$coordinates

| | | | |
|---|---|---|---|
| Sn | -5.10039985644824 | -4.15861387468502 | 2.73159570461230 |
| Sn | -7.30865119673819 | 2.15675908884019 | -6.28523741975171 |
| Sn | 0.78928192763361 | 9.02339666476053 | -4.76067175907190 |
| Ag | -0.26925365471540 | -1.98395648484717 | 0.43695859020541 |
| Ag | -6.94079346963443 | -3.00721349204405 | -3.79294154025576 |
| Ag | 2.48633065473650 | 0.95821359395547 | -6.71650225002471 |
| Ag | 3.13089174134178 | 8.26643929429018 | 0.23051521968527 |
| Ag | -2.28557787507806 | -0.43737678281742 | -4.61506723108493 |
| Ag | -3.92813657613390 | 6.47903706551681 | -3.76672924177256 |
| Sn | -3.90435873433875 | 1.32464245567243 | 5.20754298136529 |
| Sn | 0.24171597224799 | -7.56543017025933 | 2.07617800157920 |
| Sn | -2.87179621870444 | -6.55185709293587 | -2.76378396905825 |
| Sn | 3.00976437286895 | 6.09299535995816 | -8.97356341899370 |
| Ag | 4.80910204948682 | -5.73892080388130 | -0.30176318961013 |
| Ag | 4.67962633964584 | -0.21305903712209 | -1.73134321414735 |
| Sn | 6.04367856878239 | 3.76320429216790 | 1.96189847334975 |
| Ag | 4.92152860865414 | 4.89748798721322 | -3.66331693133449 |
| Sn | 1.96469253925022 | -4.29425645818080 | -4.78570773516765 |
| Ag | -0.05087280300545 | 3.42411179850453 | -0.92837920071671 |
| Sn | -2.15983914967186 | 10.68245004438880 | -0.06413083237030 |
| Sn | 0.10503447779993 | 6.77101957505537 | 4.47020478342942 |
| Ag | -8.69529570452167 | 5.04349931654313 | -1.82241003073823 |
| Ag | -5.43158957025895 | 0.79107564811255 | -0.11871645777230 |
| Ag | 1.56563832888323 | 1.63284358314245 | 4.40598509424700 |
| Sn | -0.06608170625325 | -3.40641858759349 | 6.29801082318264 |
| Sn | -2.30851128519535 | 3.74106170219831 | -8.41621134112527 |
| Sn | 5.41975674966084 | -2.27540755993569 | 3.80766007469194 |
| Ag | -4.61147900589070 | 5.95825765292008 | 1.70891368060403 |

$end

vibrational frequencies, intensities

| mode | au_amu | cm-1 | km/mol |
|---|---|---|---|
| 7 | 0.002369 | 12.2 | 0.39 |
| 8 | 0.003611 | 18.6 | 0.12 |
| 9 | 0.004116 | 21.2 | 0.23 |
| 10 | 0.004313 | 22.2 | 0.12 |
| 11 | 0.004739 | 24.4 | 0.36 |
| 12 | 0.004963 | 25.5 | 0.06 |
| 13 | 0.005132 | 26.4 | 0.14 |
| 14 | 0.005697 | 29.3 | 0.07 |
| 15 | 0.006196 | 31.9 | 0.13 |
| 16 | 0.006227 | 32.0 | 0.20 |
| 17 | 0.006692 | 34.4 | 0.08 |
| 18 | 0.006875 | 35.3 | 0.25 |
| 19 | 0.007229 | 37.2 | 0.14 |
| 20 | 0.007569 | 38.9 | 0.03 |
| 21 | 0.007721 | 39.7 | 0.04 |
| 22 | 0.007990 | 41.1 | 0.04 |
| 23 | 0.008559 | 44.0 | 0.41 |
| 24 | 0.008654 | 44.5 | 0.10 |

| | | | |
|---|---|---|---|
| 25 | 0.008837 | 45.4 | 0.05 |
| 26 | 0.009122 | 46.9 | 0.32 |
| 27 | 0.009358 | 48.1 | 0.19 |
| 28 | 0.009623 | 49.5 | 0.22 |
| 29 | 0.009776 | 50.3 | 0.05 |
| 30 | 0.010472 | 53.8 | 0.76 |
| 31 | 0.010883 | 55.9 | 0.02 |
| 32 | 0.011010 | 56.6 | 0.12 |
| 33 | 0.011342 | 58.3 | 0.56 |
| 34 | 0.011702 | 60.2 | 0.09 |
| 35 | 0.011750 | 60.4 | 0.34 |
| 36 | 0.012206 | 62.7 | 0.09 |
| 37 | 0.012379 | 63.6 | 0.04 |
| 38 | 0.012615 | 64.8 | 0.28 |
| 39 | 0.012788 | 65.7 | 0.25 |
| 40 | 0.012966 | 66.7 | 0.37 |
| 41 | 0.013411 | 68.9 | 0.10 |
| 42 | 0.013730 | 70.6 | 0.19 |
| 43 | 0.014000 | 72.0 | 0.11 |
| 44 | 0.014215 | 73.1 | 0.41 |
| 45 | 0.014528 | 74.7 | 0.16 |
| 46 | 0.014920 | 76.7 | 0.13 |
| 47 | 0.015519 | 79.8 | 0.21 |
| 48 | 0.015810 | 81.3 | 0.14 |
| 49 | 0.016271 | 83.6 | 0.08 |
| 50 | 0.016417 | 84.4 | 0.37 |
| 51 | 0.016612 | 85.4 | 0.45 |
| 52 | 0.016647 | 85.6 | 0.28 |
| 53 | 0.017309 | 89.0 | 0.32 |
| 54 | 0.017465 | 89.8 | 0.21 |
| 55 | 0.017867 | 91.8 | 0.21 |
| 56 | 0.018279 | 94.0 | 0.35 |
| 57 | 0.018473 | 95.0 | 0.33 |
| 58 | 0.019076 | 98.1 | 0.28 |
| 59 | 0.019303 | 99.2 | 0.12 |
| 60 | 0.019852 | 102.1 | 0.04 |
| 61 | 0.020031 | 103.0 | 0.10 |
| 62 | 0.020316 | 104.4 | 0.57 |
| 63 | 0.020748 | 106.7 | 0.22 |
| 64 | 0.021140 | 108.7 | 0.40 |
| 65 | 0.021443 | 110.2 | 0.13 |
| 66 | 0.021820 | 112.2 | 0.13 |
| 67 | 0.022364 | 115.0 | 0.73 |
| 68 | 0.022647 | 116.4 | 0.19 |
| 69 | 0.022860 | 117.5 | 0.18 |
| 70 | 0.023233 | 119.4 | 0.01 |
| 71 | 0.023791 | 122.3 | 0.16 |
| 72 | 0.024009 | 123.4 | 0.02 |
| 73 | 0.024518 | 126.0 | 0.30 |
| 74 | 0.024815 | 127.6 | 0.63 |
| 75 | 0.025193 | 129.5 | 0.21 |
| 76 | 0.025493 | 131.0 | 0.05 |
| 77 | 0.025590 | 131.5 | 0.04 |
| 78 | 0.025936 | 133.3 | 0.05 |

| | | | |
|---|---|---|---|
| 79 | 0.027036 | 139.0 | 0.21 |
| 80 | 0.027986 | 143.9 | 0.16 |
| 81 | 0.028578 | 146.9 | 0.28 |
| 82 | 0.028887 | 148.5 | 0.25 |
| 83 | 0.029411 | 151.2 | 0.53 |
| 84 | 0.031352 | 161.2 | 0.30 |

