860 | 0.053005 | 0.053005 | 0.053005 | 0.053005 | 0.053005 | 0.053005 | 0.053005 | 0.053005 | 0.053005 | 0.053005 | 0.053005 | 0.053005 | 0.056925 | 0.051732 | 0.054769 | 0.057346 | 0.054599 | 0.052814 | 0.053747 | 0.051266 | 0.051813 | 0.054740 | 0.057119 | 0.051362 | 0.053821 | 0.051842 | 0.051412 | 0.054299 | 0.055230 | 0.051180 | 0.055390 | 0.054119 | 0.055370 | 0.050480 | 0.054025 | 0.053229 | 0.053550 | 0.050998 | 0.056536 | 0.053390 |
| 0.090513 | 0.097926 | 0.060766 | 0.056113 | 0.058547 | 0.060216 | 0.060216 | 0.057253 | 0.057253 | 0.059015 | 0.059015 | 0.056388 | 0.056388 | 0.060847 | 0.060847 | 0.069098 | 0.069098 | 0.056248 | 0.056248 | 0.057527 | 0.057527 | 0.060005 | 0.060005 | 0.060005 | 0.060005 | 0.060005 | 0.060005 | 0.060005 | 0.060005 | 0.060005 | 0.060005 | 0.060005 | 0.060005 | 0.057879 | 0.052409 | 0.039049 | 0.062355 | 0.056281 | 0.064491 | 0.052872 | 0.055060 | 0.059410 | 0.055570 | 0.058470 | 0.049462 | 0.054557 | 0.052185 | 0.051738 | 0.054716 | 0.057671 | 0.055052 | 0.057219 | 0.055607 | 0.051535 | 0.053084 | 0.052404 | 0.054335 | 0.053632 | 0.055103 | 0.052797 | 0.057865 |
| 0.090575 | 0.104171 | 0.067035 | 0.055166 | 0.056354 | 0.058998 | 0.058998 | 0.057847 | 0.057847 | 0.047089 | 0.047089 | 0.060885 | 0.060885 | 0.059771 | 0.059771 | 0.069878 | 0.069878 | 0.062829 | 0.062829 | 0.064211 | 0.064211 | 0.057033 | 0.057033 | 0.057033 | 0.057033 | 0.057033 | 0.057033 | 0.057033 | 0.057033 | 0.057033 | 0.057033 | 0.057033 | 0.057033 | 0.051421 | 0.059330 | 0.062250 | 0.054050 | 0.061150 | 0.067801 | 0.055634 | 0.041268 | 0.086213 | 0.058250 | 0.054981 | 0.056441 | 0.054731 | 0.051660 | 0.057163 | 0.052620 | 0.065093 | 0.057006 | 0.058310 | 0.058168 | 0.052307 | 0.054668 | 0.053603 | 0.053012 | 0.049561 | 0.056655 | 0.057077 | 0.054582 |
| 0.091125 | 0.109926 | 0.064260 | 0.045107 | 0.055897 | 0.052184 | 0.052184 | 0.056487 | 0.056487 | 0.056170 | 0.056170 | 0.055554 | 0.055554 | 0.055126 | 0.055126 | 0.054776 | 0.054776 | 0.055369 | 0.055369 | 0.012548 | 0.012548 | 0.061367 | 0.061367 | 0.061367 | 0.061367 | 0.061367 | 0.061367 | 0.061367 | 0.061367 | 0.061367 | 0.061367 | 0.061367 | 0.061367 | 0.058320 | 0.064116 | 0.057551 | 0.061795 | 0.056945 | 0.065253 | 0.051500 | 0.050433 | 0.052856 | 0.054909 | 0.055856 | 0.053677 | 0.058096 | 0.055927 | 0.076525 | 0.107812 | 0.064517 | 0.048546 | 0.059257 | 0.051425 | 0.060557 | 0.040701 | 0.052367 | 0.055829 | 0.056040 | 0.061508 | 0.053768 | 0.056979 |
| 0.09737 | 0.109973 | 0.045689 | 0.044293 | 0.049955 | 0.005662 | 0.005662 | 0.067391 | 0.067391 | 0.060943 | 0.060943 | 0.054432 | 0.054432 | 0.005471 | 0.005471 | 0.039282 | 0.039282 | 0.045079 | 0.045079 | 0.049950 | 0.049950 | 0.059979 | 0.059979 | 0.059979 | 0.059979 | 0.059979 | 0.059979 | 0.059979 | 0.059979 | 0.059979 | 0.059979 | 0.059979 | 0.059979 | 0.047512 | 0.050118 | 0.049921 | 0.049056 | 0.042985 | 0.036186 | 0.041027 | 0.038401 | 0.042504 | 0.044173 | 0.045279 | 0.050515 | 0.056608 | 0.049731 | 0.044932 | 0.052493 | 0.063804 | 0.057818 | 0.043114 | 0.077141 | 0.041012 | 0.060969 | 0.046580 | 0.055342 | 0.040750 | -0.006528 | 0.055533 | 0.057186 |
| 0.103614 | 0.110021 | 0.064127 | 0.052716 | 0.053577 | 0.049594 | 0.049594 | 0.062619 | 0.062619 | 0.088210 | 0.088210 | 0.083700 | 0.083700 | 0.055806 | 0.055806 | 0.056479 | 0.056479 | 0.048977 | 0.048977 | 0.039369 | 0.039369 | 0.027334 | 0.027334 | 0.027334 | 0.027334 | 0.027334 | 0.027334 | 0.027334 | 0.027334 | 0.027334 | 0.027334 | 0.027334 | 0.027334 | 0.031791 | 0.030815 | 0.032134 | 0.030732 | 0.041653 | 0.029717 | 0.033515 | -0.006713 | 0.061788 | 0.031898 | 0.031554 | 0.031399 | 0.060820 | 0.068686 | 0.035356 | 0.031390 | 0.007558 | 0.002145 | 0.030546 | 0.036424 | 0.033514 | 0.010965 | 0.031825 | 0.007548 | 0.008379 | 0.038787 | 0.035688 | 0.040095 |
| 0.109859 | 0.110069 | 0.024207 | 0.096188 | 0.046237 | 0.027825 | 0.027825 | 0.040965 | 0.040965 | 0.039403 | 0.039403 | 0.044240 | 0.044240 | 0.038835 | 0.038835 | 0.039044 | 0.039044 | 0.036660 | 0.036660 | 0.023592 | 0.023592 | -0.031496 | -0.031496 | -0.031496 | -0.031496 | -0.031496 | -0.031496 | -0.031496 | -0.031496 | -0.031496 | -0.031496 | -0.031496 | -0.031496 | -0.029663 | 0.035580 | 0.034645 | 0.043243 | 0.030562 | 0.028358 | 0.031903 | 0.039368 | 0.039517 | 0.048289 | 0.040344 | 0.001536 | 0.101842 | 0.026707 | 0.015070 | 0.038696 | 0.042084 | 0.033958 | 0.039777 | 0.042525 | 0.033645 | 0.044307 | 0.028431 | 0.043594 | 0.035127 | 0.032900 | 0.041871 | 0.029670 |
| 0.116103 | 0.110117 | 0.044567 | 0.105567 | 0.043123 | 0.051412 | 0.051412 | 0.045923 | 0.045923 | 0.047149 | 0.047149 | 0.016388 | 0.016388 | 0.038945 | 0.038945 | 0.037001 | 0.037001 | 0.040722 | 0.040722 | 0.031611 | 0.031611 | 0.025749 | 0.025749 | 0.025749 | 0.025749 | 0.025749 | 0.025749 | 0.025749 | 0.025749 | 0.025749 | 0.025749 | 0.025749 | 0.025749 | -0.013969 | 0.042373 | 0.036607 | 0.068805 | 0.035494 | 0.037483 | 0.040578 | 0.043723 | 0.040405 | 0.044032 | 0.041440 | 0.020968 | 0.031906 | 0.028744 | 0.026932 | 0.031627 | 0.052360 | 0.053661 | 0.034404 | 0.036882 | 0.035864 | 0.028768 | 0.032309 | 0.055701 | 0.025089 | 0.013196 | 0.081266 | 0.038064 |
| 0.122348 | 0.110165 | 0.033649 | 0.032701 | 0.037274 | 0.045247 | 0.045247 | 0.043814 | 0.043814 | 0.041129 | 0.041129 | 0.042897 | 0.042897 | 0.045335 | 0.045335 | 0.038403 | 0.038403 | 0.042304 | 0.042304 | 0.010172 | 0.010172 | 0.040263 | 0.040263 | 0.040263 | 0.040263 | 0.040263 | 0.040263 | 0.040263 | 0.040263 | 0.040263 | 0.040263 | 0.040263 | 0.040263 | 0.031485 | 0.028910 | 0.033744 | 0.047240 | 0.041210 | -0.009943 | 0.040654 | 0.035825 | 0.038086 | 0.044841 | 0.037303 | 0.036125 | 0.034737 | 0.046053 | 0.046340 | 0.042094 | 0.043454 | 0.044860 | 0.037096 | 0.042886 | 0.041469 | 0.033197 | 0.028617 | 0.029655 | 0.036586 | 0.024839 | -0.009514 | 0.028929 |
| 0.128592 | 0.110213 | 0.039842 | 0.043563 | 0.043965 | 0.044273 | 0.044273 | 0.046542 | 0.046542 | 0.048185 | 0.048185 | 0.047001 | 0.047001 | 0.046829 | 0.046829 | 0.048354 | 0.048354 | 0.047449 | 0.047449 | 0.049028 | 0.049028 | 0.054903 | 0.054903 | 0.054903 | 0.054903 | 0.054903 | 0.054903 | 0.054903 | 0.054903 | 0.054903 | 0.054903 | 0.054903 | 0.054903 | 0.043770 | 0.044306 | 0.052711 | 0.036102 | 0.034218 | 0.057944 | 0.020751 | 0.049795 | 0.055150 | 0.042221 | 0.035808 | 0.033123 | 0.037862 | 0.037262 | 0.034369 | 0.016044 | 0.027267 | 0.034247 | 0.031859 | 0.039930 | 0.038050 | 0.044722 | 0.043933 | 0.033332 | 0.034177 | 0.036499 | 0.034642 | 0.033874 |
| 0.134837 | 0.11026 | 0.046184 | 0.048564 | 0.046889 | 0.049274 | 0.049274 | 0.049956 | 0.049956 | 0.053636 | 0.053636 | 0.051862 | 0.051862 | 0.051560 | 0.051560 | 0.049279 | 0.049279 | 0.051929 | 0.051929 | 0.053654 | 0.053654 | 0.050565 | 0.050565 | 0.050565 | 0.050565 | 0.050565 | 0.050565 | 0.050565 | 0.050565 | 0.050565 | 0.050565 | 0.050565 | 0.050565 | 0.048947 | 0.052373 | 0.058229 | 0.053067 | 0.051049 | 0.059514 | 0.038566 | 0.050589 | 0.052144 | 0.052257 | 0.042728 | 0.042292 | 0.037569 | 0.039776 | 0.038636 | 0.044148 | 0.042674 | 0.040660 | 0.040838 | 0.035980 | 0.042856 | 0.039548 | 0.042260 | 0.036305 | 0.035437 | 0.035771 | 0.039658 | 0.030816 |
| 0.141081 | 0.110308 | 0.050941 | 0.052285 | 0.052710 | 0.050393 | 0.050393 | 0.055600 | 0.055600 | 0.051662 | 0.051662 | 0.052044 | 0.052044 | 0.051951 | 0.051951 | 0.055995 | 0.055995 | 0.054781 | 0.054781 | 0.056483 | 0.056483 | 0.056054 | 0.056054 | 0.056054 | 0.056054 | 0.056054 | 0.056054 | 0.056054 | 0.056054 | 0.056054 | 0.056054 | 0.056054 | 0.056054 | 0.060260 | 0.051800 | 0.060797 | 0.059616 | 0.057074 | 0.055100 | 0.056508 | 0.055858 | 0.054513 | 0.060933 | 0.054486 | 0.051679 | 0.054006 | 0.049605 | 0.049930 | 0.050291 | 0.052713 | 0.047495 | 0.052194 | 0.046315 | 0.048900 | 0.035291 | 0.046338 | 0.045375 | 0.042771 | 0.041644 | 0.040867 | 0.038191 |
| 0.147326 | 0.110356 | 0.050878 | 0.055205 | 0.053156 | 0.052669 | 0.052669 | 0.051955 | 0.051955 | 0.050372 | 0.050372 | 0.053480 | 0.053480 | 0.057869 | 0.057869 | 0.057324 | 0.057324 | 0.055391 | 0.055391 | 0.055580 | 0.055580 | 0.058404 | 0.058404 | 0.058404 | 0.058404 | 0.058404 | 0.058404 | 0.058404 | 0.058404 | 0.058404 | 0.058404 | 0.058404 | 0.058404 | 0.056668 | 0.056505 | 0.049062 | 0.055495 | 0.056281 | 0.062982 | 0.093634 | 0.058558 | 0.053863 | 0.060110 | 0.060940 | 0.058115 | 0.058733 | 0.056642 | 0.052921 | 0.059012 | 0.052885 | 0.053683 | 0.057457 | 0.058552 | 0.057592 | 0.055659 | 0.056647 | 0.056763 | 0.058107 | 0.055435 | 0.053227 | 0.055804 |
| 0.150246 | 0.107203 | 0.053247 | 0.055811 | 0.052155 | 0.052165 | 0.052165 | 0.053552 | 0.053552 | 0.060365 | 0.060365 | 0.053537 | 0.053537 | 0.058987 | 0.058987 | 0.057181 | 0.057181 | 0.057730 | 0.057730 | 0.052801 | 0.052801 | 0.056747 | 0.056747 | 0.056747 | 0.056747 | 0.056747 | 0.056747 | 0.056747 | 0.056747 | 0.056747 | 0.056747 | 0.056747 | 0.056747 | 0.056518 | 0.056204 | 0.060499 | 0.055410 | 0.063461 | 0.053762 | 0.064346 | 0.059248 | 0.055392 | 0.061737 | 0.058607 | 0.054491 | 0.057068 | 0.057275 | 0.058486 | 0.053828 | 0.056883 | 0.055809 | 0.056878 | 0.055006 | 0.058262 | 0.058928 | 0.053940 | 0.058267 | 0.059944 | 0.057863 | 0.056767 | 0.054382 |
| 0.149963 | 0.100965 | 0.056541 | 0.054378 | 0.053962 | 0.055087 | 0.055087 | 0.057051 | 0.057051 | 0.052692 | 0.052692 | 0.050762 | 0.050762 | 0.054061 | 0.054061 | 0.056733 | 0.056733 | 0.054281 | 0.054281 | 0.056854 | 0.056854 | 0.056752 | 0.056752 | 0.056752 | 0.056752 | 0.056752 | 0.056752 | 0.056752 | 0.056752 | 0.056752 | 0.056752 | 0.056752 | 0.056752 | 0.057908 | 0.057016 | 0.054447 | 0.055905 | 0.060020 | 0.055538 | 0.054137 | 0.055242 | 0.056792 | 0.054813 | 0.057644 | 0.055260 | 0.058964 | 0.056350 | 0.058242 | 0.056701 | 0.057238 | 0.054534 | 0.056929 | 0.047953 | 0.053690 | 0.056163 | 0.055096 | 0.051739 | 0.055556 | 0.057118 | 0.052338 | 0.053733 |
| 0.149679 | 0.094726 | 0.057385 | 0.056706 | 0.054059 | 0.052998 | 0.052998 | 0.051230 | 0.051230 | 0.056165 | 0.056165 | 0.053518 | 0.053518 | 0.053578 | 0.053578 | 0.053651 | 0.053651 | 0.053541 | 0.053541 | 0.053792 | 0.053792 | 0.053311 | 0.053311 | 0.053311 | 0.053311 | 0.053311 | 0.053311 | 0.053311 | 0.053311 | 0.053311 | 0.053311 | 0.053311 | 0.053311 | 0.059450 | 0.057089 | 0.055512 | 0.056146 | 0.054968 | 0.052419 | 0.055988 | 0.057913 | 0.056699 | 0.058328 | 0.057111 | 0.057552 | 0.057587 | 0.055713 | 0.051547 | 0.049415 | 0.051445 | 0.050672 | 0.050488 | 0.050411 | 0.049016 | 0.049651 | 0.051430 | 0.049443 | 0.054359 | 0.061222 | 0.054199 | 0.055767 |
| 0.149396 | 0.088488 | 0.049970 | 0.052362 | 0.051800 | 0.053536 | 0.053536 | 0.051241 | 0.051241 | 0.054361 | 0.054361 | 0.056139 | 0.056139 | 0.057481 | 0.057481 | 0.055359 | 0.055359 | 0.055777 | 0.055777 | 0.053092 | 0.053092 | 0.057342 | 0.057342 | 0.057342 | 0.057342 | 0.057342 | 0.057342 | 0.057342 | 0.057342 | 0.057342 | 0.057342 | 0.057342 | 0.057342 | 0.057039 | 0.056928 | 0.057475 | 0.055137 | 0.057261 | 0.055401 | 0.054472 | 0.053613 | 0.054498 | 0.049196 | 0.052107 | 0.051716 | 0.050634 | 0.051815 | 0.052685 | 0.054776 | 0.052402 | 0.055959 | 0.053078 | 0.055226 | 0.056556 | 0.052130 | 0.053525 | 0.050280 | 0.056441 | 0.050393 | 0.049315 | 0.047846 |
| 0.149112 | 0.08225 | 0.053080 | 0.052336 | 0.052499 | 0.049856 | 0.049856 | 0.051226 | 0.051226 | 0.054269 | 0.054269 | 0.054945 | 0.054945 | 0.050764 | 0.050764 | 0.055592 | 0.055592 | 0.055966 | 0.055966 | 0.056520 | 0.056520 | 0.056975 | 0.056975 | 0.056975 | 0.056975 | 0.056975 | 0.056975 | 0.056975 | 0.056975 | 0.056975 | 0.056975 | 0.056975 | 0.056975 | 0.051521 | 0.054976 | 0.052294 | 0.050146 | 0.050700 | 0.046484 | 0.045430 | 0.048871 | 0.053443 | 0.050112 | 0.052605 | 0.052218 | 0.051261 | 0.054434 | 0.053535 | 0.049843 | 0.054521 | 0.056659 | 0.052904 | 0.050986 | 0.053296 | 0.050734 | 0.048749 | 0.051258 | 0.046738 | 0.049187 | 0.038903 | 0.046214 |
| 0.148828 | 0.076011 | 0.052265 | 0.054114 | 0.055679 | 0.051220 | 0.051220 | 0.055785 | 0.055785 | 0.056160 | 0.056160 | 0.057385 | 0.057385 | 0.057042 | 0.057042 | 0.054810 | 0.054810 | 0.055817 | 0.055817 | 0.055157 | 0.055157 | 0.054394 | 0.054394 | 0.054394 | 0.054394 | 0.054394 | 0.054394 | 0.054394 | 0.054394 | 0.054394 | 0.054394 | 0.054394 | 0.054394 | 0.051227 | 0.054015 | 0.049870 | 0.053031 | 0.053065 | 0.051331 | 0.053856 | 0.055337 | 0.052402 | 0.054752 | 0.055691 | 0.055342 | 0.050840 | 0.053882 | 0.052315 | 0.048468 | 0.052500 | 0.050329 | 0.050315 | 0.047538 | 0.049992 | 0.047252 | 0.050157 | 0.050809 | 0.049187 | 0.052648 | 0.047637 | 0.046841 |
| 0.148249 | 0.070084 | 0.054891 | 0.055165 | 0.056295 | 0.054660 | 0.054660 | 0.057147 | 0.057147 | 0.058811 | 0.058811 | 0.055837 | 0.055837 | 0.055876 | 0.055876 | 0.053981 | 0.053981 | 0.055000 | 0.055000 | 0.057226 | 0.057226 | 0.055069 | 0.055069 | 0.055069 | 0.055069 | 0.055069 | 0.055069 | 0.055069 | 0.055069 | 0.055069 | 0.055069 | 0.055069 | 0.055069 | 0.053826 | 0.057016 | 0.052179 | 0.057567 | 0.052128 | 0.053812 | 0.053119 | 0.051978 | 0.052511 | 0.053314 | 0.054013 | 0.049662 | 0.053022 | 0.047877 | 0.051656 | 0.049318 | 0.051330 | 0.052048 | 0.051430 | 0.051483 | 0.051120 | 0.048155 | 0.051897 | 0.049589 | 0.049627 | 0.052362 | 0.049172 | 0.047925 |
| 0.142005 | 0.07011 | 0.058152 | 0.056418 | 0.053792 | 0.057742 | 0.057742 | 0.060296 | 0.060296 | 0.057486 | 0.057486 | 0.055705 | 0.055705 | 0.049810 | 0.049810 | 0.051347 | 0.051347 | 0.051084 | 0.051084 | 0.055291 | 0.055291 | 0.052041 | 0.052041 | 0.052041 | 0.052041 | 0.052041 | 0.052041 | 0.052041 | 0.052041 | 0.052041 | 0.052041 | 0.052041 | 0.052041 | 0.053399 | 0.053600 | 0.056494 | 0.052342 | 0.052671 | 0.049267 | 0.048771 | 0.048897 | 0.039958 | 0.043213 | 0.043076 | 0.038588 | 0.033176 | 0.042825 | 0.044470 | 0.046299 | 0.042245 | 0.045523 | 0.044303 | 0.043214 | 0.047582 | 0.043478 | 0.042434 | 0.044270 | 0.047850 | 0.044321 | 0.044145 | 0.043706 |