Frequencies (cm-1) and normal modes

| | 7: 12.2 | 8: 18.6 | 9: 21.2 | 10: 22.2 | 11: 24.4 | 12: 25.5 | 13: 26.4 | 14: 29.3 | 15: 31.9 |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.0707 | -0.0848 | -0.0187 | 0.0038 | -0.0379 | -0.0791 | -0.0159 | -0.0466 | 0.0265 |
| y | -0.0114 | 0.0508 | -0.1647 | 0.0962 | 0.1149 | -0.0944 | 0.0816 | 0.0250 | 0.1248 |
| z | 0.2634 | -0.2629 | 0.0626 | 0.0604 | 0.0141 | 0.0184 | -0.1233 | -0.0994 | 0.0729 |
| Sn x | -0.0038 | -0.0685 | 0.0344 | 0.0685 | 0.1283 | -0.0193 | -0.1907 | -0.1312 | -0.1220 |
| y | 0.0702 | -0.0345 | 0.1074 | -0.0890 | 0.0308 | -0.1390 | 0.0014 | 0.0385 | 0.0496 |
| z | -0.2469 | 0.1418 | 0.0371 | -0.1095 | 0.0169 | -0.0320 | -0.0483 | -0.0751 | -0.0593 |
| Sn x | -0.0253 | -0.0619 | -0.1022 | -0.0636 | -0.2434 | 0.0679 | -0.0451 | -0.0947 | -0.0175 |
| y | 0.0156 | 0.0459 | 0.1141 | 0.0166 | 0.0563 | 0.0962 | -0.1475 | 0.0849 | -0.1070 |
| z | -0.0815 | -0.1765 | -0.1393 | 0.0163 | -0.0227 | 0.0765 | 0.0225 | 0.0608 | 0.1024 |
| Ag x | -0.0212 | 0.0389 | -0.0767 | -0.0146 | 0.0810 | -0.0673 | 0.0755 | -0.0452 | 0.0717 |
| y | 0.0394 | -0.0169 | -0.0007 | -0.0182 | -0.0532 | -0.0112 | 0.0032 | 0.0940 | 0.0768 |
| z | 0.0939 | 0.0460 | -0.0046 | -0.0383 | -0.0124 | 0.0214 | -0.0221 | 0.0638 | -0.0512 |
| Ag x | -0.0488 | 0.1120 | -0.1480 | -0.0440 | 0.1038 | 0.1341 | -0.1552 | 0.0362 | -0.0905 |
| y | 0.2399 | 0.0037 | -0.0305 | -0.0257 | 0.0785 | -0.2193 | 0.1389 | 0.0053 | 0.1379 |
| z | -0.3046 | 0.1172 | -0.0401 | 0.2479 | -0.0617 | -0.0058 | -0.0883 | -0.3851 | -0.0849 |
| Ag x | 0.0405 | 0.0634 | -0.0805 | -0.0476 | 0.1765 | -0.0885 | -0.0071 | 0.0621 | 0.0221 |
| y | -0.0248 | -0.0056 | 0.0784 | 0.1288 | -0.0788 | 0.2317 | 0.0994 | -0.0793 | 0.0578 |
| z | -0.0972 | -0.0224 | 0.2197 | 0.2045 | -0.2016 | -0.0429 | 0.2340 | 0.0606 | 0.0010 |
| Ag x | -0.0840 | -0.0815 | 0.0135 | -0.1262 | -0.0901 | 0.1220 | -0.0069 | 0.1415 | 0.0093 |
| y | 0.0821 | 0.1820 | 0.2654 | 0.0839 | 0.0875 | -0.0125 | 0.0592 | -0.0480 | -0.1770 |
| z | -0.0116 | -0.1175 | -0.2606 | 0.0458 | -0.1522 | 0.0397 | 0.0725 | -0.1511 | 0.1108 |
| Ag x | 0.0496 | 0.0983 | -0.1556 | -0.1140 | 0.2072 | -0.0376 | -0.0234 | 0.0577 | 0.0076 |
| y | 0.2550 | 0.0257 | -0.0981 | -0.0218 | -0.0542 | 0.1162 | -0.0610 | 0.0676 | -0.1467 |
| z | 0.1159 | 0.0714 | -0.0438 | -0.0085 | -0.1182 | 0.0050 | 0.0301 | 0.0697 | -0.2619 |
| Ag x | 0.1085 | 0.0936 | -0.0577 | -0.0847 | -0.1109 | 0.1551 | 0.0180 | -0.0669 | -0.1547 |
| y | -0.2166 | -0.1099 | 0.0847 | 0.0322 | -0.0996 | -0.0859 | -0.2365 | 0.0471 | 0.0242 |
| z | -0.0505 | 0.0414 | -0.0211 | -0.1030 | 0.1449 | -0.0383 | -0.0161 | 0.1473 | -0.0790 |
| Sn x | 0.0623 | -0.0286 | -0.0291 | 0.2139 | 0.0463 | -0.0007 | 0.1483 | 0.1205 | -0.0786 |
| y | 0.0264 | -0.0257 | -0.1193 | 0.1575 | 0.0855 | 0.0106 | 0.0215 | -0.0114 | 0.1813 |
| z | 0.1197 | -0.0676 | 0.0430 | -0.0195 | 0.0240 | -0.0140 | -0.0338 | -0.2238 | 0.0375 |
| Sn x | 0.0703 | 0.1333 | -0.0163 | 0.0392 | -0.3023 | -0.1470 | -0.2867 | 0.1093 | 0.1603 |
| y | 0.0000 | -0.0121 | -0.0256 | 0.0127 | -0.0490 | 0.0200 | -0.0929 | 0.1109 | 0.1744 |
| z | -0.0274 | -0.0145 | -0.0702 | 0.0951 | 0.1727 | 0.3035 | -0.1293 | 0.0570 | 0.0397 |
| Sn x | -0.1744 | 0.1526 | -0.0668 | 0.0015 | 0.0359 | 0.1930 | -0.0409 | -0.0569 | -0.0026 |
| y | 0.2374 | -0.0371 | 0.0082 | -0.0323 | 0.0454 | -0.0839 | 0.1922 | -0.0132 | 0.1876 |
| z | 0.1483 | -0.0330 | -0.0452 | 0.1015 | -0.0595 | 0.0363 | -0.2142 | 0.1131 | 0.1135 |
| Sn x | 0.0460 | -0.1442 | 0.1674 | 0.1503 | 0.1014 | -0.1922 | -0.1995 | -0.1468 | -0.1816 |
| y | 0.0228 | -0.0634 | 0.0163 | 0.0735 | 0.1544 | 0.2246 | -0.1115 | -0.0001 | 0.0459 |
| z | -0.0486 | -0.1300 | 0.1071 | 0.1253 | 0.1103 | -0.1230 | -0.0601 | 0.0664 | -0.0538 |
| Ag x | 0.0399 | 0.1418 | 0.0359 | -0.0349 | -0.2936 | -0.2872 | -0.1821 | 0.1841 | 0.2003 |
| y | -0.0188 | -0.0849 | -0.0353 | -0.1741 | -0.1353 | 0.0147 | 0.0292 | -0.1022 | 0.0134 |
| z | -0.1138 | -0.1094 | 0.0321 | -0.2034 | 0.1130 | -0.0038 | 0.2290 | 0.0346 | -0.0698 |
| Ag x | -0.0760 | 0.0204 | 0.0495 | 0.0660 | 0.0085 | -0.0159 | 0.2038 | 0.0960 | 0.1115 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| y | 0.0243 | 0.0271 | 0.0415 | -0.0337 | -0.0826 | 0.0554 | 0.0403 | -0.0577 | -0.0127 |
| z | -0.0174 | 0.0748 | 0.1370 | 0.1131 | -0.0952 | -0.0120 | 0.1330 | 0.0805 | 0.0096 |
| Sn x | -0.1279 | -0.2364 | -0.1235 | 0.0661 | -0.0519 | 0.1030 | 0.1520 | 0.2075 | -0.0317 |
| y | 0.0185 | 0.0671 | 0.1749 | 0.0906 | -0.0008 | -0.0322 | 0.1490 | -0.0085 | -0.1290 |
| z | -0.0006 | 0.0469 | 0.0724 | -0.0027 | -0.1303 | -0.0621 | 0.0752 | -0.0810 | 0.0825 |
| Ag x | -0.0848 | -0.1376 | 0.1349 | 0.0431 | -0.0887 | 0.0368 | 0.0838 | 0.0595 | 0.0401 |
| y | 0.0333 | 0.0470 | 0.0531 | 0.0385 | -0.0338 | 0.0860 | 0.0722 | -0.0867 | -0.0096 |
| z | -0.0075 | -0.0271 | 0.0437 | 0.1524 | -0.0126 | -0.0947 | 0.0677 | -0.0741 | -0.0331 |
| Sn x | -0.1322 | 0.0958 | -0.0091 | -0.0791 | 0.0998 | -0.0078 | 0.1427 | -0.0349 | 0.0789 |
| y | 0.0375 | 0.0639 | 0.0503 | 0.0820 | -0.0908 | 0.2511 | 0.0758 | -0.0290 | 0.0105 |
| z | 0.0376 | 0.0009 | 0.1086 | -0.0395 | -0.0952 | -0.0688 | 0.0168 | 0.2157 | 0.0026 |
| Ag x | 0.0869 | 0.0597 | 0.0737 | -0.0733 | -0.0023 | 0.1470 | 0.1063 | -0.0046 | 0.0248 |
| y | 0.0055 | -0.0033 | -0.0269 | 0.0181 | -0.0088 | -0.0431 | -0.0159 | 0.0453 | -0.0099 |
| z | 0.2222 | 0.1886 | -0.2569 | -0.0550 | 0.0353 | 0.0034 | 0.0287 | 0.0112 | -0.2581 |
| Sn x | -0.0857 | 0.0197 | -0.0766 | -0.0709 | -0.1583 | 0.0224 | -0.0512 | -0.0551 | 0.0791 |
| y | -0.0846 | 0.0716 | 0.0243 | 0.0814 | 0.0253 | -0.0673 | -0.0772 | -0.0492 | -0.0088 |
| z | -0.0846 | -0.1191 | -0.0410 | -0.0692 | 0.0404 | 0.0762 | -0.0697 | 0.1696 | 0.0306 |
| Sn x | 0.0161 | 0.1600 | 0.2986 | -0.1064 | 0.0993 | 0.0842 | 0.0182 | 0.0671 | 0.0040 |
| y | -0.0489 | -0.0519 | 0.0548 | -0.2476 | 0.0208 | 0.0004 | -0.0677 | -0.0255 | -0.0347 |
| z | 0.0510 | -0.0118 | -0.1997 | -0.0709 | -0.0666 | 0.0175 | 0.0461 | -0.2353 | 0.1517 |
| Ag x | 0.0724 | 0.0299 | 0.0731 | -0.0904 | -0.0633 | 0.1235 | -0.0256 | -0.1375 | -0.0132 |
| y | -0.1570 | 0.2021 | -0.0922 | -0.0732 | -0.2077 | -0.0304 | 0.0228 | 0.0450 | -0.2387 |
| z | -0.0745 | 0.0629 | 0.1904 | -0.1706 | 0.1889 | -0.0971 | 0.0158 | -0.0645 | 0.1630 |
| Ag x | -0.0639 | 0.0564 | -0.0466 | 0.0179 | 0.2746 | -0.0875 | 0.0216 | -0.1855 | 0.2919 |
| y | -0.1414 | 0.2025 | -0.1716 | 0.1023 | 0.0228 | -0.1452 | 0.0553 | -0.0210 | -0.0263 |
| z | 0.1312 | -0.0596 | 0.0643 | 0.0657 | -0.0740 | 0.0141 | -0.0347 | -0.1816 | -0.0780 |
| Ag x | 0.0730 | 0.0148 | -0.0719 | 0.2379 | 0.0519 | 0.0735 | 0.1547 | 0.1912 | -0.0798 |
| y | -0.0666 | -0.1220 | -0.0371 | -0.1638 | 0.0010 | 0.0059 | -0.0293 | 0.0312 | -0.0443 |
| z | 0.2246 | 0.2274 | -0.0774 | -0.1444 | 0.0073 | -0.0390 | -0.0508 | -0.0149 | -0.0140 |
| Sn x | 0.0802 | -0.2012 | -0.0563 | 0.0573 | -0.0164 | -0.1513 | 0.0534 | -0.0602 | -0.1616 |
| y | -0.0999 | -0.1455 | -0.0585 | -0.0010 | 0.0911 | 0.1449 | -0.0434 | 0.0676 | 0.0566 |
| z | 0.0653 | 0.0123 | 0.0061 | 0.0350 | 0.0632 | 0.1381 | -0.1018 | 0.0629 | 0.0815 |
| Sn x | 0.0645 | -0.0956 | 0.0869 | 0.0895 | 0.1169 | -0.1101 | -0.1348 | -0.0429 | -0.1226 |
| y | -0.0515 | -0.1316 | 0.0349 | 0.0266 | 0.0739 | 0.0339 | -0.2303 | 0.0687 | -0.0432 |
| z | -0.2071 | -0.0033 | 0.0268 | -0.0199 | 0.0455 | -0.1355 | -0.0625 | 0.2162 | -0.0762 |
| Sn x | 0.0154 | -0.1809 | -0.1014 | 0.0497 | -0.0086 | -0.0969 | 0.1909 | -0.0200 | -0.1612 |
| y | -0.0958 | -0.2905 | -0.0736 | -0.3472 | -0.0491 | -0.1684 | 0.0834 | -0.1362 | -0.1861 |
| z | -0.0581 | 0.0678 | 0.0550 | -0.0784 | -0.0390 | 0.0765 | 0.0953 | 0.0643 | 0.1517 |
| Ag x | 0.0378 | 0.0573 | 0.2697 | -0.1753 | -0.0543 | 0.1424 | 0.0087 | -0.1945 | 0.1153 |
| y | -0.0924 | 0.1696 | -0.1813 | 0.1907 | 0.0307 | -0.1683 | -0.0039 | -0.0691 | 0.0177 |
| z | -0.0376 | 0.0821 | -0.0074 | -0.1316 | 0.1611 | -0.0724 | 0.0172 | 0.0766 | -0.0647 |