| 0.13576 | 0.070135 | 0.049942 | 0.051238 | 0.041117 | 0.039648 | 0.039648 | 0.038929 | 0.038929 | 0.039445 | 0.039445 | 0.037526 | 0.037526 | 0.032256 | 0.032256 | 0.028254 | 0.028254 | 0.026733 | 0.026733 | 0.029005 | 0.029005 | 0.050842 | 0.050842 | 0.050842 | 0.050842 | 0.050842 | 0.050842 | 0.050842 | 0.050842 | 0.050842 | 0.050842 | 0.050842 | 0.050842 | 0.051365 | 0.051798 | 0.049323 | 0.054361 | 0.051732 | 0.044373 | 0.040234 | 0.039718 | 0.035141 | 0.031768 | 0.024926 | 0.023534 | 0.029140 | 0.034200 | 0.033253 | 0.031534 | -0.005836 | 0.045005 | 0.045753 | 0.043107 | 0.043695 | 0.036779 | 0.035748 | 0.036780 | 0.042558 | 0.040414 | 0.040743 | 0.039724 |
| 0.129515 | 0.070161 | -0.040612 | 0.029208 | 0.025154 | 0.019752 | 0.019752 | 0.027444 | 0.027444 | 0.025774 | 0.025774 | 0.025765 | 0.025765 | 0.025925 | 0.025925 | 0.026136 | 0.026136 | 0.020610 | 0.020610 | 0.013462 | 0.013462 | 0.038132 | 0.038132 | 0.038132 | 0.038132 | 0.038132 | 0.038132 | 0.038132 | 0.038132 | 0.038132 | 0.038132 | 0.038132 | 0.038132 | 0.045734 | 0.048701 | 0.045729 | 0.047784 | 0.041424 | 0.043265 | 0.036688 | 0.038155 | 0.032904 | 0.032665 | 0.033147 | 0.031176 | 0.031914 | 0.033728 | 0.035915 | 0.035460 | 0.036560 | 0.029658 | 0.031132 | 0.034585 | 0.036151 | 0.032503 | 0.034564 | 0.033077 | 0.031603 | 0.031374 | 0.025993 | 0.028296 |
| 0.12327 | 0.070187 | 0.039098 | 0.039085 | 0.036869 | 0.034283 | 0.034283 | 0.029646 | 0.029646 | 0.029096 | 0.029096 | 0.024696 | 0.024696 | 0.028127 | 0.028127 | 0.021774 | 0.021774 | 0.071329 | 0.071329 | 0.034559 | 0.034559 | 0.043349 | 0.043349 | 0.043349 | 0.043349 | 0.043349 | 0.043349 | 0.043349 | 0.043349 | 0.043349 | 0.043349 | 0.043349 | 0.043349 | 0.041401 | 0.039928 | 0.039693 | 0.042587 | 0.043940 | 0.043682 | 0.036339 | 0.045770 | 0.040717 | 0.049005 | 0.044995 | 0.043507 | 0.041962 | 0.042497 | 0.045015 | 0.046129 | 0.042059 | 0.045435 | 0.045216 | 0.041995 | 0.043202 | 0.040769 | 0.039235 | 0.042892 | 0.042002 | 0.042513 | 0.039470 | 0.039697 |
| 0.117026 | 0.070213 | 0.037747 | 0.032928 | 0.037575 | 0.031886 | 0.031886 | 0.028491 | 0.028491 | 0.021067 | 0.021067 | -0.025281 | -0.025281 | 0.027557 | 0.027557 | 0.053315 | 0.053315 | 0.034304 | 0.034304 | 0.041344 | 0.041344 | 0.048668 | 0.048668 | 0.048668 | 0.048668 | 0.048668 | 0.048668 | 0.048668 | 0.048668 | 0.048668 | 0.048668 | 0.048668 | 0.048668 | 0.046341 | 0.047267 | 0.045771 | 0.046595 | 0.042315 | 0.037912 | 0.047349 | 0.041129 | 0.043094 | 0.038892 | 0.045940 | 0.041684 | 0.043934 | 0.045797 | 0.044058 | 0.043276 | 0.043586 | 0.043903 | 0.040997 | 0.040551 | 0.045993 | 0.043533 | 0.048991 | 0.046332 | 0.046066 | 0.046333 | 0.045442 | 0.040456 |
| 0.110781 | 0.070239 | 0.034556 | 0.031791 | 0.030372 | 0.032073 | 0.032073 | 0.034176 | 0.034176 | 0.036631 | 0.036631 | 0.034988 | 0.034988 | 0.062304 | 0.062304 | 0.025979 | 0.025979 | 0.028933 | 0.028933 | 0.021280 | 0.021280 | 0.034214 | 0.034214 | 0.034214 | 0.034214 | 0.034214 | 0.034214 | 0.034214 | 0.034214 | 0.034214 | 0.034214 | 0.034214 | 0.034214 | 0.041001 | 0.041859 | 0.041329 | 0.043552 | 0.039397 | 0.038831 | 0.046598 | 0.040666 | 0.046949 | 0.044051 | 0.046361 | 0.046925 | 0.045412 | 0.044121 | 0.048368 | 0.047219 | 0.047150 | 0.048345 | 0.047940 | 0.045928 | 0.048720 | 0.048813 | 0.050244 | 0.049610 | 0.049422 | 0.053247 | 0.048877 | 0.044971 |
| 0.104536 | 0.070264 | 0.034296 | 0.025621 | 0.021682 | 0.024723 | 0.024723 | 0.034769 | 0.034769 | 0.024061 | 0.024061 | 0.030775 | 0.030775 | 0.020507 | 0.020507 | 0.026632 | 0.026632 | 0.037700 | 0.037700 | 0.017142 | 0.017142 | 0.050437 | 0.050437 | 0.050437 | 0.050437 | 0.050437 | 0.050437 | 0.050437 | 0.050437 | 0.050437 | 0.050437 | 0.050437 | 0.050437 | 0.049049 | 0.049993 | 0.045678 | 0.046815 | 0.049379 | 0.044453 | 0.051733 | 0.046864 | 0.046816 | 0.045950 | 0.048703 | 0.047765 | 0.046024 | 0.048564 | 0.047581 | 0.047521 | 0.047490 | 0.050653 | 0.051329 | 0.049452 | 0.050647 | 0.050506 | 0.050785 | 0.051948 | 0.052473 | 0.053584 | 0.049280 | 0.050579 |
| 0.098292 | 0.07029 | 0.039176 | 0.025322 | 0.037997 | 0.037216 | 0.037216 | 0.031373 | 0.031373 | 0.035255 | 0.035255 | 0.033413 | 0.033413 | 0.032773 | 0.032773 | 0.026448 | 0.026448 | 0.031005 | 0.031005 | 0.038249 | 0.038249 | 0.051081 | 0.051081 | 0.051081 | 0.051081 | 0.051081 | 0.051081 | 0.051081 | 0.051081 | 0.051081 | 0.051081 | 0.051081 | 0.051081 | 0.052671 | 0.051621 | 0.049758 | 0.050050 | 0.051869 | 0.051472 | 0.053591 | 0.051100 | 0.048705 | 0.053455 | 0.050760 | 0.053819 | 0.050287 | 0.052950 | 0.052244 | 0.050921 | 0.055459 | 0.049061 | 0.051863 | 0.051516 | 0.053889 | 0.049709 | 0.052191 | 0.052566 | 0.052877 | 0.052576 | 0.054022 | 0.052246 |
| 0.093255 | 0.07141 | 0.051732 | 0.054858 | 0.054609 | 0.060647 | 0.060647 | 0.051834 | 0.051834 | 0.050516 | 0.050516 | 0.052398 | 0.052398 | 0.050184 | 0.050184 | 0.051060 | 0.051060 | 0.044465 | 0.044465 | 0.045671 | 0.045671 | 0.052428 | 0.052428 | 0.052428 | 0.052428 | 0.052428 | 0.052428 | 0.052428 | 0.052428 | 0.052428 | 0.052428 | 0.052428 | 0.052428 | 0.054282 | 0.052262 | 0.050668 | 0.053990 | 0.054453 | 0.055518 | 0.052975 | 0.053223 | 0.052234 | 0.052732 | 0.053034 | 0.052525 | 0.052129 | 0.052721 | 0.054904 | 0.053220 | 0.053746 | 0.055914 | 0.053417 | 0.051345 | 0.054816 | 0.051779 | 0.053607 | 0.053697 | 0.055046 | 0.053249 | 0.053868 | 0.052110 |
| 0.093849 | 0.077626 | 0.054719 | 0.052994 | 0.058217 | 0.055311 | 0.055311 | 0.054115 | 0.054115 | 0.051830 | 0.051830 | 0.051001 | 0.051001 | 0.051756 | 0.051756 | 0.052482 | 0.052482 | 0.056715 | 0.056715 | 0.053163 | 0.053163 | 0.053147 | 0.053147 | 0.053147 | 0.053147 | 0.053147 | 0.053147 | 0.053147 | 0.053147 | 0.053147 | 0.053147 | 0.053147 | 0.053147 | 0.051891 | 0.052802 | 0.054270 | 0.051048 | 0.051549 | 0.056843 | 0.052119 | 0.053499 | 0.054624 | 0.050468 | 0.055133 | 0.051166 | 0.052520 | 0.053709 | 0.052477 | 0.053361 | 0.052873 | 0.054772 | 0.053425 | 0.051827 | 0.054047 | 0.052859 | 0.052605 | 0.054127 | 0.054706 | 0.055126 | 0.054400 | 0.053240 |
| 0.094443 | 0.083843 | 0.055916 | 0.050860 | 0.050657 | 0.053327 | 0.053327 | 0.056693 | 0.056693 | 0.050080 | 0.050080 | 0.050560 | 0.050560 | 0.055351 | 0.055351 | 0.053536 | 0.053536 | 0.057814 | 0.057814 | 0.057840 | 0.057840 | 0.042305 | 0.042305 | 0.042305 | 0.042305 | 0.042305 | 0.042305 | 0.042305 | 0.042305 | 0.042305 | 0.042305 | 0.042305 | 0.042305 | 0.042653 | 0.043657 | 0.048697 | 0.047286 | 0.048763 | 0.045156 | 0.050720 | 0.050123 | 0.048185 | 0.050001 | 0.051609 | 0.053149 | 0.049797 | 0.049889 | 0.051532 | 0.050397 | 0.052527 | 0.049756 | 0.054791 | 0.053241 | 0.050360 | 0.054543 | 0.052946 | 0.050222 | 0.051412 | 0.055361 | 0.049456 | 0.050374 |
| 0.095037 | 0.090059 | 0.045354 | 0.046005 | 0.052106 | 0.050954 | 0.050954 | 0.051317 | 0.051317 | 0.053402 | 0.053402 | 0.054019 | 0.054019 | 0.056585 | 0.056585 | 0.052077 | 0.052077 | 0.053322 | 0.053322 | 0.054422 | 0.054422 | 0.051353 | 0.051353 | 0.051353 | 0.051353 | 0.051353 | 0.051353 | 0.051353 | 0.051353 | 0.051353 | 0.051353 | 0.051353 | 0.051353 | 0.053448 | 0.053378 | 0.047953 | 0.050445 | 0.048836 | 0.045309 | 0.049880 | 0.045148 | 0.047568 | 0.044284 | 0.045333 | 0.045862 | 0.048034 | 0.048021 | 0.051426 | 0.054870 | 0.053638 | 0.049606 | 0.052702 | 0.047808 | 0.053888 | 0.044910 | 0.051336 | 0.056710 | 0.050782 | 0.049882 | 0.053678 | 0.054472 |
| 0.095631 | 0.096276 | 0.048045 | 0.054087 | 0.052801 | 0.030336 | 0.030336 | 0.037723 | 0.037723 | 0.042229 | 0.042229 | 0.055573 | 0.055573 | 0.045058 | 0.045058 | 0.050698 | 0.050698 | 0.051763 | 0.051763 | 0.058241 | 0.058241 | 0.051231 | 0.051231 | 0.051231 | 0.051231 | 0.051231 | 0.051231 | 0.051231 | 0.051231 | 0.051231 | 0.051231 | 0.051231 | 0.051231 | 0.055125 | 0.009253 | 0.053399 | 0.055329 | 0.053777 | 0.052870 | 0.049017 | 0.050397 | 0.050591 | 0.047649 | 0.068312 | 0.044732 | 0.030599 | 0.046067 | 0.047736 | 0.037510 | 0.054085 | 0.050702 | 0.053526 | 0.045742 | 0.046647 | 0.048062 | 0.047535 | 0.051330 | 0.049702 | 0.053458 | 0.052032 | 0.049018 |
| 0.096225 | 0.102492 | 0.049492 | 0.049870 | 0.053895 | 0.053525 | 0.053525 | 0.047755 | 0.047755 | 0.046460 | 0.046460 | 0.044375 | 0.044375 | -0.006584 | -0.006584 | 0.091286 | 0.091286 | 0.049197 | 0.049197 | 0.090672 | 0.090672 | 0.043522 | 0.043522 | 0.043522 | 0.043522 | 0.043522 | 0.043522 | 0.043522 | 0.043522 | 0.043522 | 0.043522 | 0.043522 | 0.043522 | 0.053690 | 0.052580 | 0.052583 | 0.049708 | 0.046768 | 0.069918 | 0.056863 | 0.040845 | 0.048133 | 0.050379 | 0.070445 | 0.059074 | 0.046262 | 0.057184 | 0.055338 | 0.049658 | 0.051610 | 0.053707 | 0.048449 | 0.054168 | 0.049490 | 0.045288 | 0.046814 | 0.048377 | 0.043023 | 0.050793 | 0.050906 | 0.050130 |
| 0.099046 | 0.106258 | 0.042794 | 0.046422 | 0.051154 | 0.080719 | 0.080719 | 0.055262 | 0.055262 | 0.048725 | 0.048725 | 0.046834 | 0.046834 | 0.042469 | 0.042469 | 0.042808 | 0.042808 | 0.045279 | 0.045279 | 0.040735 | 0.040735 | 0.044242 | 0.044242 | 0.044242 | 0.044242 | 0.044242 | 0.044242 | 0.044242 | 0.044242 | 0.044242 | 0.044242 | 0.044242 | 0.044242 | 0.043158 | 0.038824 | 0.041001 | 0.041685 | 0.035757 | 0.023605 | 0.072978 | 0.038869 | 0.032629 | 0.042372 | 0.042903 | 0.046513 | 0.051431 | 0.042095 | 0.051351 | 0.056646 | 0.041899 | 0.056267 | 0.043361 | 0.048213 | 0.044226 | 0.047458 | 0.044483 | 0.041278 | 0.040693 | 0.045375 | 0.044265 | 0.046534 |
| 0.105291 | 0.106258 | 0.040983 | 0.089820 | 0.019935 | 0.050068 | 0.050068 | 0.036121 | 0.036121 | 0.040805 | 0.040805 | 0.043924 | 0.043924 | 0.044725 | 0.044725 | 0.042122 | 0.042122 | 0.039364 | 0.039364 | 0.037847 | 0.037847 | 0.032142 | 0.032142 | 0.032142 | 0.032142 | 0.032142 | 0.032142 | 0.032142 | 0.032142 | 0.032142 | 0.032142 | 0.032142 | 0.032142 | 0.031076 | 0.032395 | 0.033662 | 0.057230 | 0.035459 | 0.035987 | 0.029294 | 0.015753 | 0.043328 | 0.060073 | 0.037443 | 0.039641 | 0.030922 | 0.015098 | 0.034059 | 0.032073 | 0.026404 | 0.017958 | 0.032966 | 0.034510 | 0.008000 | 0.033041 | 0.028271 | 0.034149 | 0.036511 | 0.039912 | 0.036213 | 0.057252 |
| 0.111535 | 0.106258 | 0.048496 | 0.047016 | 0.046797 | 0.042638 | 0.042638 | 0.040526 | 0.040526 | 0.038786 | 0.038786 | 0.035439 | 0.035439 | 0.033286 | 0.033286 | -0.000034 | -0.000034 | 0.037013 | 0.037013 | 0.035615 | 0.035615 | 0.027076 | 0.027076 | 0.027076 | 0.027076 | 0.027076 | 0.027076 | 0.027076 | 0.027076 | 0.027076 | 0.027076 | 0.027076 | 0.027076 | 0.037281 | 0.033237 | 0.033205 | 0.035967 | 0.038942 | 0.034607 | 0.041902 | 0.060816 | 0.036395 | 0.045313 | 0.006267 | 0.007686 | 0.036877 | 0.030254 | 0.040559 | 0.036647 | 0.043284 | 0.036550 | 0.035201 | 0.035298 | 0.050541 | 0.031487 | 0.065680 | 0.057430 | 0.023390 | 0.024364 | 0.028414 | 0.023081 |
| 0.11778 | 0.106258 | 0.050662 | 0.048980 | 0.047033 | 0.047624 | 0.047624 | 0.045785 | 0.045785 | 0.050016 | 0.050016 | 0.034914 | 0.034914 | 0.036912 | 0.036912 | 0.031901 | 0.031901 | 0.011243 | 0.011243 | -0.038871 | -0.038871 | 0.035000 | 0.035000 | 0.035000 | 0.035000 | 0.035000 | 0.035000 | 0.035000 | 0.035000 | 0.035000 | 0.035000 | 0.035000 | 0.035000 | 0.026246 | 0.081808 | 0.036402 | 0.045612 | 0.056602 | 0.047567 | 0.049171 | 0.046819 | 0.046912 | 0.037424 | 0.038016 | 0.038418 | 0.033932 | 0.031379 | 0.029540 | 0.024137 | 0.029869 | 0.014566 | 0.032113 | 0.045100 | 0.028783 | 0.031358 | 0.023846 | 0.033104 | 0.031023 | 0.025267 | 0.041794 | 0.043953 |
| 0.124025 | 0.106258 | 0.045783 | 0.042025 | 0.045829 | 0.073566 | 0.073566 | 0.045444 | 0.045444 | 0.025621 | 0.025621 | 0.044948 | 0.044948 | 0.020375 | 0.020375 | 0.045630 | 0.045630 | 0.048344 | 0.048344 | 0.052175 | 0.052175 | 0.032754 | 0.032754 | 0.032754 | 0.032754 | 0.032754 | 0.032754 | 0.032754 | 0.032754 | 0.032754 | 0.032754 | 0.032754 | 0.032754 | 0.031137 | 0.026807 | 0.031925 | 0.038146 | 0.030721 | 0.072935 | 0.063619 | 0.047112 | 0.043315 | 0.043840 | 0.043077 | 0.039141 | 0.042075 | 0.038401 | 0.037430 | 0.039893 | 0.034376 | 0.032610 | 0.033986 | 0.035830 | 0.030882 | 0.025454 | 0.028290 | 0.033469 | 0.038082 | 0.036705 | 0.041576 | 0.044388 |
| 0.13027 | 0.106258 | 0.048980 | 0.048123 | 0.050837 | 0.050293 | 0.050293 | 0.050473 | 0.050473 | 0.051191 | 0.051191 | 0.052943 | 0.052943 | 0.047610 | 0.047610 | 0.050690 | 0.050690 | 0.051746 | 0.051746 | 0.051559 | 0.051559 | 0.047372 | 0.047372 | 0.047372 | 0.047372 | 0.047372 | 0.047372 | 0.047372 | 0.047372 | 0.047372 | 0.047372 | 0.047372 | 0.047372 | 0.044009 | 0.049059 | 0.054265 | 0.041358 | 0.043785 | 0.045389 | 0.038941 | 0.035952 | 0.015916 | 0.037001 | 0.033581 | 0.029353 | 0.033389 | 0.031655 | 0.038825 | 0.034606 | 0.038575 | 0.035042 | 0.037393 | 0.037575 | 0.032722 | 0.036444 | 0.038010 | 0.035714 | 0.036338 | 0.041439 | 0.036866 | 0.038103 |
| 0.136514 | 0.106258 | 0.049310 | 0.048644 | 0.050831 | 0.050603 | 0.050603 | 0.052455 | 0.052455 | 0.051785 | 0.051785 | 0.053397 | 0.053397 | 0.058536 | 0.058536 | 0.053768 | 0.053768 | 0.053824 | 0.053824 | 0.056126 | 0.056126 | 0.054568 | 0.054568 | 0.054568 | 0.054568 | 0.054568 | 0.054568 | 0.054568 | 0.054568 | 0.054568 | 0.054568 | 0.054568 | 0.054568 | 0.054889 | 0.057197 | 0.054961 | 0.052229 | 0.054285 | 0.047243 | 0.048899 | 0.047715 | 0.038098 | 0.041625 | 0.041537 | 0.042218 | 0.039954 | 0.038749 | 0.039037 | 0.040111 | 0.036020 | 0.037614 | 0.035926 | 0.034216 | 0.038047 | 0.036648 | 0.037603 | 0.034505 | 0.038149 | 0.034397 | 0.036464 | 0.035708 |