16: 32.0 17: 34.4 18: 35.3 19: 37.2 20: 38.9 21: 39.7 22: 41.1 23: 44.0 24: 44.5

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | -0.0534 | 0.0394 | -0.0498 | -0.0857 | -0.1034 | -0.0136 | -0.0631 | -0.1088 | 0.0580 |
| y | -0.0394 | -0.1426 | -0.0657 | -0.0799 | 0.0815 | 0.0570 | 0.0208 | -0.0173 | 0.1667 |
| z | -0.1416 | 0.0630 | -0.0217 | -0.0383 | 0.0890 | 0.0318 | -0.0171 | 0.0167 | 0.3231 |
| Sn x | 0.0225 | 0.0011 | -0.0044 | -0.0166 | 0.0200 | -0.0855 | 0.0766 | 0.1433 | 0.0020 |
| y | 0.0074 | 0.0458 | -0.0066 | -0.1893 | -0.0128 | 0.0483 | -0.0707 | 0.1312 | -0.1221 |
| z | -0.0384 | -0.0134 | 0.1086 | -0.2442 | -0.1079 | 0.1104 | 0.0394 | 0.1050 | 0.1174 |
| Sn x | -0.1321 | 0.0944 | 0.0759 | 0.0579 | 0.0628 | -0.0950 | -0.2212 | -0.0482 | 0.0071 |
| y | -0.2976 | 0.0423 | -0.2692 | 0.1987 | -0.1307 | -0.0279 | 0.0508 | 0.0452 | 0.0619 |
| z | -0.0972 | -0.1188 | 0.0275 | 0.1163 | -0.0360 | 0.1319 | 0.1475 | -0.0840 | -0.0119 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ag x | 0.0001 | -0.0293 | -0.0904 | -0.0005 | -0.2424 | -0.0210 | -0.1252 | -0.0747 | 0.0533 |
| y | 0.0661 | -0.0621 | 0.0518 | -0.0488 | -0.0495 | -0.1469 | 0.0373 | -0.0797 | -0.1152 |
| z | -0.0097 | -0.0428 | 0.0020 | 0.0070 | -0.1044 | -0.1745 | 0.0306 | 0.1210 | -0.0592 |
| Ag x | 0.0479 | 0.1398 | 0.1865 | -0.0171 | 0.0361 | 0.2355 | -0.0110 | -0.0513 | -0.0041 |
| y | 0.0489 | 0.1060 | -0.0284 | 0.1701 | -0.0920 | 0.0879 | -0.0215 | 0.1249 | -0.1225 |
| z | 0.1639 | -0.0271 | -0.1183 | 0.2694 | -0.0088 | -0.0262 | 0.0943 | 0.0196 | -0.1940 |
| Ag x | -0.0692 | 0.1171 | 0.2040 | 0.0801 | 0.0127 | 0.1625 | -0.0062 | 0.1318 | 0.0630 |
| y | 0.0907 | -0.0830 | -0.0612 | -0.0746 | -0.0029 | -0.0134 | -0.0970 | 0.0682 | 0.0306 |
| z | -0.0024 | -0.1168 | 0.0040 | 0.0024 | -0.0063 | -0.0233 | -0.1495 | -0.0316 | 0.0783 |
| Ag x | 0.1064 | -0.0144 | 0.0294 | 0.1405 | 0.0519 | 0.0048 | 0.1251 | -0.2422 | 0.1303 |
| y | -0.1871 | -0.0288 | 0.0995 | 0.0451 | 0.1602 | 0.1061 | -0.0596 | -0.3276 | -0.0328 |
| z | -0.1517 | -0.0519 | 0.1497 | -0.0252 | 0.0770 | 0.0341 | -0.0364 | -0.0493 | -0.1356 |
| Ag x | -0.0864 | 0.0965 | 0.1530 | 0.0604 | -0.0362 | 0.1157 | 0.0378 | 0.1073 | 0.0914 |
| y | 0.2300 | 0.1912 | 0.1655 | 0.0091 | -0.0727 | 0.2804 | -0.0339 | -0.1544 | -0.1316 |
| z | 0.0669 | 0.0189 | 0.1097 | 0.0789 | -0.2994 | -0.0069 | 0.0561 | 0.0632 | 0.1450 |
| Ag x | -0.1408 | -0.1344 | -0.1930 | 0.1619 | 0.1071 | 0.0148 | -0.1233 | 0.0550 | 0.0503 |
| y | -0.2232 | 0.3659 | 0.0840 | -0.0247 | -0.1704 | -0.1877 | -0.1121 | -0.0755 | -0.0071 |
| z | 0.1408 | -0.0922 | -0.0576 | 0.0875 | 0.2030 | -0.0356 | -0.2307 | 0.0422 | 0.1038 |
| Sn x | -0.0442 | 0.0496 | 0.0581 | -0.0073 | 0.0397 | -0.1368 | 0.1171 | 0.0525 | -0.1203 |
| y | -0.0593 | -0.0475 | 0.0502 | -0.0080 | 0.0092 | 0.0040 | 0.1159 | -0.0736 | 0.2842 |
| z | 0.1292 | 0.0969 | 0.0213 | 0.1647 | -0.1150 | 0.0809 | -0.0564 | 0.0688 | 0.0422 |
| Sn x | 0.0462 | -0.0700 | -0.0589 | -0.0362 | 0.0409 | 0.0890 | 0.0311 | 0.0163 | -0.0016 |
| y | 0.0751 | -0.1374 | 0.0312 | -0.0420 | 0.0869 | -0.0982 | 0.0176 | -0.0461 | -0.0388 |
| z | -0.0486 | 0.0253 | -0.0535 | -0.1858 | -0.0226 | 0.0717 | -0.1613 | 0.0204 | -0.0743 |
| Sn x | 0.0849 | 0.0688 | 0.0290 | -0.1348 | -0.1234 | -0.0907 | -0.0004 | -0.0566 | 0.0552 |
| y | 0.0225 | 0.0691 | -0.0843 | -0.0349 | -0.1914 | -0.1489 | -0.0053 | 0.0508 | 0.0979 |
| z | -0.0679 | -0.0374 | -0.0872 | -0.0824 | 0.0560 | 0.2169 | -0.0981 | 0.0591 | -0.0383 |
| Sn x | 0.2438 | -0.1347 | -0.0129 | -0.2374 | 0.0262 | -0.0713 | 0.0373 | 0.0090 | -0.0625 |
| y | -0.0055 | -0.0827 | -0.2011 | 0.0385 | -0.0987 | 0.0587 | 0.2225 | 0.1775 | -0.0260 |
| z | -0.0550 | -0.2000 | -0.0573 | 0.0101 | -0.1314 | 0.1380 | 0.2525 | -0.1906 | 0.0275 |
| Ag x | 0.0128 | -0.0737 | -0.0321 | 0.0980 | 0.0383 | 0.0452 | 0.0977 | 0.0473 | -0.1159 |
| y | 0.1675 | 0.1024 | -0.1650 | -0.0513 | 0.1990 | 0.0308 | 0.1902 | -0.0303 | 0.1711 |
| z | -0.0302 | 0.2249 | -0.2126 | -0.0158 | -0.0168 | 0.0417 | 0.0553 | -0.0137 | -0.2264 |
| Ag x | 0.0908 | -0.0609 | -0.1300 | -0.0055 | -0.3237 | 0.1688 | -0.3246 | -0.1801 | -0.0163 |
| y | 0.0211 | 0.0839 | 0.0405 | 0.0405 | 0.1909 | -0.0859 | 0.0712 | 0.2006 | 0.1251 |
| z | -0.0139 | 0.1151 | 0.1420 | 0.0113 | 0.1466 | -0.0664 | 0.0832 | 0.0744 | 0.0382 |
| Sn x | 0.0780 | -0.0388 | 0.1370 | 0.1015 | 0.0404 | -0.0381 | 0.1674 | 0.1106 | -0.0737 |
| y | -0.1092 | 0.0515 | 0.1424 | 0.0400 | 0.1861 | -0.0128 | -0.0597 | 0.0882 | -0.0204 |
| z | 0.0465 | 0.0229 | 0.0425 | -0.0163 | 0.0626 | 0.0088 | 0.0202 | -0.0332 | 0.2240 |
| Ag x | 0.2437 | -0.1214 | 0.0448 | 0.0220 | -0.0280 | 0.1049 | -0.0935 | 0.1934 | 0.1849 |
| y | -0.0819 | -0.0204 | 0.0192 | 0.0371 | 0.1033 | -0.0022 | -0.0883 | 0.1621 | 0.0311 |
| z | -0.1129 | -0.0993 | 0.1386 | -0.0709 | 0.0218 | 0.0884 | -0.0127 | -0.2638 | -0.0346 |
| Sn x | -0.0399 | 0.0959 | -0.0202 | -0.0166 | -0.1294 | -0.1625 | 0.0269 | 0.0413 | 0.0617 |
| y | 0.2057 | 0.0508 | 0.0190 | -0.0999 | -0.0811 | -0.0490 | -0.0893 | 0.0182 | -0.0442 |
| z | -0.0386 | 0.0723 | -0.0526 | 0.0881 | 0.0461 | 0.0765 | -0.0312 | 0.0874 | -0.3328 |
| Ag x | 0.0611 | -0.2095 | -0.0646 | 0.1030 | 0.0283 | 0.1630 | -0.1008 | 0.0123 | -0.0174 |
| y | 0.0185 | 0.0834 | 0.1790 | 0.0228 | -0.0217 | -0.0256 | 0.0848 | -0.1307 | 0.0029 |
| z | 0.0656 | -0.0534 | 0.0111 | -0.0083 | 0.0834 | -0.1352 | 0.0501 | -0.1767 | 0.0850 |
| Sn x | 0.1052 | 0.1483 | -0.0191 | -0.0880 | 0.0873 | -0.1279 | 0.0135 | -0.0933 | 0.0788 |
| y | -0.0956 | 0.0361 | -0.0192 | 0.0658 | -0.0956 | 0.0360 | 0.0339 | -0.0895 | 0.0234 |
| z | -0.0907 | -0.0044 | -0.1338 | 0.0650 | 0.0066 | -0.0110 | 0.1291 | -0.0586 | 0.0049 |
| Sn x | -0.0073 | 0.0064 | -0.0351 | 0.0132 | 0.1214 | 0.0138 | 0.2075 | -0.1689 | 0.0473 |
| y | 0.0168 | -0.2511 | 0.1993 | 0.1380 | -0.0998 | -0.0972 | 0.0043 | -0.0402 | -0.0342 |
| z | -0.1601 | -0.0802 | 0.1478 | -0.1159 | 0.0635 | -0.0655 | 0.0019 | 0.1242 | -0.1745 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ag x | -0.1875 | -0.0031 | -0.0453 | 0.1393 | 0.0432 | -0.0451 | -0.0480 | 0.0036 | -0.0346 |
| y | -0.1782 | -0.0976 | -0.1217 | -0.2784 | -0.1011 | 0.2238 | 0.0167 | 0.2408 | 0.0283 |
| z | 0.0856 | 0.0079 | 0.2169 | -0.2380 | 0.0180 | 0.0543 | 0.0316 | 0.0536 | -0.0398 |
| Ag x | -0.0360 | -0.0039 | -0.0762 | 0.2025 | 0.1481 | -0.0300 | -0.1217 | -0.0425 | -0.1025 |
| y | 0.0647 | -0.0560 | -0.0953 | 0.0313 | 0.0488 | 0.0917 | 0.0413 | 0.0395 | -0.0994 |
| z | 0.1737 | 0.1711 | 0.0852 | 0.2236 | -0.1913 | 0.0416 | 0.0299 | 0.0370 | -0.0040 |
| Ag x | -0.0537 | 0.0174 | 0.0630 | -0.0793 | 0.0432 | -0.2099 | 0.1166 | 0.0459 | -0.1634 |
| y | 0.0186 | -0.2300 | 0.1897 | 0.1115 | -0.1171 | -0.1436 | -0.0202 | 0.0236 | -0.1199 |
| z | 0.0425 | -0.1523 | -0.1511 | -0.1400 | -0.1201 | -0.3780 | 0.0075 | -0.1614 | -0.0478 |
| Sn x | -0.1255 | -0.0030 | -0.0403 | -0.1109 | 0.0219 | 0.0125 | -0.1051 | -0.0099 | -0.0235 |
| y | -0.0121 | -0.1304 | 0.1280 | -0.0326 | -0.0063 | -0.0116 | -0.0401 | -0.0209 | -0.0089 |
| z | -0.0013 | 0.0301 | -0.0946 | -0.1004 | 0.0357 | -0.0532 | -0.0792 | 0.0214 | -0.0375 |
| Sn x | 0.0484 | -0.0606 | -0.0144 | -0.0109 | -0.0190 | -0.0671 | 0.0697 | 0.2056 | -0.0014 |
| y | 0.1586 | 0.1282 | -0.0904 | -0.0413 | 0.1944 | -0.0714 | -0.2545 | -0.1381 | -0.1410 |
| z | -0.0759 | 0.0539 | 0.0377 | 0.1492 | -0.0121 | -0.1767 | -0.2207 | 0.0879 | 0.2166 |
| Sn x | -0.0435 | 0.1255 | -0.1843 | -0.2045 | 0.0823 | 0.0516 | 0.0500 | -0.0685 | -0.0048 |
| y | 0.0259 | -0.0555 | -0.1348 | -0.0048 | 0.0552 | 0.0883 | 0.0030 | -0.0771 | -0.0206 |
| z | 0.1256 | 0.2638 | -0.1858 | -0.0316 | 0.0568 | 0.0172 | 0.1945 | -0.0289 | -0.0164 |
| Ag x | -0.1812 | -0.0582 | 0.0974 | -0.0909 | -0.0544 | 0.0478 | 0.1499 | -0.0315 | -0.1424 |
| y | 0.0562 | 0.0890 | -0.0415 | 0.0644 | 0.0333 | 0.0204 | 0.0442 | -0.0699 | 0.0528 |
| z | 0.1210 | -0.0849 | -0.0038 | 0.0503 | 0.2065 | -0.0198 | -0.1366 | 0.0803 | 0.0080 |