| 0.142759 | 0.106258 | 0.050989 | 0.052500 | 0.037992 | 0.055801 | 0.055801 | 0.055668 | 0.055668 | 0.053169 | 0.053169 | 0.051886 | 0.051886 | 0.054104 | 0.054104 | 0.057308 | 0.057308 | 0.058632 | 0.058632 | 0.060454 | 0.060454 | 0.056031 | 0.056031 | 0.056031 | 0.056031 | 0.056031 | 0.056031 | 0.056031 | 0.056031 | 0.056031 | 0.056031 | 0.056031 | 0.056031 | 0.059313 | 0.061141 | 0.055466 | 0.057357 | 0.055597 | 0.054147 | 0.059530 | 0.055842 | 0.054943 | 0.058617 | 0.057045 | 0.048086 | 0.050761 | 0.050897 | 0.048392 | 0.052518 | 0.054684 | 0.051654 | 0.052894 | 0.048087 | 0.055308 | 0.045677 | 0.045152 | 0.043344 | 0.050187 | 0.049620 | 0.040485 | 0.043982 |
| 0.143643 | 0.100778 | 0.054428 | 0.052987 | 0.053342 | 0.057104 | 0.057104 | 0.056674 | 0.056674 | 0.052973 | 0.052973 | 0.051474 | 0.051474 | 0.053677 | 0.053677 | 0.053499 | 0.053499 | 0.057080 | 0.057080 | 0.054440 | 0.054440 | 0.060057 | 0.060057 | 0.060057 | 0.060057 | 0.060057 | 0.060057 | 0.060057 | 0.060057 | 0.060057 | 0.060057 | 0.060057 | 0.060057 | 0.056846 | 0.054400 | 0.055934 | 0.055404 | 0.055268 | 0.049887 | 0.056864 | 0.059171 | 0.054969 | 0.057104 | 0.054323 | 0.054557 | 0.052871 | 0.050729 | 0.055561 | 0.051220 | 0.052670 | 0.045115 | 0.052339 | 0.053330 | 0.054432 | 0.053670 | 0.045356 | 0.044177 | 0.049547 | 0.052679 | 0.052678 | 0.043476 |
| 0.14378 | 0.094534 | 0.054221 | 0.054464 | 0.054633 | 0.057393 | 0.057393 | 0.056317 | 0.056317 | 0.053663 | 0.053663 | 0.053626 | 0.053626 | 0.053403 | 0.053403 | 0.056257 | 0.056257 | 0.052480 | 0.052480 | 0.055300 | 0.055300 | 0.052088 | 0.052088 | 0.052088 | 0.052088 | 0.052088 | 0.052088 | 0.052088 | 0.052088 | 0.052088 | 0.052088 | 0.052088 | 0.052088 | 0.053047 | 0.054010 | 0.049137 | 0.052075 | 0.055136 | 0.051335 | 0.053657 | 0.056940 | 0.055381 | 0.052139 | 0.052747 | 0.055823 | 0.052746 | 0.050634 | 0.058139 | 0.050897 | 0.048651 | 0.050426 | 0.049374 | 0.049965 | 0.055979 | 0.054051 | 0.048340 | 0.045514 | 0.046453 | 0.041817 | 0.044625 | 0.048860 |
| 0.143918 | 0.088291 | 0.056617 | 0.051948 | 0.050905 | 0.053785 | 0.053785 | 0.054506 | 0.054506 | 0.053299 | 0.053299 | 0.051899 | 0.051899 | 0.053424 | 0.053424 | 0.053348 | 0.053348 | 0.052914 | 0.052914 | 0.057418 | 0.057418 | 0.050097 | 0.050097 | 0.050097 | 0.050097 | 0.050097 | 0.050097 | 0.050097 | 0.050097 | 0.050097 | 0.050097 | 0.050097 | 0.050097 | 0.046886 | 0.050504 | 0.052418 | 0.050865 | 0.051896 | 0.051886 | 0.055787 | 0.053658 | 0.052667 | 0.052694 | 0.052716 | 0.053158 | 0.055134 | 0.050718 | 0.052173 | 0.058293 | 0.050253 | 0.048561 | 0.048831 | 0.049603 | 0.050749 | 0.046752 | 0.045186 | 0.046015 | 0.048319 | 0.042749 | 0.036603 | 0.033282 |
| 0.144056 | 0.082048 | 0.056828 | 0.051389 | 0.058147 | 0.053487 | 0.053487 | 0.053903 | 0.053903 | 0.057148 | 0.057148 | 0.054907 | 0.054907 | 0.051457 | 0.051457 | 0.055837 | 0.055837 | 0.056249 | 0.056249 | 0.050315 | 0.050315 | 0.048639 | 0.048639 | 0.048639 | 0.048639 | 0.048639 | 0.048639 | 0.048639 | 0.048639 | 0.048639 | 0.048639 | 0.048639 | 0.048639 | 0.047945 | 0.045919 | 0.049834 | 0.051181 | 0.055147 | 0.049710 | 0.053982 | 0.051174 | 0.051941 | 0.051560 | 0.052552 | 0.053618 | 0.052731 | 0.053734 | 0.050841 | 0.052822 | 0.054939 | 0.054229 | 0.050201 | 0.050078 | 0.048642 | 0.048631 | 0.038792 | 0.042302 | 0.045483 | 0.044558 | 0.043293 | 0.036339 |
| 0.144194 | 0.075805 | 0.056152 | 0.054477 | 0.056966 | 0.059069 | 0.059069 | 0.057565 | 0.057565 | 0.058834 | 0.058834 | 0.050737 | 0.050737 | 0.053015 | 0.053015 | 0.056920 | 0.056920 | 0.057886 | 0.057886 | 0.056244 | 0.056244 | 0.051991 | 0.051991 | 0.051991 | 0.051991 | 0.051991 | 0.051991 | 0.051991 | 0.051991 | 0.051991 | 0.051991 | 0.051991 | 0.051991 | 0.052496 | 0.055559 | 0.050264 | 0.053452 | 0.055238 | 0.052993 | 0.054692 | 0.057987 | 0.051557 | 0.053056 | 0.050857 | 0.050435 | 0.044482 | 0.046923 | 0.042741 | 0.037198 | 0.042716 | 0.040360 | 0.043941 | 0.039150 | 0.044984 | 0.045420 | 0.045201 | 0.045763 | 0.047018 | 0.048393 | 0.045510 | 0.042152 |
| 0.13865 | 0.075237 | 0.059262 | 0.056602 | 0.055841 | 0.046291 | 0.046291 | 0.050335 | 0.050335 | 0.052344 | 0.052344 | 0.053888 | 0.053888 | 0.059611 | 0.059611 | 0.048102 | 0.048102 | 0.049831 | 0.049831 | 0.053777 | 0.053777 | 0.042777 | 0.042777 | 0.042777 | 0.042777 | 0.042777 | 0.042777 | 0.042777 | 0.042777 | 0.042777 | 0.042777 | 0.042777 | 0.042777 | 0.042790 | 0.048213 | 0.044064 | 0.049847 | 0.047898 | 0.049132 | 0.049162 | 0.055438 | 0.052538 | 0.051222 | 0.039831 | 0.039179 | 0.039412 | 0.039289 | 0.031388 | 0.025196 | 0.029234 | 0.030686 | 0.034028 | 0.032842 | 0.038377 | 0.039670 | 0.038346 | 0.038100 | 0.042738 | 0.047368 | 0.040795 | 0.044601 |
| 0.132407 | 0.075369 | 0.044983 | 0.047535 | 0.038387 | 0.033122 | 0.033122 | 0.031193 | 0.031193 | 0.027978 | 0.027978 | 0.027920 | 0.027920 | 0.024746 | 0.024746 | 0.025730 | 0.025730 | 0.026846 | 0.026846 | 0.028618 | 0.028618 | 0.032090 | 0.032090 | 0.032090 | 0.032090 | 0.032090 | 0.032090 | 0.032090 | 0.032090 | 0.032090 | 0.032090 | 0.032090 | 0.032090 | 0.032905 | 0.038592 | 0.040772 | 0.043718 | 0.041657 | 0.045596 | 0.044261 | 0.049606 | 0.046070 | 0.045898 | 0.043019 | 0.041893 | 0.042038 | 0.039204 | 0.037872 | 0.038753 | 0.036009 | 0.035471 | 0.036806 | 0.038386 | 0.038621 | 0.037841 | 0.039293 | 0.044551 | 0.051676 | 0.042913 | 0.033856 | 0.036374 |
| 0.126164 | 0.075502 | 0.048417 | 0.034575 | 0.029936 | 0.084727 | 0.084727 | 0.032080 | 0.032080 | 0.037562 | 0.037562 | 0.032964 | 0.032964 | 0.035150 | 0.035150 | 0.032966 | 0.032966 | 0.034634 | 0.034634 | 0.037179 | 0.037179 | 0.042337 | 0.042337 | 0.042337 | 0.042337 | 0.042337 | 0.042337 | 0.042337 | 0.042337 | 0.042337 | 0.042337 | 0.042337 | 0.042337 | 0.032689 | 0.015669 | 0.039902 | 0.012796 | 0.038653 | 0.045128 | 0.038925 | 0.039232 | 0.042395 | 0.048992 | 0.039182 | 0.043882 | 0.041706 | 0.035250 | 0.037932 | 0.040977 | 0.044848 | 0.039182 | 0.044426 | 0.043927 | 0.044231 | 0.040666 | 0.044836 | 0.041813 | 0.044178 | 0.047049 | 0.042668 | 0.038566 |
| 0.11992 | 0.075634 | 0.029733 | 0.038692 | 0.035830 | 0.048131 | 0.048131 | 0.042042 | 0.042042 | 0.042055 | 0.042055 | 0.036738 | 0.036738 | 0.037582 | 0.037582 | 0.026489 | 0.026489 | 0.022354 | 0.022354 | 0.081434 | 0.081434 | 0.036487 | 0.036487 | 0.036487 | 0.036487 | 0.036487 | 0.036487 | 0.036487 | 0.036487 | 0.036487 | 0.036487 | 0.036487 | 0.036487 | 0.037442 | 0.035552 | 0.044243 | 0.041819 | 0.043014 | 0.040197 | 0.040469 | 0.035519 | 0.037437 | 0.039808 | 0.045045 | 0.040825 | 0.043662 | 0.046621 | 0.043728 | 0.039998 | 0.044746 | 0.044365 | 0.042623 | 0.040376 | 0.043369 | 0.043620 | 0.045881 | 0.044632 | 0.044893 | 0.046577 | 0.045652 | 0.045846 |
| 0.113677 | 0.075766 | 0.026414 | 0.030040 | 0.029560 | 0.031351 | 0.031351 | 0.036065 | 0.036065 | 0.032856 | 0.032856 | 0.028369 | 0.028369 | 0.025658 | 0.025658 | 0.027334 | 0.027334 | 0.031251 | 0.031251 | 0.023969 | 0.023969 | 0.032188 | 0.032188 | 0.032188 | 0.032188 | 0.032188 | 0.032188 | 0.032188 | 0.032188 | 0.032188 | 0.032188 | 0.032188 | 0.032188 | 0.030153 | 0.031245 | 0.022499 | 0.030742 | 0.032963 | 0.033237 | 0.039064 | 0.037802 | 0.036993 | 0.037845 | 0.040277 | 0.038298 | 0.044037 | 0.044116 | 0.042183 | 0.044615 | 0.041474 | 0.041882 | 0.047718 | 0.044615 | 0.044726 | 0.046762 | 0.046777 | 0.046752 | 0.044999 | 0.047315 | 0.045299 | 0.044875 |
| 0.107434 | 0.075898 | 0.022268 | 0.024104 | 0.023740 | 0.024371 | 0.024371 | 0.025190 | 0.025190 | 0.031381 | 0.031381 | 0.027473 | 0.027473 | 0.028832 | 0.028832 | 0.029231 | 0.029231 | 0.030400 | 0.030400 | 0.026744 | 0.026744 | 0.031897 | 0.031897 | 0.031897 | 0.031897 | 0.031897 | 0.031897 | 0.031897 | 0.031897 | 0.031897 | 0.031897 | 0.031897 | 0.031897 | 0.046809 | 0.043399 | 0.047638 | 0.046150 | 0.044283 | 0.045037 | 0.042491 | 0.046674 | 0.045649 | 0.046443 | 0.046538 | 0.047136 | 0.046841 | 0.048749 | 0.047718 | 0.046737 | 0.048193 | 0.045081 | 0.047598 | 0.049737 | 0.046125 | 0.046215 | 0.045567 | 0.045697 | 0.049219 | 0.047581 | 0.046330 | 0.049572 |
| 0.10119 | 0.07603 | 0.045545 | 0.034331 | 0.040441 | 0.060196 | 0.060196 | 0.035253 | 0.035253 | 0.035913 | 0.035913 | 0.036547 | 0.036547 | 0.028054 | 0.028054 | 0.037209 | 0.037209 | 0.032333 | 0.032333 | 0.015296 | 0.015296 | 0.045852 | 0.045852 | 0.045852 | 0.045852 | 0.045852 | 0.045852 | 0.045852 | 0.045852 | 0.045852 | 0.045852 | 0.045852 | 0.045852 | 0.045693 | 0.046264 | 0.050895 | 0.048785 | 0.049098 | 0.051842 | 0.052267 | 0.049227 | 0.048153 | 0.049056 | 0.052087 | 0.050297 | 0.050080 | 0.050947 | 0.050695 | 0.051246 | 0.050344 | 0.051506 | 0.052493 | 0.050912 | 0.052830 | 0.050101 | 0.050939 | 0.051031 | 0.050058 | 0.051466 | 0.051128 | 0.050737 |
| 0.100821 | 0.082024 | 0.044030 | 0.045424 | 0.040943 | 0.046558 | 0.046558 | 0.045749 | 0.045749 | 0.040542 | 0.040542 | 0.035815 | 0.035815 | 0.042034 | 0.042034 | 0.036692 | 0.036692 | 0.037329 | 0.037329 | 0.039709 | 0.039709 | 0.033710 | 0.033710 | 0.033710 | 0.033710 | 0.033710 | 0.033710 | 0.033710 | 0.033710 | 0.033710 | 0.033710 | 0.033710 | 0.033710 | 0.035756 | 0.034210 | 0.035361 | 0.029274 | 0.035453 | 0.040878 | 0.046024 | 0.048634 | 0.048903 | 0.049801 | 0.051864 | 0.048109 | 0.053345 | 0.048098 | 0.050465 | 0.051348 | 0.052788 | 0.051876 | 0.052096 | 0.051134 | 0.055063 | 0.052238 | 0.052065 | 0.052211 | 0.050620 | 0.053049 | 0.051321 | 0.053252 |
| 0.100702 | 0.088267 | 0.030190 | 0.034548 | 0.033835 | 0.033096 | 0.033096 | 0.041484 | 0.041484 | 0.042849 | 0.042849 | 0.046016 | 0.046016 | 0.044848 | 0.044848 | 0.014793 | 0.014793 | 0.034078 | 0.034078 | 0.038957 | 0.038957 | 0.042728 | 0.042728 | 0.042728 | 0.042728 | 0.042728 | 0.042728 | 0.042728 | 0.042728 | 0.042728 | 0.042728 | 0.042728 | 0.042728 | 0.030103 | 0.029373 | 0.035261 | 0.033294 | 0.035269 | 0.034027 | 0.035501 | 0.035089 | 0.036140 | 0.037021 | 0.039878 | 0.040725 | 0.046712 | 0.048974 | 0.049292 | 0.042511 | 0.050666 | 0.050963 | 0.047554 | 0.052666 | 0.050629 | 0.049926 | 0.049188 | 0.049140 | 0.049626 | 0.054029 | 0.053025 | 0.053187 |
| 0.100583 | 0.094511 | 0.038299 | 0.037316 | 0.038988 | 0.030373 | 0.030373 | 0.029405 | 0.029405 | 0.038101 | 0.038101 | 0.048592 | 0.048592 | 0.040355 | 0.040355 | 0.041735 | 0.041735 | 0.042555 | 0.042555 | 0.042486 | 0.042486 | 0.028629 | 0.028629 | 0.028629 | 0.028629 | 0.028629 | 0.028629 | 0.028629 | 0.028629 | 0.028629 | 0.028629 | 0.028629 | 0.028629 | 0.029212 | 0.029427 | 0.046618 | 0.015103 | 0.030663 | 0.034085 | 0.038700 | 0.032718 | 0.033705 | 0.036591 | 0.037490 | 0.037018 | 0.032771 | 0.039262 | 0.046885 | 0.045874 | 0.049505 | 0.044769 | 0.018603 | 0.050612 | 0.044621 | 0.048212 | 0.057781 | 0.059012 | 0.050108 | 0.050748 | 0.049698 | 0.054781 |
| 0.101154 | 0.100121 | 0.048986 | 0.051137 | 0.000095 | 0.047714 | 0.047714 | 0.044073 | 0.044073 | 0.042901 | 0.042901 | 0.024588 | 0.024588 | 0.042606 | 0.042606 | 0.035168 | 0.035168 | 0.033599 | 0.033599 | 0.035541 | 0.035541 | 0.035444 | 0.035444 | 0.035444 | 0.035444 | 0.035444 | 0.035444 | 0.035444 | 0.035444 | 0.035444 | 0.035444 | 0.035444 | 0.035444 | 0.039885 | 0.032115 | 0.052363 | 0.034814 | 0.027980 | 0.031791 | 0.040669 | 0.034366 | 0.030375 | 0.029136 | 0.026865 | 0.037244 | 0.031508 | 0.027774 | -0.008933 | 0.036441 | 0.036915 | 0.032499 | 0.034767 | 0.035051 | 0.033544 | 0.038531 | 0.034341 | 0.038330 | 0.043858 | 0.044500 | 0.047752 | 0.050903 |
| 0.107385 | 0.100534 | 0.046752 | 0.043903 | 0.043692 | 0.030373 | 0.030373 | 0.041060 | 0.041060 | 0.035618 | 0.035618 | 0.024374 | 0.024374 | 0.034249 | 0.034249 | 0.031171 | 0.031171 | 0.030207 | 0.030207 | 0.034603 | 0.034603 | 0.030343 | 0.030343 | 0.030343 | 0.030343 | 0.030343 | 0.030343 | 0.030343 | 0.030343 | 0.030343 | 0.030343 | 0.030343 | 0.030343 | 0.026457 | 0.032892 | 0.031172 | 0.026520 | 0.042698 | 0.039323 | 0.035082 | 0.033870 | 0.034787 | 0.032510 | 0.034012 | 0.034816 | 0.033723 | 0.030459 | 0.030661 | 0.030563 | 0.035395 | 0.031422 | 0.031558 | 0.034984 | 0.032466 | -0.017858 | 0.033647 | 0.032070 | 0.032685 | 0.032617 | 0.042450 | 0.047834 |
| 0.113616 | 0.100947 | 0.044393 | 0.041871 | 0.039642 | 0.034009 | 0.034009 | 0.030306 | 0.030306 | 0.031731 | 0.031731 | 0.033574 | 0.033574 | 0.034273 | 0.034273 | 0.032532 | 0.032532 | 0.034528 | 0.034528 | -0.019764 | -0.019764 | 0.038276 | 0.038276 | 0.038276 | 0.038276 | 0.038276 | 0.038276 | 0.038276 | 0.038276 | 0.038276 | 0.038276 | 0.038276 | 0.038276 | 0.036648 | 0.031728 | 0.034826 | 0.034796 | 0.035774 | 0.038909 | 0.040684 | 0.038840 | 0.044523 | 0.037855 | 0.059167 | 0.053764 | 0.043230 | 0.035880 | 0.035775 | 0.035416 | 0.031310 | 0.033423 | 0.044248 | 0.043008 | 0.045152 | 0.035018 | 0.032389 | 0.029422 | 0.027254 | 0.030270 | 0.033277 | 0.031251 |
| 0.119847 | 0.101359 | 0.045295 | 0.042632 | 0.040961 | 0.038144 | 0.038144 | 0.032499 | 0.032499 | 0.035520 | 0.035520 | 0.054556 | 0.054556 | 0.050931 | 0.050931 | 0.032749 | 0.032749 | 0.033179 | 0.033179 | 0.042399 | 0.042399 | 0.037498 | 0.037498 | 0.037498 | 0.037498 | 0.037498 | 0.037498 | 0.037498 | 0.037498 | 0.037498 | 0.037498 | 0.037498 | 0.037498 | 0.034598 | 0.039491 | 0.044686 | 0.045814 | 0.047412 | 0.046170 | 0.043311 | 0.043191 | 0.041466 | 0.037954 | 0.035592 | 0.033170 | 0.026999 | 0.025846 | 0.028055 | 0.029666 | 0.030485 | 0.026712 | 0.037406 | 0.032609 | 0.031146 | 0.031050 | 0.031281 | 0.008780 | 0.049260 | 0.039395 | 0.039710 | 0.041396 |
| 0.126078 | 0.101772 | 0.049129 | 0.051397 | 0.049628 | 0.050085 | 0.050085 | 0.051881 | 0.051881 | 0.051275 | 0.051275 | 0.052333 | 0.052333 | 0.044396 | 0.044396 | 0.053246 | 0.053246 | 0.049387 | 0.049387 | 0.050510 | 0.050510 | 0.032087 | 0.032087 | 0.032087 | 0.032087 | 0.032087 | 0.032087 | 0.032087 | 0.032087 | 0.032087 | 0.032087 | 0.032087 | 0.032087 | 0.040436 | 0.024154 | 0.032666 | 0.006610 | 0.035732 | 0.041575 | 0.029795 | 0.024615 | 0.031286 | 0.032722 | 0.034431 | 0.031725 | 0.029594 | 0.029501 | 0.033539 | 0.033654 | 0.034829 | 0.031576 | 0.030809 | 0.030542 | 0.030990 | 0.008769 | 0.033441 | 0.037393 | 0.038354 | 0.038446 | 0.036503 | 0.041742 |