25: 45.4 26: 46.9 27: 48.1 28: 49.5 29: 50.3 30: 53.8 31: 55.9 32: 56.6 33: 58.3

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.0359 | -0.0146 | -0.0934 | 0.0366 | 0.0923 | 0.1056 | 0.0460 | 0.0821 | -0.0114 |
| y | -0.1973 | 0.1103 | 0.1629 | 0.0640 | -0.1435 | -0.1211 | -0.3074 | 0.1346 | -0.0341 |
| z | -0.2576 | 0.0883 | -0.0749 | 0.1291 | 0.1860 | -0.1598 | 0.0638 | 0.1667 | 0.1768 |
| Sn x | -0.0395 | -0.0767 | 0.0300 | -0.0661 | -0.0547 | -0.1608 | 0.0465 | 0.1374 | -0.0582 |
| y | 0.0600 | -0.1393 | -0.0666 | 0.0125 | 0.0259 | 0.0319 | 0.1567 | 0.0543 | 0.0417 |
| z | -0.0148 | 0.0286 | -0.0635 | 0.0452 | 0.1272 | -0.2229 | 0.1792 | -0.0473 | -0.0606 |
| Sn x | -0.0063 | -0.0998 | -0.0112 | -0.0170 | 0.1156 | -0.1245 | 0.0078 | -0.0619 | -0.0941 |
| y | 0.0339 | 0.0682 | 0.0039 | 0.2269 | -0.0571 | 0.0820 | 0.1582 | -0.0914 | -0.1394 |
| z | 0.0051 | -0.0227 | -0.0270 | -0.1070 | 0.1013 | -0.0295 | -0.0312 | -0.0000 | 0.0557 |
| Ag x | 0.1298 | -0.0736 | -0.0204 | -0.0277 | -0.1214 | -0.0153 | -0.0326 | 0.1907 | -0.0727 |
| y | -0.0019 | 0.1234 | 0.2280 | -0.0455 | 0.1250 | -0.0539 | 0.0666 | -0.0759 | -0.1084 |
| z | 0.0619 | 0.0990 | -0.0443 | -0.1019 | 0.0265 | -0.0946 | -0.0607 | -0.1243 | 0.0348 |
| Ag x | -0.0516 | 0.1816 | -0.0302 | 0.1123 | -0.0509 | -0.0584 | -0.0280 | 0.0336 | -0.0604 |
| y | 0.1202 | -0.0678 | -0.0282 | -0.1033 | 0.1018 | 0.0993 | 0.0199 | -0.0625 | -0.0013 |
| z | -0.0004 | 0.0725 | 0.1746 | -0.0365 | 0.1953 | -0.0019 | 0.0103 | 0.1074 | 0.1044 |
| Ag x | 0.1211 | 0.1135 | 0.1461 | -0.0208 | 0.1291 | 0.0137 | 0.0844 | 0.0429 | 0.1492 |
| y | -0.0866 | 0.0747 | -0.2646 | -0.1431 | -0.0202 | -0.1426 | -0.0668 | 0.0302 | -0.1742 |
| z | 0.0321 | 0.0305 | -0.1321 | 0.0235 | -0.1450 | 0.0213 | 0.0203 | 0.0941 | -0.2395 |
| Ag x | -0.0143 | -0.0277 | -0.0914 | -0.3319 | 0.1626 | -0.0446 | 0.0600 | 0.0964 | 0.0850 |
| y | 0.0100 | -0.1821 | 0.0557 | -0.2568 | 0.1121 | -0.2134 | -0.0503 | -0.0633 | 0.0432 |
| z | 0.0048 | -0.1222 | 0.0206 | -0.1109 | -0.0242 | -0.1644 | 0.0124 | -0.0859 | 0.0745 |
| Ag x | 0.0476 | 0.1011 | -0.0224 | -0.0923 | 0.0493 | -0.0990 | -0.0122 | -0.0318 | -0.0381 |
| y | -0.0468 | 0.1183 | 0.0382 | 0.1747 | -0.0355 | 0.0690 | -0.0427 | 0.0268 | -0.0031 |
| z | 0.0302 | -0.0775 | 0.0474 | -0.1003 | -0.2438 | -0.0634 | -0.1284 | -0.0903 | -0.0472 |
| Ag x | -0.0465 | -0.1238 | -0.0000 | 0.1499 | 0.0572 | 0.0432 | 0.1208 | -0.1122 | -0.0402 |
| y | 0.0927 | 0.1182 | 0.0557 | -0.0032 | -0.0419 | -0.0639 | -0.1139 | 0.0890 | -0.1304 |
| z | -0.0574 | -0.1174 | 0.0167 | 0.0544 | -0.0090 | -0.0162 | -0.0542 | -0.1287 | 0.1320 |
| Sn x | 0.0398 | -0.0357 | -0.0293 | 0.1430 | 0.0501 | -0.1178 | -0.1030 | 0.0316 | 0.0193 |
| y | -0.1661 | -0.0532 | 0.0685 | 0.1580 | -0.1571 | -0.1287 | 0.0214 | 0.0069 | 0.0005 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| z | -0.0848 | -0.0151 | 0.1549 | 0.0123 | 0.0405 | -0.0023 | -0.0317 | 0.0138 | -0.1376 |
| Sn x | 0.1041 | -0.1412 | -0.0727 | -0.0135 | 0.0140 | 0.0706 | -0.1039 | -0.0600 | 0.0009 |
| y | -0.0756 | -0.0234 | 0.3013 | 0.0292 | 0.0359 | 0.0219 | 0.2675 | -0.0923 | -0.1024 |
| z | 0.1490 | -0.0985 | -0.0082 | -0.1518 | -0.0250 | 0.2662 | -0.0407 | -0.0913 | -0.0283 |
| Sn x | -0.1717 | -0.0882 | 0.0354 | 0.0378 | 0.0890 | 0.1531 | -0.1155 | -0.1305 | 0.0392 |
| y | -0.1021 | -0.1618 | 0.0110 | -0.1022 | 0.2225 | 0.1315 | -0.1535 | -0.1500 | 0.0421 |
| z | 0.1967 | -0.0252 | -0.0986 | -0.1683 | -0.0300 | 0.0615 | -0.1987 | 0.0226 | -0.0378 |
| Sn x | -0.0267 | -0.0903 | 0.0447 | 0.0087 | -0.0384 | -0.0083 | -0.0458 | -0.0243 | 0.0150 |
| y | -0.0518 | 0.0058 | -0.1904 | -0.1367 | -0.0382 | -0.0905 | 0.0213 | 0.0880 | 0.0846 |
| z | 0.0464 | 0.0407 | 0.0163 | 0.1151 | 0.0607 | 0.1514 | 0.0436 | -0.1667 | -0.0092 |
| Ag x | -0.2898 | -0.0778 | -0.0228 | 0.0303 | -0.0390 | -0.0848 | 0.0482 | -0.0183 | -0.0332 |
| y | 0.4009 | -0.1434 | 0.1126 | 0.1270 | -0.0102 | -0.1512 | -0.0412 | -0.0074 | -0.0161 |
| z | -0.1960 | 0.0033 | -0.1051 | -0.0154 | -0.0393 | -0.0997 | -0.0651 | -0.0327 | -0.0329 |
| Ag x | 0.0812 | -0.1047 | 0.1725 | 0.0983 | -0.1487 | -0.1057 | 0.1882 | 0.3316 | 0.1811 |
| y | 0.0832 | 0.0822 | 0.0432 | -0.0948 | -0.0762 | 0.0906 | 0.0831 | 0.0717 | 0.0594 |
| z | 0.0260 | 0.0790 | -0.0464 | 0.1386 | 0.1137 | 0.2001 | -0.0010 | 0.0748 | 0.0904 |
| Sn x | 0.0540 | -0.0390 | -0.0824 | 0.1294 | -0.0147 | 0.0221 | 0.0951 | -0.0040 | -0.0494 |
| y | 0.0437 | -0.0151 | 0.0690 | -0.0231 | -0.0342 | 0.0925 | 0.0307 | 0.0810 | 0.1847 |
| z | 0.0649 | 0.2197 | 0.0221 | 0.0797 | 0.0414 | 0.2428 | 0.0808 | 0.0810 | 0.1054 |
| Ag x | 0.0227 | 0.2949 | -0.0919 | -0.0306 | 0.0456 | 0.0160 | -0.0893 | -0.1626 | -0.2389 |
| y | 0.0213 | 0.0299 | 0.0003 | -0.1703 | -0.1591 | -0.1266 | 0.0415 | 0.0074 | -0.0233 |
| z | 0.0157 | -0.0651 | -0.0358 | 0.0247 | 0.1102 | 0.0058 | -0.0247 | -0.1120 | -0.0431 |
| Sn x | -0.3369 | -0.1132 | 0.0024 | -0.0574 | 0.0941 | 0.1044 | -0.0211 | -0.1270 | 0.0138 |
| y | -0.0574 | 0.0411 | 0.0287 | -0.0105 | 0.0864 | 0.0804 | 0.0196 | 0.0667 | 0.1770 |
| z | -0.2431 | 0.1670 | -0.0529 | -0.0747 | -0.1173 | -0.0694 | 0.1383 | 0.1009 | 0.0677 |
| Ag x | 0.0460 | 0.1448 | 0.1203 | 0.0750 | -0.0173 | -0.2114 | -0.0618 | -0.2913 | 0.1845 |
| y | -0.0124 | 0.0497 | 0.1049 | -0.1816 | 0.0673 | -0.0237 | -0.0152 | 0.0425 | -0.3499 |
| z | -0.0362 | -0.1026 | -0.2502 | 0.0097 | -0.0790 | 0.0618 | 0.1839 | 0.2259 | -0.1212 |
| Sn x | -0.0253 | 0.0366 | -0.0864 | -0.2148 | -0.2091 | 0.0941 | 0.1330 | -0.0267 | 0.2587 |
| y | 0.0501 | 0.0248 | -0.2414 | 0.0803 | -0.1312 | 0.0199 | 0.0577 | -0.2331 | 0.1812 |
| z | -0.0156 | 0.0462 | 0.2206 | -0.1209 | -0.0820 | 0.1259 | -0.0215 | 0.1774 | 0.0843 |
| Sn x | -0.0612 | -0.0015 | 0.0648 | -0.0834 | -0.1132 | 0.1728 | -0.1592 | 0.1280 | -0.0863 |
| y | 0.0137 | -0.0429 | -0.2128 | 0.1268 | 0.0729 | 0.0810 | -0.1930 | 0.1885 | 0.0785 |
| z | -0.0493 | -0.0331 | 0.1028 | 0.1267 | -0.2586 | 0.1130 | -0.1737 | 0.0650 | -0.0073 |
| Ag x | 0.0019 | -0.0616 | 0.0384 | 0.1346 | -0.0460 | 0.0980 | 0.0304 | -0.0142 | -0.2058 |
| y | -0.0348 | -0.0497 | 0.0642 | 0.0268 | 0.3067 | 0.0168 | 0.0304 | 0.1651 | -0.0059 |
| z | 0.0296 | -0.0540 | -0.1215 | 0.0475 | -0.0947 | -0.0886 | 0.2071 | -0.1008 | -0.0402 |
| Ag x | 0.1791 | 0.1591 | -0.1590 | 0.0110 | 0.1290 | -0.0002 | 0.0950 | 0.0896 | -0.1611 |
| y | 0.0014 | 0.0919 | 0.0260 | -0.0519 | -0.0023 | 0.0851 | -0.1786 | -0.0092 | 0.0085 |
| z | -0.0568 | -0.1311 | 0.0633 | 0.0332 | -0.0457 | 0.0082 | 0.0871 | -0.0909 | -0.0251 |
| Ag x | 0.1127 | -0.0089 | 0.0375 | 0.1075 | 0.0189 | -0.1244 | 0.0377 | -0.0470 | 0.0177 |
| y | 0.0771 | -0.0345 | -0.1436 | 0.1011 | 0.0838 | 0.0046 | -0.0691 | 0.0826 | 0.0941 |
| z | 0.1555 | 0.3836 | 0.0314 | 0.0043 | 0.0490 | -0.1550 | 0.0439 | -0.0134 | 0.0430 |
| Sn x | -0.0228 | 0.1428 | -0.1063 | -0.0341 | 0.1535 | 0.1519 | -0.1309 | 0.0272 | 0.0859 |
| y | 0.0211 | -0.1435 | 0.0743 | 0.0377 | -0.0327 | 0.1343 | 0.2145 | -0.0601 | -0.0240 |
| z | -0.0082 | 0.0077 | 0.0712 | -0.0799 | 0.0588 | 0.0366 | 0.1596 | -0.0595 | -0.0557 |
| Sn x | 0.0663 | -0.1350 | 0.0779 | -0.1115 | -0.1055 | -0.0379 | 0.0215 | 0.1206 | 0.0575 |
| y | -0.1234 | 0.0435 | -0.0694 | 0.2138 | 0.0339 | -0.0643 | -0.1433 | -0.0354 | 0.0683 |
| z | 0.1048 | -0.0372 | 0.0951 | -0.0197 | -0.0829 | -0.0653 | -0.1457 | -0.1377 | 0.1700 |
| Sn x | 0.0245 | 0.0984 | 0.1077 | -0.0325 | -0.0675 | 0.0686 | 0.0525 | -0.1462 | -0.0667 |
| y | -0.0223 | 0.1007 | 0.0312 | -0.0884 | -0.1376 | 0.0373 | 0.0595 | -0.0848 | -0.0237 |
| z | 0.1700 | -0.2303 | -0.0801 | 0.2282 | 0.1218 | -0.2031 | -0.1758 | 0.0566 | -0.0283 |
| Ag x | 0.0440 | 0.0679 | 0.0481 | 0.0727 | -0.1742 | 0.0549 | -0.1501 | -0.0509 | 0.1025 |
| y | -0.0226 | -0.0168 | -0.2613 | 0.0037 | -0.1848 | 0.0866 | 0.1160 | -0.1636 | 0.0463 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| z | -0.0756 | -0.1406 | 0.0898 | 0.0145 | 0.0374 | 0.1295 | -0.0697 | 0.0866 | -0.2394 |