| 0.132309 | 0.102185 | 0.052290 | 0.049855 | 0.052404 | 0.048983 | 0.048983 | 0.053629 | 0.053629 | 0.052481 | 0.052481 | 0.053025 | 0.053025 | 0.050609 | 0.050609 | 0.054778 | 0.054778 | 0.053590 | 0.053590 | 0.052455 | 0.052455 | 0.049585 | 0.049585 | 0.049585 | 0.049585 | 0.049585 | 0.049585 | 0.049585 | 0.049585 | 0.049585 | 0.049585 | 0.049585 | 0.049585 | 0.046969 | 0.054033 | 0.046768 | 0.034660 | 0.036025 | 0.039345 | 0.037802 | 0.039614 | 0.039496 | 0.034436 | 0.033053 | 0.032733 | 0.032902 | 0.041443 | 0.039259 | 0.035958 | 0.035918 | 0.034584 | 0.035046 | 0.031449 | 0.038355 | 0.041325 | 0.037293 | 0.034853 | 0.035332 | 0.039256 | 0.034811 | 0.036746 |
| 0.135751 | 0.098939 | 0.052231 | 0.054674 | 0.049791 | 0.056960 | 0.056960 | 0.052738 | 0.052738 | 0.053346 | 0.053346 | 0.053293 | 0.053293 | 0.056851 | 0.056851 | 0.053899 | 0.053899 | 0.056296 | 0.056296 | 0.054691 | 0.054691 | 0.049287 | 0.049287 | 0.049287 | 0.049287 | 0.049287 | 0.049287 | 0.049287 | 0.049287 | 0.049287 | 0.049287 | 0.049287 | 0.049287 | 0.044729 | 0.045144 | 0.045048 | 0.039725 | 0.039779 | 0.036344 | 0.037743 | 0.035765 | 0.036089 | 0.037029 | 0.033487 | 0.036730 | 0.040219 | 0.038894 | 0.033553 | 0.034238 | 0.032109 | 0.037490 | 0.034617 | 0.035229 | 0.034313 | 0.036790 | 0.035640 | 0.035198 | 0.033108 | 0.037616 | 0.032452 | 0.034753 |
| 0.137003 | 0.092821 | 0.053543 | 0.055808 | 0.054646 | 0.056553 | 0.056553 | 0.053945 | 0.053945 | 0.054890 | 0.054890 | 0.056062 | 0.056062 | 0.056022 | 0.056022 | 0.053071 | 0.053071 | 0.051470 | 0.051470 | 0.056897 | 0.056897 | 0.034909 | 0.034909 | 0.034909 | 0.034909 | 0.034909 | 0.034909 | 0.034909 | 0.034909 | 0.034909 | 0.034909 | 0.034909 | 0.034909 | 0.033339 | 0.035943 | 0.034341 | 0.033393 | 0.038923 | 0.038022 | 0.038428 | 0.033285 | 0.062910 | 0.029836 | 0.032263 | 0.031160 | 0.032612 | 0.037682 | 0.035210 | 0.028744 | 0.033248 | 0.037659 | 0.029937 | 0.033164 | 0.030446 | 0.032788 | 0.032363 | 0.032284 | 0.034667 | 0.034508 | 0.036081 | 0.037150 |
| 0.138254 | 0.086703 | 0.056171 | 0.050859 | 0.053586 | 0.055101 | 0.055101 | 0.052749 | 0.052749 | 0.056839 | 0.056839 | 0.054594 | 0.054594 | 0.055011 | 0.055011 | 0.052473 | 0.052473 | 0.051737 | 0.051737 | 0.049460 | 0.049460 | 0.034515 | 0.034515 | 0.034515 | 0.034515 | 0.034515 | 0.034515 | 0.034515 | 0.034515 | 0.034515 | 0.034515 | 0.034515 | 0.034515 | 0.036063 | 0.038371 | 0.032138 | 0.033259 | 0.033588 | 0.033771 | 0.033062 | 0.037456 | 0.037467 | 0.037697 | 0.038279 | 0.039688 | 0.040006 | 0.038239 | 0.038928 | 0.036537 | 0.039695 | 0.038937 | 0.035995 | 0.046347 | 0.042201 | 0.042364 | 0.046749 | 0.040721 | 0.038596 | 0.037633 | 0.030677 | 0.029139 |
| 0.137511 | 0.082076 | 0.055427 | 0.052054 | 0.052419 | 0.055900 | 0.055900 | 0.053816 | 0.053816 | 0.055277 | 0.055277 | 0.048956 | 0.048956 | 0.043188 | 0.043188 | 0.048585 | 0.048585 | 0.043219 | 0.043219 | 0.032591 | 0.032591 | 0.028869 | 0.028869 | 0.028869 | 0.028869 | 0.028869 | 0.028869 | 0.028869 | 0.028869 | 0.028869 | 0.028869 | 0.028869 | 0.028869 | 0.030501 | 0.032602 | 0.032897 | 0.038288 | 0.036567 | 0.036428 | 0.032695 | 0.038793 | 0.036675 | 0.040861 | 0.042742 | 0.041909 | 0.044000 | 0.045639 | 0.045424 | 0.049135 | 0.049303 | 0.052419 | 0.048374 | 0.045399 | 0.036526 | 0.033438 | 0.034192 | 0.034990 | 0.036895 | 0.034805 | 0.030128 | 0.027051 |
| 0.131289 | 0.081547 | 0.050497 | 0.049412 | 0.043872 | 0.041108 | 0.041108 | 0.041740 | 0.041740 | 0.039101 | 0.039101 | 0.032967 | 0.032967 | 0.033550 | 0.033550 | 0.036895 | 0.036895 | 0.031818 | 0.031818 | 0.034259 | 0.034259 | 0.035410 | 0.035410 | 0.035410 | 0.035410 | 0.035410 | 0.035410 | 0.035410 | 0.035410 | 0.035410 | 0.035410 | 0.035410 | 0.035410 | 0.026238 | 0.025152 | 0.027827 | 0.029022 | 0.031966 | 0.034017 | 0.034403 | 0.033475 | 0.035507 | 0.036025 | 0.035815 | 0.039877 | 0.043982 | 0.041656 | 0.041152 | 0.043587 | 0.045746 | 0.041559 | 0.042065 | 0.042127 | 0.041148 | 0.042107 | 0.042860 | 0.044555 | 0.043533 | 0.045226 | 0.040616 | 0.037385 |
| 0.125067 | 0.081017 | 0.033231 | 0.041973 | 0.040726 | 0.042732 | 0.042732 | 0.042775 | 0.042775 | 0.042689 | 0.042689 | 0.023554 | 0.023554 | 0.039433 | 0.039433 | 0.040281 | 0.040281 | 0.042339 | 0.042339 | 0.040231 | 0.040231 | 0.030303 | 0.030303 | 0.030303 | 0.030303 | 0.030303 | 0.030303 | 0.030303 | 0.030303 | 0.030303 | 0.030303 | 0.030303 | 0.030303 | 0.031479 | 0.030582 | 0.027360 | 0.029271 | 0.045198 | 0.013359 | 0.044764 | 0.034349 | 0.038331 | 0.036644 | 0.034379 | 0.033786 | 0.032785 | 0.035719 | 0.038224 | 0.046900 | 0.040343 | 0.039050 | 0.040245 | 0.045497 | 0.043552 | 0.041360 | 0.044927 | 0.042614 | 0.048302 | 0.046101 | 0.042397 | 0.046334 |
| 0.118845 | 0.080488 | -0.017576 | 0.030456 | 0.025113 | 0.030811 | 0.030811 | 0.035912 | 0.035912 | 0.044120 | 0.044120 | 0.038718 | 0.038718 | 0.043118 | 0.043118 | 0.037546 | 0.037546 | 0.032389 | 0.032389 | 0.025865 | 0.025865 | 0.034977 | 0.034977 | 0.034977 | 0.034977 | 0.034977 | 0.034977 | 0.034977 | 0.034977 | 0.034977 | 0.034977 | 0.034977 | 0.034977 | 0.032254 | 0.034138 | 0.031150 | 0.043860 | 0.042799 | 0.044336 | 0.047037 | 0.048485 | 0.045485 | 0.041407 | 0.044880 | 0.044660 | 0.041911 | 0.044111 | 0.041878 | 0.039147 | 0.043058 | 0.043441 | 0.043846 | 0.041841 | 0.046535 | 0.043219 | 0.045282 | 0.044686 | 0.046008 | 0.044666 | 0.046910 | 0.046945 |
| 0.112622 | 0.079958 | 0.032486 | 0.024674 | 0.025502 | 0.029340 | 0.029340 | 0.029509 | 0.029509 | 0.032610 | 0.032610 | 0.036550 | 0.036550 | 0.038497 | 0.038497 | 0.027922 | 0.027922 | 0.030001 | 0.030001 | 0.021395 | 0.021395 | 0.030310 | 0.030310 | 0.030310 | 0.030310 | 0.030310 | 0.030310 | 0.030310 | 0.030310 | 0.030310 | 0.030310 | 0.030310 | 0.030310 | 0.031708 | 0.030485 | 0.041815 | 0.026007 | 0.033062 | 0.032669 | 0.031636 | 0.039194 | 0.031279 | 0.035956 | 0.036329 | 0.039863 | 0.040669 | 0.038306 | 0.043810 | 0.047958 | 0.044527 | 0.043549 | 0.048256 | 0.045518 | 0.037299 | 0.043808 | 0.043575 | 0.045408 | 0.041170 | 0.045023 | 0.045334 | 0.045052 |
| 0.106948 | 0.079956 | 0.022292 | 0.024751 | 0.026928 | 0.023381 | 0.023381 | 0.020895 | 0.020895 | 0.024917 | 0.024917 | 0.028071 | 0.028071 | 0.030863 | 0.030863 | 0.027148 | 0.027148 | 0.034563 | 0.034563 | 0.032427 | 0.032427 | 0.030911 | 0.030911 | 0.030911 | 0.030911 | 0.030911 | 0.030911 | 0.030911 | 0.030911 | 0.030911 | 0.030911 | 0.030911 | 0.030911 | 0.034790 | 0.030497 | 0.034878 | 0.033980 | 0.040045 | 0.044259 | 0.045167 | 0.047927 | 0.046207 | 0.046879 | 0.046043 | 0.045930 | 0.050389 | 0.049647 | 0.048475 | 0.046305 | 0.050210 | 0.048404 | 0.053732 | 0.049696 | 0.045824 | 0.050418 | 0.046204 | 0.048312 | 0.047324 | 0.048290 | 0.049883 | 0.048177 |
| 0.107709 | 0.086154 | 0.028089 | 0.028092 | 0.023247 | 0.028719 | 0.028719 | 0.027453 | 0.027453 | 0.026992 | 0.026992 | 0.024306 | 0.024306 | 0.025172 | 0.025172 | 0.027041 | 0.027041 | 0.030191 | 0.030191 | 0.037035 | 0.037035 | 0.016314 | 0.016314 | 0.016314 | 0.016314 | 0.016314 | 0.016314 | 0.016314 | 0.016314 | 0.016314 | 0.016314 | 0.016314 | 0.016314 | 0.027891 | 0.028791 | 0.025993 | 0.026015 | 0.025104 | 0.025815 | 0.029066 | 0.033145 | 0.034816 | 0.033829 | 0.038675 | 0.038623 | 0.040830 | 0.043691 | 0.041426 | 0.041495 | 0.044437 | 0.044390 | 0.042443 | 0.049362 | 0.049954 | 0.048589 | 0.047610 | 0.050342 | 0.049095 | 0.048963 | 0.049940 | 0.048473 |
| 0.10847 | 0.092352 | 0.032236 | 0.031348 | 0.030865 | 0.030692 | 0.030692 | 0.032082 | 0.032082 | 0.029268 | 0.029268 | 0.029849 | 0.029849 | 0.031978 | 0.031978 | 0.029077 | 0.029077 | 0.029196 | 0.029196 | 0.028921 | 0.028921 | 0.035705 | 0.035705 | 0.035705 | 0.035705 | 0.035705 | 0.035705 | 0.035705 | 0.035705 | 0.035705 | 0.035705 | 0.035705 | 0.035705 | 0.030993 | 0.029351 | 0.028998 | 0.032566 | 0.030379 | 0.033147 | 0.033388 | 0.031710 | 0.033956 | 0.028862 | 0.027648 | 0.028960 | 0.028831 | 0.033113 | 0.033080 | 0.031475 | 0.035828 | 0.034002 | 0.036809 | 0.039030 | 0.041666 | 0.043303 | 0.047475 | 0.047369 | 0.048132 | 0.046819 | 0.048229 | 0.044306 |
| 0.114428 | 0.093806 | 0.030799 | 0.031090 | 0.038122 | 0.035540 | 0.035540 | 0.039287 | 0.039287 | 0.029596 | 0.029596 | 0.030776 | 0.030776 | 0.032077 | 0.032077 | 0.029967 | 0.029967 | 0.033451 | 0.033451 | 0.033346 | 0.033346 | 0.041350 | 0.041350 | 0.041350 | 0.041350 | 0.041350 | 0.041350 | 0.041350 | 0.041350 | 0.041350 | 0.041350 | 0.041350 | 0.041350 | 0.034182 | 0.032333 | 0.031503 | 0.063066 | 0.034669 | 0.031978 | 0.022734 | 0.019251 | 0.021165 | -0.015847 | 0.044633 | 0.040934 | 0.031927 | 0.041167 | 0.025155 | 0.035838 | 0.009006 | 0.032482 | 0.023307 | 0.032528 | 0.034331 | 0.036965 | 0.042776 | 0.036548 | 0.039001 | 0.040116 | 0.040887 | 0.039219 |
| 0.120532 | 0.095128 | -0.038786 | 0.030364 | -0.012262 | 0.034720 | 0.034720 | 0.027642 | 0.027642 | 0.032325 | 0.032325 | 0.032579 | 0.032579 | 0.029616 | 0.029616 | 0.031796 | 0.031796 | 0.024475 | 0.024475 | 0.032526 | 0.032526 | 0.044427 | 0.044427 | 0.044427 | 0.044427 | 0.044427 | 0.044427 | 0.044427 | 0.044427 | 0.044427 | 0.044427 | 0.044427 | 0.044427 | 0.033689 | 0.029801 | 0.032779 | 0.032129 | 0.027061 | 0.032649 | 0.034573 | 0.033861 | 0.026762 | 0.027934 | 0.029792 | 0.007886 | 0.030204 | 0.026394 | 0.028695 | 0.028412 | 0.034502 | 0.032692 | 0.033941 | 0.040840 | 0.039120 | 0.035451 | 0.041966 | 0.042904 | 0.080539 | 0.047765 | 0.048167 | 0.045121 |
| 0.126635 | 0.096449 | 0.048846 | 0.053624 | 0.049476 | 0.050654 | 0.050654 | 0.048521 | 0.048521 | 0.050689 | 0.050689 | 0.046910 | 0.046910 | 0.047682 | 0.047682 | 0.047115 | 0.047115 | 0.049912 | 0.049912 | 0.051360 | 0.051360 | 0.023320 | 0.023320 | 0.023320 | 0.023320 | 0.023320 | 0.023320 | 0.023320 | 0.023320 | 0.023320 | 0.023320 | 0.023320 | 0.023320 | 0.031209 | 0.028786 | 0.034116 | 0.033035 | 0.030157 | 0.034274 | 0.031979 | 0.026064 | 0.030179 | 0.033253 | 0.033830 | 0.034462 | 0.023538 | 0.018883 | 0.031210 | 0.033736 | 0.037275 | 0.035581 | 0.034648 | 0.035502 | 0.040027 | 0.035687 | 0.042057 | 0.038613 | 0.042215 | 0.042814 | 0.040411 | 0.040531 |
| 0.131529 | 0.095415 | 0.053827 | 0.054236 | 0.050911 | 0.052155 | 0.052155 | 0.052765 | 0.052765 | 0.050304 | 0.050304 | 0.051322 | 0.051322 | 0.053372 | 0.053372 | 0.048241 | 0.048241 | 0.048922 | 0.048922 | 0.050943 | 0.050943 | 0.031818 | 0.031818 | 0.031818 | 0.031818 | 0.031818 | 0.031818 | 0.031818 | 0.031818 | 0.031818 | 0.031818 | 0.031818 | 0.031818 | 0.044992 | 0.037081 | 0.034850 | 0.035450 | 0.037813 | 0.032531 | 0.033597 | 0.035010 | 0.035231 | 0.033486 | 0.034488 | 0.031773 | 0.032630 | 0.033064 | 0.032898 | 0.035076 | 0.036969 | 0.037010 | 0.033930 | 0.034032 | 0.037247 | 0.028392 | 0.026465 | 0.030892 | 0.031749 | 0.027419 | 0.041876 | 0.045405 |
| 0.132847 | 0.090302 | 0.052998 | 0.056448 | 0.051531 | 0.057153 | 0.057153 | 0.054598 | 0.054598 | 0.055472 | 0.055472 | 0.055889 | 0.055889 | 0.058110 | 0.058110 | 0.040632 | 0.040632 | 0.049396 | 0.049396 | 0.051202 | 0.051202 | 0.032294 | 0.032294 | 0.032294 | 0.032294 | 0.032294 | 0.032294 | 0.032294 | 0.032294 | 0.032294 | 0.032294 | 0.032294 | 0.032294 | 0.030786 | 0.032302 | 0.035193 | 0.032342 | 0.032296 | 0.031954 | 0.032616 | 0.033008 | 0.036047 | 0.032634 | 0.033762 | 0.033638 | 0.033681 | 0.037406 | 0.035513 | 0.032362 | 0.031307 | 0.030998 | 0.033492 | 0.039764 | 0.036860 | 0.039195 | 0.036807 | 0.034151 | 0.035363 | 0.041703 | 0.040329 | 0.038679 |
| 0.126713 | 0.089134 | 0.049574 | 0.046820 | 0.048553 | 0.046553 | 0.046553 | 0.043999 | 0.043999 | 0.051770 | 0.051770 | 0.048894 | 0.048894 | 0.047239 | 0.047239 | 0.030306 | 0.030306 | 0.068686 | 0.068686 | 0.033903 | 0.033903 | 0.034875 | 0.034875 | 0.034875 | 0.034875 | 0.034875 | 0.034875 | 0.034875 | 0.034875 | 0.034875 | 0.034875 | 0.034875 | 0.034875 | 0.034166 | 0.032879 | 0.027495 | 0.034202 | 0.037289 | 0.033514 | 0.035816 | 0.037614 | 0.034423 | 0.030691 | 0.037109 | 0.032185 | 0.035933 | 0.035629 | 0.035524 | 0.041726 | 0.037761 | 0.028751 | 0.033535 | 0.037260 | 0.037237 | 0.040923 | 0.019263 | 0.035676 | 0.040740 | 0.031493 | 0.041788 | 0.040840 |
| 0.120578 | 0.087965 | 0.037601 | 0.000664 | 0.037411 | 0.029671 | 0.029671 | 0.026907 | 0.026907 | 0.032020 | 0.032020 | 0.030435 | 0.030435 | 0.027441 | 0.027441 | 0.032937 | 0.032937 | 0.023105 | 0.023105 | 0.037551 | 0.037551 | 0.024827 | 0.024827 | 0.024827 | 0.024827 | 0.024827 | 0.024827 | 0.024827 | 0.024827 | 0.024827 | 0.024827 | 0.024827 | 0.024827 | 0.028699 | 0.034964 | 0.029144 | 0.038242 | 0.035780 | 0.033763 | 0.032329 | 0.031818 | 0.018453 | 0.028528 | 0.032964 | 0.033910 | 0.039553 | 0.036439 | 0.016221 | 0.038756 | 0.039656 | 0.031268 | 0.041979 | 0.045259 | 0.048302 | 0.048666 | 0.047616 | 0.049593 | 0.046340 | 0.046279 | 0.045487 | 0.045766 |
| 0.114444 | 0.086797 | 0.027180 | 0.028568 | 0.033003 | 0.029872 | 0.029872 | 0.029440 | 0.029440 | 0.027088 | 0.027088 | 0.029477 | 0.029477 | 0.034310 | 0.034310 | 0.031796 | 0.031796 | 0.035276 | 0.035276 | 0.039717 | 0.039717 | 0.029816 | 0.029816 | 0.029816 | 0.029816 | 0.029816 | 0.029816 | 0.029816 | 0.029816 | 0.029816 | 0.029816 | 0.029816 | 0.029816 | 0.033136 | 0.031678 | 0.024275 | 0.033553 | 0.028602 | 0.028941 | 0.023070 | 0.035834 | 0.021504 | 0.025132 | 0.021635 | 0.023825 | 0.040264 | 0.038988 | 0.031960 | 0.009037 | 0.032721 | 0.038782 | 0.038444 | 0.031706 | 0.045332 | 0.046832 | 0.042564 | 0.053865 | 0.040014 | 0.042842 | 0.043987 | 0.044376 |