34: 60.2 35: 60.4 36: 62.7 37: 63.6 38: 64.8 39: 65.7 40: 66.7 41: 68.9 42: 70.6

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.3120 | 0.3409 | 0.0226 | 0.2229 | 0.0762 | 0.1668 | 0.0194 | -0.1262 | -0.1525 |
| y | -0.0243 | -0.0787 | 0.1373 | -0.0103 | -0.1863 | -0.1894 | -0.0542 | 0.0244 | 0.0901 |
| z | -0.0503 | 0.0819 | -0.1600 | -0.0797 | 0.0773 | 0.1087 | -0.0179 | -0.0000 | 0.2685 |
| Sn x | -0.0089 | 0.0094 | -0.0661 | -0.0728 | -0.1464 | -0.0779 | -0.0039 | 0.0503 | -0.1556 |
| y | -0.0896 | 0.0389 | -0.0211 | 0.2996 | -0.2917 | -0.0312 | 0.0295 | -0.0805 | 0.2104 |
| z | 0.1500 | -0.1902 | -0.0202 | -0.1838 | 0.0675 | -0.0533 | 0.0235 | 0.0955 | -0.1787 |
| Sn x | -0.0253 | -0.0087 | 0.1909 | -0.0305 | -0.1269 | -0.0700 | 0.1887 | 0.0065 | -0.0115 |
| y | 0.0888 | -0.0441 | -0.0650 | -0.1641 | -0.1749 | -0.0973 | -0.1536 | -0.1457 | 0.0151 |
| z | -0.0219 | 0.0440 | 0.1492 | 0.1169 | -0.0621 | -0.0345 | 0.2961 | 0.0307 | 0.0334 |
| Ag x | 0.2376 | -0.1232 | 0.1972 | 0.1606 | 0.0706 | 0.0123 | -0.0587 | -0.0070 | -0.1043 |
| y | 0.0691 | 0.2189 | -0.0779 | -0.1829 | -0.0050 | -0.0827 | 0.0176 | -0.1032 | -0.1086 |
| z | -0.0804 | -0.0135 | 0.0377 | 0.0069 | 0.1577 | -0.1525 | -0.0888 | 0.1408 | 0.1151 |
| Ag x | -0.1194 | 0.0390 | -0.0876 | 0.1534 | 0.0471 | -0.1578 | -0.0683 | -0.1017 | 0.0599 |
| y | -0.1298 | -0.0384 | -0.0439 | 0.1379 | 0.0499 | 0.1113 | -0.0834 | -0.0415 | -0.0845 |
| z | -0.0734 | -0.0636 | -0.0185 | -0.0683 | -0.1751 | 0.2727 | 0.0357 | -0.1226 | -0.0245 |
| Ag x | -0.1785 | 0.0381 | -0.0338 | -0.1775 | 0.0373 | 0.1206 | 0.0710 | -0.2163 | -0.0175 |
| y | -0.2227 | 0.0297 | -0.0300 | -0.0208 | 0.1591 | 0.0143 | -0.1037 | 0.0392 | -0.1361 |
| z | -0.1427 | -0.0120 | -0.3324 | 0.1012 | -0.1366 | -0.0381 | -0.0906 | -0.1525 | 0.0680 |
| Ag x | 0.0472 | -0.0297 | 0.0975 | 0.0590 | -0.1514 | -0.1426 | -0.0765 | -0.0891 | 0.0102 |
| y | 0.0172 | -0.0095 | -0.0439 | 0.0787 | 0.0534 | 0.0071 | -0.0055 | 0.0036 | 0.0230 |
| z | 0.0891 | 0.0363 | 0.0668 | -0.0037 | -0.0264 | -0.0232 | -0.0768 | -0.1067 | 0.0642 |
| Ag x | -0.1256 | -0.0247 | -0.0591 | -0.0611 | 0.1313 | 0.0576 | -0.0982 | 0.0237 | -0.1495 |
| y | 0.1009 | -0.0702 | -0.0404 | -0.0157 | -0.0787 | 0.0402 | 0.0345 | 0.0096 | 0.0759 |
| z | 0.1133 | 0.0588 | 0.0215 | 0.0441 | -0.0426 | -0.0134 | -0.0976 | 0.2644 | 0.0702 |
| Ag x | 0.0436 | -0.0108 | -0.0036 | -0.0681 | 0.0215 | -0.1249 | 0.0729 | -0.0196 | -0.0579 |
| y | -0.0997 | -0.0739 | 0.0419 | 0.0069 | -0.0201 | 0.0734 | 0.0656 | 0.1355 | 0.0828 |
| z | 0.0282 | 0.0503 | -0.0201 | 0.0019 | 0.0008 | -0.0171 | -0.0388 | -0.0393 | -0.1113 |
| Sn x | 0.0508 | -0.0466 | 0.0221 | -0.0018 | 0.0779 | -0.1389 | 0.0957 | -0.0893 | -0.0479 |
| y | 0.0275 | -0.0647 | 0.0942 | 0.2307 | 0.0050 | 0.0363 | 0.1289 | -0.1013 | -0.1438 |
| z | -0.0874 | -0.0524 | 0.0195 | 0.1947 | 0.0594 | -0.2418 | -0.1352 | 0.0437 | -0.0084 |
| Sn x | -0.0681 | -0.0467 | -0.0374 | 0.0202 | -0.0449 | -0.0023 | 0.0408 | -0.0224 | 0.0067 |
| y | -0.1545 | 0.1013 | -0.0042 | -0.0215 | 0.0108 | 0.0452 | -0.0796 | 0.1475 | -0.0544 |
| z | 0.0109 | -0.0677 | 0.0373 | 0.0416 | -0.0947 | 0.0222 | 0.0015 | -0.0548 | 0.0126 |
| Sn x | -0.0379 | -0.0438 | -0.0548 | 0.0577 | -0.1097 | -0.0736 | 0.0360 | -0.0612 | 0.2321 |
| y | 0.0479 | -0.2459 | -0.0611 | -0.2881 | -0.0101 | 0.0666 | 0.0335 | 0.0086 | -0.0116 |
| z | 0.0004 | -0.2247 | 0.0065 | -0.2141 | -0.0722 | -0.0690 | 0.0514 | -0.1078 | -0.1072 |
| Sn x | 0.1757 | -0.1112 | 0.0256 | -0.0519 | 0.1817 | -0.0022 | -0.0398 | 0.0359 | 0.0580 |
| y | -0.1221 | 0.1709 | 0.1214 | -0.0160 | -0.0975 | -0.0217 | 0.0112 | 0.1488 | -0.2450 |
| z | 0.1259 | -0.0907 | 0.0457 | -0.0126 | 0.0808 | -0.0283 | 0.0718 | -0.0283 | 0.1477 |
| Ag x | -0.0509 | -0.0989 | 0.0359 | 0.0468 | 0.0080 | 0.0608 | -0.0352 | 0.0896 | -0.0037 |
| y | -0.0651 | 0.0365 | 0.0084 | -0.0614 | 0.1012 | -0.0040 | 0.0207 | 0.0149 | 0.1485 |
| z | 0.0722 | 0.0231 | 0.0005 | -0.0002 | -0.0045 | 0.0685 | 0.0417 | -0.0729 | -0.0520 |
| Ag x | -0.1023 | 0.0390 | 0.0037 | -0.2674 | 0.0325 | -0.0281 | 0.0526 | 0.0081 | 0.0072 |
| y | 0.2668 | -0.1205 | 0.2083 | 0.0312 | 0.0275 | 0.0221 | -0.0297 | -0.1455 | 0.1187 |
| z | -0.0441 | 0.0090 | -0.0810 | 0.0815 | -0.1744 | -0.1284 | -0.0101 | 0.1544 | -0.1559 |
| Sn x | -0.0366 | -0.1224 | 0.1072 | -0.1002 | 0.0277 | 0.1010 | -0.3309 | -0.0261 | 0.1722 |
| y | 0.0230 | -0.1360 | -0.0196 | 0.0833 | 0.0131 | -0.0884 | 0.3079 | 0.2354 | -0.1451 |
| z | 0.0936 | -0.0275 | 0.2628 | -0.0521 | -0.0870 | -0.0636 | -0.2389 | 0.0160 | -0.2404 |
| Ag x | 0.0212 | 0.0080 | -0.0220 | 0.0310 | 0.0894 | 0.2307 | 0.4053 | -0.0365 | 0.0055 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| y | 0.1492 | -0.0691 | -0.0712 | -0.0172 | 0.0531 | 0.1016 | -0.1396 | -0.3489 | 0.1561 |
| z | -0.1747 | -0.0249 | 0.0664 | -0.0684 | 0.1835 | 0.0069 | -0.1959 | -0.0114 | -0.0372 |
| Sn x | -0.0129 | -0.0977 | -0.0512 | 0.0500 | -0.0662 | 0.0560 | -0.0128 | -0.0658 | 0.0594 |
| y | -0.0380 | 0.0653 | 0.1868 | -0.1187 | 0.1109 | -0.0906 | 0.0788 | 0.1447 | 0.2298 |
| z | 0.1577 | 0.0258 | 0.1944 | -0.0636 | 0.0975 | -0.0036 | 0.0351 | -0.0125 | 0.0642 |
| Ag x | 0.2094 | 0.0287 | -0.1882 | 0.0745 | -0.2509 | 0.1354 | -0.0761 | 0.2191 | 0.0049 |
| y | 0.2829 | 0.1710 | -0.1328 | -0.1648 | -0.1622 | 0.0693 | -0.0239 | 0.0840 | -0.0413 |
| z | -0.1077 | -0.1499 | -0.0055 | -0.0852 | -0.1585 | 0.3969 | 0.0865 | 0.1671 | 0.0613 |
| Sn x | 0.0551 | -0.0312 | -0.3227 | -0.0511 | 0.1260 | -0.1487 | -0.0895 | 0.0187 | -0.1201 |
| y | -0.0239 | 0.1015 | -0.0105 | -0.0658 | 0.0462 | -0.0033 | 0.0634 | 0.0295 | 0.0397 |
| z | 0.0718 | -0.1443 | -0.3973 | 0.0828 | 0.1634 | -0.0611 | 0.1578 | 0.0546 | 0.0376 |
| Sn x | -0.1150 | 0.0836 | 0.1196 | -0.0185 | 0.1631 | 0.1358 | -0.0257 | -0.0819 | 0.0071 |
| y | -0.0075 | 0.0563 | -0.0276 | -0.0260 | -0.0159 | -0.0359 | -0.0012 | -0.0386 | -0.0376 |
| z | 0.0705 | 0.1233 | -0.1356 | -0.0736 | 0.0857 | 0.1300 | 0.0479 | 0.0408 | -0.0627 |
| Ag x | -0.0554 | 0.0449 | 0.0915 | -0.0954 | 0.0933 | -0.0970 | 0.1447 | 0.0450 | 0.0337 |
| y | 0.0371 | -0.0149 | -0.0302 | 0.1932 | 0.1922 | 0.0640 | -0.0832 | 0.0216 | 0.0158 |
| z | 0.0060 | -0.0003 | 0.0682 | -0.0991 | -0.2442 | -0.0998 | 0.1034 | -0.0672 | 0.0730 |
| Ag x | 0.1365 | -0.1464 | -0.0562 | 0.1101 | 0.0841 | -0.0694 | -0.0757 | 0.3539 | 0.2271 |
| y | -0.0116 | 0.1216 | -0.0141 | -0.0061 | -0.0336 | -0.0392 | -0.0648 | 0.0076 | 0.0856 |
| z | -0.0715 | -0.0131 | -0.0066 | 0.1447 | 0.0999 | -0.1024 | 0.0276 | -0.1413 | -0.1396 |
| Ag x | -0.0192 | -0.1019 | -0.0133 | 0.0545 | 0.0609 | -0.0212 | 0.0830 | -0.0491 | -0.0315 |
| y | 0.0184 | -0.0213 | -0.1127 | -0.0008 | 0.0497 | -0.1036 | -0.0277 | -0.0552 | -0.0084 |
| z | -0.1260 | -0.0359 | 0.0272 | 0.1688 | -0.0152 | -0.0539 | 0.1026 | -0.2351 | -0.0285 |
| Sn x | 0.0009 | 0.2640 | -0.0371 | -0.0835 | -0.1379 | -0.0940 | -0.0975 | 0.0582 | 0.0048 |
| y | -0.0182 | -0.0221 | -0.0621 | 0.1516 | 0.0444 | 0.1284 | -0.0542 | 0.0534 | -0.1436 |
| z | 0.0019 | 0.1953 | 0.0810 | 0.1004 | 0.1114 | 0.0951 | -0.0796 | 0.1304 | 0.1153 |
| Sn x | -0.0523 | 0.1441 | -0.0187 | 0.0099 | -0.1397 | -0.0035 | 0.0168 | -0.0116 | 0.0939 |
| y | 0.0509 | -0.1800 | 0.0466 | 0.0499 | 0.0209 | 0.1398 | -0.1044 | -0.0489 | -0.2062 |
| z | -0.0854 | 0.1336 | 0.1401 | 0.0298 | 0.0135 | 0.2178 | -0.0688 | 0.0470 | 0.0495 |
| Sn x | -0.1750 | -0.0138 | 0.0642 | 0.0292 | -0.1171 | -0.0079 | -0.0369 | 0.0823 | -0.1252 |
| y | -0.1803 | -0.1345 | 0.0179 | 0.0028 | 0.0161 | -0.0340 | 0.0632 | 0.0251 | 0.0164 |
| z | 0.0662 | 0.1611 | -0.1130 | -0.0026 | -0.0078 | 0.0284 | -0.0180 | 0.0318 | -0.0571 |
| Ag x | -0.1096 | 0.0026 | 0.0752 | 0.0011 | -0.0261 | 0.1910 | -0.0894 | 0.0241 | -0.0065 |
| y | 0.0284 | 0.2303 | -0.0109 | -0.0910 | 0.1475 | -0.0899 | 0.1407 | -0.0439 | 0.0775 |
| z | -0.0171 | 0.1697 | 0.0599 | -0.1025 | 0.0816 | -0.1655 | 0.0680 | -0.0788 | 0.0193 |

43: 72.0 44: 73.1 45: 74.7 46: 76.7 47: 79.8 48: 81.3 49: 83.6 50: 84.4 51: 85.4

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.1326 | 0.0339 | 0.0503 | -0.1375 | 0.0013 | -0.2295 | 0.0344 | -0.1092 | 0.2550 |
| y | 0.1726 | -0.2508 | 0.0174 | 0.0210 | -0.0352 | 0.0501 | 0.1198 | -0.1447 | 0.0853 |
| z | -0.1110 | 0.2253 | -0.0644 | 0.1006 | 0.0121 | 0.1793 | 0.1058 | 0.0129 | 0.1069 |
| Sn x | -0.0825 | 0.0787 | -0.2484 | -0.1838 | -0.3638 | -0.2483 | -0.0290 | 0.0825 | -0.1442 |
| y | -0.0019 | 0.0961 | 0.0594 | 0.2263 | -0.1103 | -0.0856 | 0.2107 | -0.0072 | -0.1416 |
| z | 0.0869 | -0.0952 | -0.0379 | -0.1163 | 0.0459 | -0.0957 | -0.1382 | 0.0823 | 0.0703 |
| Sn x | 0.1133 | 0.0035 | -0.0810 | 0.0676 | 0.1120 | -0.0711 | 0.0610 | 0.1404 | 0.1603 |
| y | 0.1730 | -0.0275 | 0.0164 | 0.1055 | 0.1075 | -0.1056 | 0.0926 | 0.2122 | 0.0752 |
| z | -0.0995 | -0.0159 | -0.1563 | -0.1122 | 0.0347 | 0.0027 | -0.0129 | -0.0089 | -0.0161 |
| Ag x | 0.1330 | 0.0102 | -0.1073 | -0.0658 | -0.1014 | 0.2173 | 0.3411 | -0.1125 | -0.0809 |
| y | -0.1674 | 0.0301 | 0.0982 | -0.0306 | 0.0790 | -0.1116 | 0.1704 | -0.0915 | -0.0352 |
| z | 0.0915 | 0.1352 | -0.1456 | -0.0732 | 0.0646 | -0.2255 | 0.2022 | -0.0549 | -0.1805 |
| Ag x | -0.0953 | 0.0647 | -0.0649 | 0.1225 | 0.1419 | -0.0135 | 0.1093 | -0.0561 | 0.0381 |
| y | 0.0937 | 0.0261 | -0.0736 | 0.1795 | 0.1278 | -0.0890 | -0.0791 | -0.0341 | 0.1423 |
| z | 0.1930 | 0.1543 | -0.0439 | 0.0932 | 0.0282 | 0.0411 | 0.1261 | -0.0696 | -0.0271 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ag x | 0.1924 | -0.1296 | 0.1382 | -0.2260 | -0.0331 | 0.0435 | -0.0036 | 0.0317 | -0.0583 |
| y | 0.1437 | 0.0424 | 0.1095 | 0.1074 | 0.0368 | -0.0358 | -0.0413 | -0.0715 | 0.0566 |
| z | 0.0055 | -0.0018 | -0.1345 | -0.2433 | 0.1702 | -0.0023 | -0.0691 | 0.0518 | -0.0172 |
| Ag x | 0.0022 | -0.0375 | -0.0441 | -0.0607 | 0.1363 | 0.0350 | -0.1223 | 0.0569 | -0.0042 |
| y | 0.0389 | -0.0282 | 0.0355 | 0.0280 | -0.1431 | 0.0255 | 0.0469 | -0.0622 | -0.0346 |
| z | -0.0352 | 0.0089 | -0.0532 | -0.0674 | 0.0385 | 0.0647 | -0.0425 | 0.0649 | 0.0536 |
| Ag x | 0.0422 | 0.0279 | -0.1154 | 0.0994 | 0.0842 | -0.0671 | 0.0289 | -0.0756 | 0.0582 |
| y | 0.1925 | 0.1081 | -0.1014 | -0.1433 | 0.0024 | 0.2114 | -0.1046 | 0.1067 | -0.0318 |
| z | 0.1158 | 0.2162 | -0.1599 | 0.0722 | 0.0265 | 0.1027 | -0.0378 | 0.0213 | -0.0431 |
| Ag x | 0.1069 | -0.0188 | 0.0426 | 0.0291 | 0.0640 | -0.0148 | 0.1040 | -0.0973 | -0.0501 |
| y | -0.0064 | 0.0067 | 0.0255 | 0.0629 | -0.2805 | -0.0052 | -0.2098 | 0.0032 | 0.2546 |
| z | -0.0002 | 0.0651 | 0.0226 | -0.0294 | -0.2024 | -0.0190 | 0.1528 | 0.1884 | 0.0835 |
| Sn x | -0.0285 | -0.1173 | -0.0278 | 0.2875 | 0.0602 | -0.0452 | -0.1909 | 0.1803 | -0.1975 |
| y | 0.1231 | 0.1869 | 0.1951 | -0.0595 | 0.0701 | -0.2736 | -0.1290 | 0.0405 | -0.1301 |
| z | -0.2227 | -0.4015 | 0.2110 | -0.1364 | -0.0718 | -0.0641 | 0.0805 | 0.0565 | 0.0894 |
| Sn x | 0.0080 | 0.0558 | 0.1325 | -0.0287 | 0.0203 | -0.1150 | -0.0497 | 0.0190 | 0.0586 |
| y | 0.0203 | -0.1865 | -0.1829 | 0.0317 | -0.0032 | 0.1871 | -0.0379 | 0.0353 | -0.0704 |
| z | -0.0487 | -0.0623 | 0.0245 | 0.0749 | -0.0220 | 0.0317 | -0.1076 | 0.0595 | -0.0138 |
| Sn x | -0.0629 | 0.0635 | 0.0542 | 0.0394 | 0.0236 | -0.0309 | 0.0392 | 0.0193 | -0.0524 |
| y | -0.0159 | 0.0723 | -0.1077 | -0.2097 | -0.0140 | 0.0104 | -0.0311 | 0.0066 | -0.0351 |
| z | -0.1563 | 0.0817 | 0.0877 | 0.0122 | -0.0067 | -0.0258 | 0.0614 | -0.0772 | 0.0041 |
| Sn x | 0.0656 | -0.0449 | 0.1221 | 0.0581 | 0.2625 | 0.0842 | -0.1181 | -0.0987 | 0.2220 |
| y | -0.0756 | 0.0297 | 0.0859 | 0.0271 | 0.1018 | 0.2225 | 0.0004 | 0.0339 | 0.1201 |
| z | -0.0183 | -0.0927 | -0.0592 | 0.0247 | 0.0434 | 0.0256 | 0.0844 | 0.1640 | 0.1098 |
| Ag x | 0.0706 | -0.0344 | -0.0244 | 0.0292 | -0.0725 | 0.1577 | -0.0223 | 0.0433 | -0.0542 |
| y | -0.0299 | -0.0410 | -0.0800 | 0.0726 | 0.0307 | -0.1017 | -0.0294 | 0.0426 | -0.0374 |
| z | 0.0096 | -0.0138 | 0.1152 | 0.0581 | -0.0226 | 0.0712 | -0.0498 | 0.0249 | 0.0026 |
| Ag x | -0.2073 | 0.0131 | -0.1009 | 0.1014 | 0.0776 | -0.0589 | -0.0373 | 0.0247 | 0.0465 |
| y | -0.0768 | -0.0735 | -0.0857 | 0.0289 | -0.0432 | 0.0348 | -0.0118 | -0.0386 | 0.0184 |
| z | 0.0479 | 0.0418 | 0.0098 | -0.2494 | 0.0803 | 0.0080 | 0.0463 | -0.0762 | 0.1311 |
| Sn x | -0.1337 | 0.0857 | 0.0617 | -0.0946 | -0.1553 | -0.0970 | 0.1216 | -0.2536 | 0.2127 |
| y | -0.1099 | 0.0033 | -0.1181 | 0.0686 | 0.1278 | 0.0093 | 0.1598 | -0.0346 | 0.2117 |
| z | -0.1044 | 0.1111 | -0.0050 | 0.3106 | -0.1310 | -0.0008 | -0.1631 | -0.0384 | -0.1766 |
| Ag x | 0.0205 | -0.1280 | -0.0524 | 0.1494 | -0.1643 | 0.0510 | 0.1573 | 0.0699 | -0.1081 |
| y | 0.0318 | -0.1048 | -0.0565 | -0.0760 | -0.0423 | 0.1116 | -0.1260 | 0.0380 | -0.0245 |
| z | 0.1225 | 0.0860 | 0.1081 | 0.1637 | -0.1971 | -0.0540 | 0.0790 | -0.0075 | -0.0873 |
| Sn x | -0.1476 | -0.0067 | -0.0891 | 0.1279 | 0.0164 | -0.0104 | -0.0631 | -0.0494 | 0.0565 |
| y | 0.2023 | 0.0166 | 0.2660 | -0.1273 | -0.0668 | -0.1640 | 0.0147 | 0.0929 | -0.0429 |
| z | 0.0350 | -0.0069 | 0.1193 | -0.0284 | -0.0314 | -0.1268 | -0.0119 | 0.0613 | -0.0510 |
| Ag x | -0.1296 | 0.0420 | 0.1032 | 0.0493 | -0.1595 | -0.1275 | -0.2438 | -0.0937 | 0.1236 |
| y | -0.2064 | 0.0639 | 0.2045 | 0.0876 | 0.1311 | 0.0283 | 0.1945 | -0.0083 | -0.1136 |
| z | -0.0814 | -0.2927 | 0.1234 | 0.0436 | -0.0139 | -0.1351 | 0.0048 | -0.0357 | 0.0145 |
| Sn x | 0.0951 | -0.0848 | 0.0844 | 0.1161 | -0.0293 | 0.1233 | 0.1921 | 0.1362 | 0.0592 |
| y | -0.1571 | -0.1289 | -0.0110 | -0.1155 | -0.2150 | 0.0801 | 0.1577 | -0.0493 | -0.0102 |
| z | 0.1687 | -0.0307 | 0.0515 | 0.0611 | -0.0815 | -0.1194 | -0.0853 | -0.3182 | -0.1427 |
| Sn x | -0.0708 | 0.1120 | -0.0933 | -0.0664 | 0.0097 | -0.1065 | -0.0374 | 0.1819 | 0.0088 |
| y | 0.0256 | -0.0865 | -0.0228 | 0.0386 | -0.0079 | -0.0201 | -0.0513 | 0.1238 | -0.0731 |
| z | -0.0574 | 0.0281 | 0.0018 | 0.0460 | 0.0553 | -0.0531 | 0.0550 | 0.2095 | -0.0144 |
| Ag x | -0.0126 | 0.0714 | 0.0727 | -0.0551 | 0.0010 | 0.2006 | -0.1662 | -0.4230 | -0.1021 |
| y | -0.2332 | 0.0377 | 0.0594 | -0.0891 | 0.0201 | 0.0963 | -0.0244 | 0.0229 | -0.1333 |
| z | 0.1369 | 0.0267 | -0.0046 | 0.0396 | 0.1055 | 0.0215 | -0.0229 | -0.2401 | -0.0410 |
| Ag x | -0.0496 | 0.1239 | 0.1205 | -0.1005 | 0.0910 | 0.0551 | -0.0727 | 0.2293 | -0.1452 |
| y | -0.0022 | -0.0300 | -0.1214 | 0.0094 | 0.0137 | -0.1113 | -0.0788 | -0.0133 | 0.2202 |
| z | -0.1482 | -0.0894 | 0.0547 | 0.0282 | -0.0101 | -0.0071 | -0.0897 | -0.0156 | -0.0587 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ag x | -0.0626 | 0.0165 | 0.0295 | 0.0478 | -0.0314 | 0.1075 | 0.0282 | 0.0547 | 0.0671 |
| y | 0.0547 | -0.0200 | 0.0167 | 0.0395 | -0.0490 | 0.0471 | -0.0105 | -0.0415 | -0.0043 |
| z | -0.0946 | 0.0871 | 0.0315 | -0.0702 | -0.0678 | 0.1594 | -0.0968 | -0.0091 | 0.1259 |
| Sn x | 0.1167 | -0.2568 | -0.0902 | 0.0517 | -0.0399 | 0.0306 | -0.1850 | -0.0710 | -0.1749 |
| y | 0.1121 | 0.0819 | 0.0448 | -0.0383 | -0.0976 | 0.1640 | -0.1228 | 0.0702 | 0.0215 |
| z | 0.1103 | -0.1902 | -0.3377 | 0.0288 | 0.0664 | -0.1557 | 0.0068 | -0.0573 | 0.0375 |
| Sn x | -0.0082 | 0.0459 | 0.0886 | -0.0918 | 0.0185 | 0.0315 | -0.0398 | 0.0374 | -0.1037 |
| y | -0.1556 | -0.0120 | -0.2133 | -0.1374 | 0.1716 | -0.0697 | 0.0533 | -0.1352 | -0.2136 |
| z | -0.0373 | -0.0506 | 0.2448 | -0.0375 | 0.3089 | 0.0986 | -0.0244 | -0.0120 | -0.1505 |
| Sn x | 0.0489 | 0.0953 | 0.0813 | -0.1692 | -0.0392 | 0.1174 | 0.0637 | 0.1207 | -0.0874 |
| y | -0.0149 | 0.1248 | 0.0236 | -0.0177 | 0.0958 | -0.1037 | -0.0115 | 0.0137 | 0.0372 |
| z | 0.1100 | -0.1045 | 0.0109 | -0.0105 | -0.0642 | 0.1465 | 0.0357 | -0.0295 | -0.0167 |
| Ag x | -0.0594 | -0.0883 | -0.0446 | -0.0951 | 0.0742 | 0.0089 | 0.1103 | -0.0045 | -0.0169 |
| y | -0.1454 | 0.0669 | -0.0864 | -0.0811 | -0.0145 | 0.0034 | -0.1426 | -0.1231 | -0.1032 |
| z | -0.0016 | 0.2107 | -0.0190 | 0.0061 | -0.1658 | 0.1394 | -0.0829 | 0.0482 | 0.2155 |

52: 85.6 53: 89.0 54: 89.8 55: 91.8 56: 94.0 57: 95.0 58: 98.1 59: 99.2 60: 102.1

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.1122 | 0.1139 | -0.1391 | -0.0731 | 0.0813 | -0.1538 | -0.1327 | 0.0597 | -0.0206 |
| y | 0.0468 | 0.0247 | -0.0332 | 0.0666 | 0.1507 | -0.0158 | -0.0366 | 0.0273 | -0.0089 |
| z | -0.0423 | 0.0741 | 0.0632 | 0.1633 | 0.0824 | -0.0865 | -0.0194 | 0.0003 | -0.0611 |
| Sn x | -0.0273 | 0.1349 | -0.1021 | 0.0914 | 0.2392 | -0.0298 | 0.0628 | 0.1302 | 0.0537 |
| y | 0.0138 | -0.0087 | 0.0090 | 0.0001 | -0.1234 | 0.0864 | -0.0036 | 0.0051 | -0.1896 |
| z | -0.0048 | 0.1007 | -0.0246 | 0.1289 | -0.1075 | 0.1333 | -0.0059 | 0.0641 | 0.0906 |
| Sn x | -0.0360 | 0.1744 | 0.0820 | -0.0045 | -0.1572 | 0.0789 | -0.0591 | -0.1664 | -0.0566 |
| y | 0.0195 | 0.0836 | 0.2390 | -0.0062 | 0.0386 | -0.0827 | 0.0527 | 0.0133 | 0.0464 |
| z | -0.0724 | 0.0364 | -0.0836 | 0.0284 | -0.0276 | 0.0365 | -0.0267 | -0.0642 | -0.1149 |
| Ag x | 0.1013 | 0.0184 | 0.0443 | 0.1594 | -0.1333 | -0.0635 | 0.3191 | -0.0337 | -0.1206 |
| y | -0.0566 | 0.0598 | -0.1593 | -0.1105 | -0.1449 | 0.0043 | -0.1162 | 0.1852 | -0.1644 |
| z | -0.1352 | -0.2606 | 0.1636 | -0.2814 | -0.1043 | -0.1143 | -0.0176 | -0.0561 | -0.1324 |
| Ag x | -0.1270 | 0.1097 | -0.2196 | -0.0470 | -0.2724 | -0.1823 | 0.1950 | 0.0763 | 0.1838 |
| y | -0.1977 | -0.0524 | -0.0963 | 0.2235 | 0.1357 | 0.1016 | 0.0747 | 0.1342 | 0.1697 |
| z | -0.0100 | -0.0955 | -0.0848 | -0.0623 | -0.0282 | 0.0198 | 0.0225 | -0.0189 | -0.0295 |
| Ag x | 0.1978 | -0.1281 | 0.1420 | -0.0015 | 0.0495 | 0.0145 | -0.0097 | -0.1637 | -0.2559 |
| y | -0.0088 | 0.0439 | -0.0751 | 0.1220 | -0.0063 | -0.0006 | 0.0182 | -0.0845 | -0.1646 |
| z | 0.0495 | -0.0428 | -0.1939 | -0.0194 | -0.0054 | -0.0171 | 0.0791 | -0.1268 | -0.0231 |
| Ag x | -0.0481 | -0.0926 | 0.0864 | 0.0492 | 0.0796 | -0.1716 | 0.0339 | 0.0637 | 0.0155 |
| y | 0.0054 | 0.0382 | 0.1607 | -0.0476 | -0.0463 | 0.0159 | -0.0278 | 0.0504 | 0.2490 |
| z | 0.0019 | -0.0607 | 0.0405 | 0.0228 | 0.0318 | -0.0138 | -0.0066 | 0.0527 | 0.0080 |
| Ag x | -0.1584 | -0.0701 | -0.0495 | 0.0649 | 0.1075 | 0.0603 | 0.0186 | -0.0179 | -0.1254 |
| y | 0.1961 | 0.0284 | -0.0983 | -0.1375 | -0.0451 | 0.0787 | -0.1547 | -0.0061 | 0.0819 |
| z | -0.0254 | 0.0882 | -0.0126 | 0.0066 | 0.1715 | 0.1488 | -0.2163 | 0.0536 | -0.1670 |
| Ag x | -0.0316 | 0.0679 | -0.0835 | 0.0696 | -0.0553 | 0.0997 | -0.1050 | -0.0577 | 0.0188 |
| y | -0.0091 | -0.1786 | -0.0554 | -0.0695 | -0.1162 | -0.0517 | 0.0714 | 0.0455 | -0.0613 |
| z | -0.0409 | -0.1023 | -0.2609 | 0.0479 | -0.0590 | 0.1157 | -0.0637 | -0.1047 | 0.0037 |
| Sn x | 0.2871 | -0.0793 | -0.1758 | 0.1411 | 0.0473 | -0.1939 | -0.0357 | -0.0984 | -0.1237 |
| y | -0.0320 | -0.2274 | -0.0359 | -0.2022 | -0.0673 | 0.2405 | 0.0178 | 0.0681 | 0.1133 |
| z | -0.0111 | 0.0518 | 0.1251 | -0.1584 | 0.0548 | -0.0488 | -0.1336 | -0.1116 | -0.0802 |
| Sn x | 0.0172 | -0.0587 | 0.0851 | 0.0437 | 0.1675 | 0.0173 | -0.2009 | 0.1442 | -0.1144 |
| y | 0.0451 | 0.1363 | -0.1077 | 0.1233 | -0.1363 | 0.0785 | 0.0110 | 0.2880 | -0.1804 |
| z | 0.0347 | -0.0014 | 0.0550 | 0.1185 | 0.1246 | 0.1747 | 0.0337 | 0.0019 | 0.0642 |
| Sn x | 0.0027 | -0.0282 | -0.0017 | -0.0179 | 0.0092 | 0.0202 | -0.0105 | 0.0394 | 0.0078 |
| y | 0.0790 | 0.1009 | -0.1190 | -0.1591 | -0.1645 | -0.1809 | 0.0907 | -0.0388 | 0.1469 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| z | 0.0190 | 0.0781 | -0.1057 | -0.0226 | -0.1488 | -0.0439 | 0.0446 | 0.0233 | -0.0583 |
| Sn x | -0.1058 | -0.1067 | 0.0309 | 0.0704 | -0.1996 | 0.0621 | -0.0719 | -0.1328 | -0.0663 |
| y | 0.1614 | -0.0663 | 0.0338 | -0.2187 | -0.0666 | 0.0608 | -0.0194 | -0.0239 | 0.1050 |
| z | -0.1090 | -0.1144 | -0.1071 | -0.0623 | 0.1464 | -0.0042 | 0.2196 | 0.1816 | -0.1222 |
| Ag x | 0.0238 | 0.0051 | 0.0563 | -0.0176 | -0.0470 | 0.0018 | 0.1227 | -0.1952 | 0.1138 |
| y | -0.0299 | 0.0288 | -0.1078 | -0.1104 | 0.1066 | 0.0658 | 0.1631 | -0.2414 | 0.1310 |
| z | 0.0658 | 0.0882 | -0.0411 | -0.0458 | 0.0017 | 0.0411 | -0.0666 | 0.0832 | -0.1501 |
| Ag x | -0.1108 | -0.0932 | 0.1034 | -0.0774 | 0.0430 | 0.0799 | -0.1231 | -0.0121 | 0.0841 |
| y | -0.1351 | 0.0118 | -0.0864 | 0.0022 | -0.0323 | 0.0693 | 0.0011 | -0.0103 | 0.0112 |
| z | 0.0183 | -0.0566 | 0.0756 | 0.1378 | -0.0054 | 0.1061 | 0.1010 | -0.0233 | 0.0251 |
| Sn x | 0.1586 | 0.0708 | 0.1300 | -0.0057 | -0.0697 | 0.2377 | -0.0423 | 0.0875 | 0.1598 |
| y | 0.0866 | 0.0484 | 0.0646 | -0.0998 | 0.0371 | 0.0197 | -0.0003 | 0.1324 | -0.0654 |
| z | 0.0289 | 0.0159 | 0.0009 | -0.0365 | -0.0887 | -0.1482 | -0.1780 | -0.0777 | -0.0205 |
| Ag x | -0.0184 | 0.0468 | 0.1831 | -0.0893 | 0.0645 | -0.0198 | -0.0741 | 0.1085 | 0.1952 |
| y | -0.0836 | -0.1156 | 0.0348 | -0.0390 | -0.0788 | -0.0007 | -0.1491 | 0.1732 | -0.1240 |
| z | 0.1741 | 0.1386 | 0.0022 | -0.0894 | 0.0931 | 0.0028 | -0.0050 | 0.0543 | 0.0523 |
| Sn x | -0.0109 | -0.0177 | -0.0167 | -0.0056 | 0.0663 | 0.0979 | -0.0708 | -0.0769 | 0.0048 |
| y | -0.0888 | 0.0605 | -0.0344 | 0.2462 | 0.1200 | -0.0523 | 0.1862 | 0.0501 | -0.0335 |
| z | -0.1647 | 0.0285 | -0.1118 | -0.0235 | 0.0889 | -0.0122 | 0.0994 | -0.0599 | 0.1262 |
| Ag x | 0.0830 | -0.1084 | 0.0809 | 0.0388 | -0.1081 | -0.1254 | 0.2810 | -0.0078 | -0.1612 |
| y | 0.0206 | -0.1491 | 0.0369 | 0.1890 | 0.1596 | 0.1047 | 0.0658 | -0.2898 | 0.0866 |
| z | -0.0795 | -0.0342 | -0.0466 | -0.1074 | -0.0469 | -0.1282 | 0.0319 | 0.0694 | -0.0916 |
| Sn x | 0.1101 | -0.0959 | -0.0700 | -0.2064 | 0.1696 | 0.0092 | 0.1027 | 0.1441 | 0.0431 |
| y | -0.0365 | -0.1586 | -0.2410 | 0.1725 | -0.0668 | 0.0685 | -0.2158 | -0.2313 | 0.0236 |
| z | -0.0339 | 0.1343 | 0.0516 | 0.1373 | -0.1357 | 0.0113 | -0.1797 | -0.1209 | 0.0643 |
| Sn x | 0.0200 | 0.1348 | 0.1113 | 0.0103 | -0.1656 | 0.1722 | 0.0664 | -0.0489 | -0.2031 |
| y | -0.0260 | -0.1869 | 0.0603 | 0.2030 | -0.1500 | -0.0759 | -0.1342 | 0.1401 | 0.1415 |
| z | 0.0029 | -0.0195 | 0.2078 | 0.0377 | -0.0571 | -0.0044 | 0.1207 | 0.0419 | 0.0977 |
| Ag x | -0.0145 | -0.1936 | -0.1340 | -0.0595 | 0.2037 | -0.0726 | 0.0663 | 0.1594 | 0.0322 |
| y | 0.0673 | -0.0730 | 0.0035 | -0.0589 | 0.0758 | -0.0249 | 0.0375 | 0.0192 | 0.0022 |
| z | 0.0096 | 0.0512 | 0.0719 | -0.0846 | 0.1135 | -0.1307 | -0.0329 | -0.0210 | 0.0400 |
| Ag x | 0.0415 | 0.0899 | -0.0745 | -0.0551 | -0.0162 | 0.0938 | -0.1715 | 0.0785 | -0.0052 |
| y | -0.0656 | 0.2126 | 0.0550 | -0.0395 | 0.0716 | -0.2412 | -0.1312 | -0.0578 | 0.0667 |
| z | 0.0307 | 0.0376 | 0.0679 | 0.1190 | -0.0858 | 0.0057 | 0.1412 | 0.0492 | 0.0381 |
| Ag x | -0.0551 | 0.0477 | 0.0085 | -0.0488 | 0.0828 | -0.0891 | -0.0531 | -0.0845 | 0.0091 |
| y | -0.0162 | 0.0523 | 0.0679 | -0.0535 | 0.0320 | -0.0026 | 0.0363 | -0.0164 | -0.0032 |
| z | 0.0306 | 0.1129 | 0.0850 | 0.0656 | 0.0926 | 0.1903 | 0.0286 | -0.0600 | 0.1411 |
| Sn x | -0.1768 | 0.0504 | 0.0011 | -0.2400 | -0.0556 | 0.3772 | 0.2064 | -0.0445 | -0.0012 |
| y | -0.2924 | 0.1755 | 0.0388 | -0.1629 | 0.1118 | -0.2195 | 0.0252 | -0.3245 | -0.0880 |
| z | 0.3395 | -0.2603 | 0.0185 | 0.0441 | -0.0678 | -0.0865 | -0.0591 | -0.0947 | 0.2143 |
| Sn x | 0.1040 | 0.1473 | -0.0490 | -0.0175 | -0.0734 | -0.0827 | -0.0196 | 0.0222 | 0.1505 |
| y | -0.0341 | -0.0211 | 0.1837 | -0.0115 | 0.2416 | 0.0133 | -0.0108 | 0.0081 | -0.0878 |
| z | 0.0518 | 0.1979 | -0.0826 | 0.0013 | 0.0012 | -0.0812 | 0.0724 | 0.1227 | 0.1256 |
| Sn x | -0.2752 | -0.2044 | 0.1445 | 0.2126 | -0.1595 | -0.2119 | -0.1730 | 0.1080 | 0.1501 |
| y | 0.3188 | -0.0042 | -0.0166 | 0.0898 | 0.0546 | -0.0248 | 0.0362 | -0.0145 | -0.0802 |
| z | -0.1252 | 0.0028 | 0.1041 | 0.0014 | -0.0662 | 0.0003 | -0.0470 | 0.1450 | -0.0547 |
| Ag x | -0.0720 | 0.0535 | -0.1756 | 0.0155 | 0.1066 | -0.0462 | -0.1033 | -0.0893 | 0.0327 |
| y | 0.0392 | 0.1385 | 0.2763 | 0.0864 | -0.0901 | -0.0302 | 0.1117 | -0.0058 | -0.1160 |
| z | 0.0014 | -0.2050 | 0.0168 | -0.0844 | 0.0417 | -0.0589 | 0.0664 | -0.0058 | 0.0011 |

61: 103.0 62: 104.4 63: 106.7 64: 108.7 65: 110.2 66: 112.2 67: 115.0 68: 116.4 69: 117.5

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.0615 | 0.1170 | -0.0181 | -0.1344 | 0.0071 | -0.1170 | -0.1550 | 0.0748 | -0.0062 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| y | 0.1893 | -0.0488 | 0.0130 | 0.0278 | 0.0628 | 0.1157 | -0.0542 | 0.2641 | 0.0372 |
| z | 0.0873 | 0.0140 | -0.0460 | 0.0677 | 0.0754 | -0.0626 | 0.0584 | -0.0752 | -0.0038 |
| Sn x | -0.0603 | -0.0624 | 0.0852 | 0.0537 | 0.0295 | -0.0179 | -0.0210 | -0.0051 | -0.0409 |
| y | 0.1658 | -0.0838 | 0.1902 | -0.3295 | -0.0881 | 0.0409 | -0.1147 | -0.0560 | 0.0600 |
| z | 0.3283 | -0.1594 | 0.1370 | -0.0853 | 0.0873 | 0.0007 | 0.0060 | 0.0820 | 0.0176 |
| Sn x | -0.0127 | 0.1492 | 0.0128 | 0.2991 | -0.1145 | 0.0012 | 0.0223 | -0.0375 | -0.1008 |
| y | -0.2341 | 0.0188 | -0.1441 | -0.0302 | 0.0625 | 0.0219 | -0.0067 | 0.1040 | 0.0351 |
| z | -0.0049 | 0.0515 | 0.0925 | 0.1835 | -0.0639 | -0.0197 | -0.0459 | -0.0077 | -0.1112 |
| Ag x | 0.0154 | 0.0377 | -0.1347 | 0.1000 | 0.0868 | 0.0436 | 0.1367 | -0.0900 | 0.0304 |
| y | 0.0780 | 0.0755 | -0.0479 | -0.0015 | 0.1369 | -0.1996 | 0.1282 | 0.1766 | -0.1053 |
| z | 0.1383 | -0.0929 | -0.0893 | 0.1115 | 0.1480 | -0.0653 | 0.0007 | 0.0269 | 0.0155 |
| Ag x | -0.0395 | -0.1202 | -0.0030 | 0.0068 | -0.1118 | 0.0624 | -0.1143 | -0.0844 | 0.0879 |
| y | 0.1050 | -0.0754 | -0.0742 | 0.2258 | 0.1599 | -0.0747 | 0.0695 | 0.2099 | -0.0976 |
| z | -0.0342 | 0.0160 | 0.0123 | -0.0530 | -0.0298 | 0.0636 | -0.1749 | 0.0226 | 0.0108 |
| Ag x | 0.0772 | 0.0984 | 0.0360 | -0.0745 | 0.0812 | 0.0010 | 0.1376 | -0.1080 | -0.0762 |
| y | -0.2291 | 0.0580 | 0.1415 | -0.0793 | 0.0848 | 0.0402 | -0.0866 | -0.0483 | -0.0300 |
| z | 0.1643 | 0.0883 | -0.0170 | 0.0840 | 0.1641 | 0.0681 | -0.0042 | -0.0775 | -0.1393 |
| Ag x | -0.1353 | -0.0995 | -0.0836 | -0.3331 | 0.3062 | 0.0718 | 0.0068 | -0.0069 | 0.0583 |
| y | 0.1245 | -0.0336 | -0.2490 | -0.0493 | -0.0902 | 0.0210 | -0.0949 | -0.0907 | -0.3701 |
| z | -0.0926 | -0.1152 | -0.1290 | -0.1075 | 0.0061 | -0.0541 | -0.0355 | 0.1991 | 0.2798 |
| Ag x | -0.0765 | 0.0807 | -0.0242 | -0.0793 | -0.0728 | 0.0302 | -0.2377 | -0.0503 | -0.0297 |
| y | 0.0057 | 0.0033 | 0.0678 | 0.0306 | 0.1478 | 0.0583 | -0.0005 | 0.0904 | -0.0484 |
| z | -0.0420 | 0.1319 | -0.0347 | -0.1877 | -0.1466 | -0.0321 | 0.0019 | -0.0187 | -0.0362 |
| Ag x | 0.1664 | -0.0761 | 0.0978 | -0.0894 | -0.0059 | -0.0165 | -0.0019 | -0.0984 | 0.0206 |
| y | 0.0595 | -0.0136 | -0.0726 | -0.0650 | 0.0521 | -0.0213 | 0.0808 | -0.0644 | 0.0289 |
| z | -0.0678 | -0.1248 | -0.1041 | -0.0823 | 0.1283 | -0.0279 | 0.2129 | -0.1904 | 0.0758 |
| Sn x | 0.0619 | -0.0534 | -0.1747 | 0.0153 | -0.1840 | -0.1211 | -0.0737 | -0.0256 | 0.0026 |
| y | -0.2071 | -0.0003 | -0.0143 | 0.0200 | -0.0220 | -0.0599 | 0.0647 | -0.1611 | -0.0055 |
| z | -0.0619 | 0.0553 | 0.0576 | -0.0395 | -0.0188 | -0.0085 | -0.2190 | -0.0674 | -0.0296 |
| Sn x | 0.0862 | -0.1879 | -0.0860 | 0.2088 | -0.0096 | 0.4302 | -0.0277 | -0.1584 | 0.0878 |
| y | -0.0667 | 0.1294 | -0.2347 | -0.0315 | -0.0109 | 0.1142 | -0.0577 | -0.1755 | 0.0339 |
| z | 0.0991 | 0.1551 | -0.0314 | 0.0558 | 0.1986 | -0.3305 | -0.2365 | -0.1843 | 0.1077 |
| Sn x | 0.1324 | -0.0127 | -0.0844 | 0.0971 | 0.1517 | -0.1002 | 0.0514 | 0.1083 | 0.0123 |
| y | -0.0319 | -0.0352 | 0.0192 | -0.0276 | -0.0910 | 0.0882 | -0.2573 | -0.1965 | 0.1795 |
| z | -0.1604 | 0.0448 | 0.0407 | -0.2092 | -0.1661 | 0.0214 | 0.2254 | 0.2278 | -0.2037 |
| Sn x | -0.0543 | -0.0028 | -0.1046 | -0.0564 | 0.0489 | 0.0043 | -0.0178 | -0.0272 | 0.0373 |
| y | 0.3081 | 0.0538 | -0.0966 | 0.0217 | -0.0589 | -0.0039 | 0.1036 | -0.0599 | 0.0300 |
| z | 0.0168 | -0.0298 | 0.1958 | -0.0122 | -0.1089 | -0.0093 | -0.0074 | -0.1113 | -0.1644 |
| Ag x | -0.0856 | -0.0014 | 0.1901 | -0.0887 | 0.0931 | -0.4546 | -0.0611 | 0.0486 | -0.1316 |
| y | 0.0910 | 0.2766 | -0.0368 | -0.1650 | 0.1091 | 0.0636 | 0.0256 | 0.0701 | 0.0220 |
| z | -0.0861 | -0.1342 | 0.0354 | 0.0295 | 0.1124 | 0.1865 | 0.0271 | -0.0860 | -0.2158 |
| Ag x | -0.0203 | -0.0898 | 0.0067 | -0.0372 | -0.1281 | -0.0419 | -0.0298 | -0.0109 | 0.0297 |
| y | 0.0481 | 0.0714 | 0.0543 | 0.0616 | -0.1011 | 0.0688 | 0.0525 | -0.0938 | -0.1038 |
| z | 0.0212 | -0.0245 | -0.2394 | -0.1579 | -0.3543 | -0.1010 | 0.0229 | 0.0921 | 0.0878 |
| Sn x | -0.0283 | -0.0396 | 0.0099 | 0.0418 | 0.0236 | 0.0120 | -0.0688 | -0.0742 | -0.1185 |
| y | -0.1949 | -0.0246 | 0.2365 | 0.0277 | 0.3045 | 0.0115 | -0.0056 | 0.0242 | 0.1964 |
| z | 0.0472 | -0.1234 | -0.0196 | 0.0992 | 0.1410 | -0.0088 | -0.0967 | -0.0203 | -0.1570 |
| Ag x | -0.0045 | -0.0785 | -0.1908 | -0.1048 | -0.0318 | -0.0271 | 0.0104 | 0.0718 | 0.0787 |
| y | 0.0048 | -0.1029 | 0.1239 | 0.0881 | -0.1725 | -0.1720 | 0.0250 | 0.0396 | 0.1509 |
| z | 0.0191 | 0.1799 | 0.1405 | 0.0335 | -0.0061 | 0.0313 | 0.1710 | 0.0591 | 0.3285 |
| Sn x | -0.0063 | 0.1951 | 0.0081 | -0.1583 | -0.0957 | 0.1585 | 0.2290 | 0.1749 | -0.0599 |
| y | -0.1047 | -0.1075 | 0.0201 | 0.0046 | -0.0790 | -0.0498 | 0.0429 | 0.0266 | -0.1871 |
| z | 0.1554 | 0.2559 | -0.1322 | -0.0105 | -0.0077 | 0.1772 | -0.0700 | -0.0424 | 0.2632 |
| Ag x | 0.0187 | 0.1495 | 0.0653 | 0.1136 | -0.0084 | 0.0427 | -0.0234 | 0.0577 | 0.0405 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| y | -0.0092 | -0.1459 | 0.1712 | 0.1177 | -0.0590 | 0.0357 | 0.0373 | -0.1310 | 0.1320 |
| z | 0.0099 | -0.0084 | -0.1005 | 0.0412 | -0.0012 | -0.0781 | 0.0679 | 0.0455 | 0.0355 |
| Sn x | 0.0395 | 0.1047 | 0.0962 | 0.1475 | -0.1681 | -0.0228 | -0.0249 | 0.0174 | -0.0888 |
| y | -0.1487 | -0.0134 | -0.1313 | 0.0659 | 0.0615 | 0.0447 | -0.2297 | 0.2128 | 0.0032 |
| z | -0.0523 | 0.0539 | -0.0367 | 0.0505 | 0.0182 | -0.0073 | 0.0340 | -0.0167 | 0.0658 |
| Sn x | 0.0757 | -0.0356 | 0.0770 | 0.1025 | -0.0705 | -0.0036 | -0.1431 | 0.2204 | 0.1342 |
| y | -0.0059 | 0.2877 | 0.2087 | -0.0017 | -0.0413 | 0.0682 | 0.0024 | -0.0139 | 0.0258 |
| z | 0.0341 | -0.0422 | -0.0871 | -0.1942 | 0.1343 | 0.1371 | -0.1277 | -0.0272 | -0.2518 |
| Ag x | 0.1008 | -0.0645 | 0.0971 | -0.1145 | 0.0051 | -0.0237 | -0.0372 | -0.0284 | 0.0021 |
| y | -0.2172 | 0.1081 | -0.1261 | 0.1299 | 0.0058 | 0.0296 | 0.0175 | 0.0511 | -0.0114 |
| z | -0.2282 | 0.1730 | -0.1094 | 0.1853 | -0.0348 | -0.0187 | -0.0032 | -0.0425 | -0.0389 |
| Ag x | -0.0342 | 0.0264 | -0.0369 | -0.0424 | -0.0222 | -0.0084 | 0.0950 | 0.0644 | -0.0060 |
| y | 0.0310 | -0.0052 | 0.0446 | -0.0350 | -0.0729 | -0.1883 | 0.2421 | -0.3446 | 0.0266 |
| z | 0.0386 | -0.0128 | -0.0251 | 0.0349 | -0.0030 | 0.0468 | 0.2842 | 0.0395 | 0.0838 |
| Ag x | -0.0174 | -0.0043 | 0.0980 | -0.0418 | 0.1376 | 0.0942 | -0.0043 | 0.0080 | -0.0483 |
| y | 0.0450 | -0.0424 | -0.0015 | 0.0422 | -0.0413 | -0.0343 | 0.0236 | -0.0214 | -0.0229 |
| z | -0.0799 | -0.0502 | 0.0799 | -0.0237 | -0.0641 | 0.0448 | -0.0422 | -0.0270 | 0.0295 |
| Sn x | -0.1414 | -0.1240 | -0.0160 | 0.0319 | 0.0142 | 0.0464 | 0.0636 | -0.0089 | 0.0376 |
| y | 0.0863 | -0.2243 | 0.0343 | 0.0174 | -0.1211 | 0.1201 | 0.0328 | 0.1909 | 0.0010 |
| z | -0.1064 | -0.1485 | 0.2271 | -0.0076 | -0.1116 | 0.1600 | 0.1359 | 0.0722 | -0.0690 |
| Sn x | -0.0752 | -0.0057 | 0.0013 | 0.1215 | 0.0581 | 0.0162 | -0.0001 | 0.1358 | -0.0031 |
| y | 0.0657 | 0.0872 | 0.0028 | -0.0111 | -0.0810 | -0.0235 | 0.0068 | 0.0266 | -0.0481 |
| z | 0.0106 | -0.0519 | 0.1484 | 0.0123 | -0.0200 | 0.0159 | -0.0974 | 0.0504 | -0.0297 |
| Sn x | 0.0407 | 0.2046 | 0.1614 | 0.0071 | -0.0482 | 0.0047 | 0.0266 | -0.0105 | -0.0020 |
| y | 0.0026 | -0.2133 | -0.1381 | 0.0420 | -0.1241 | -0.1791 | -0.0570 | 0.0098 | 0.0373 |
| z | -0.0918 | -0.1432 | 0.0628 | 0.1026 | -0.0514 | -0.1318 | -0.0221 | -0.0072 | 0.1009 |
| Ag x | -0.0905 | -0.1172 | -0.0843 | -0.0298 | 0.0461 | -0.0788 | 0.2694 | -0.1762 | 0.0574 |
| y | 0.0480 | 0.0086 | 0.0410 | -0.0863 | 0.0777 | 0.0488 | 0.0356 | -0.0491 | 0.0108 |
| z | -0.0763 | 0.0453 | -0.0583 | 0.0783 | -0.0306 | 0.0054 | -0.0429 | 0.0909 | -0.0292 |

70: 119.4 71: 122.3 72: 123.4 73: 126.0 74: 127.6 75: 129.5 76: 131.0 77: 131.5 78: 133.3

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.0024 | 0.1514 | 0.1522 | 0.0537 | -0.2307 | 0.0082 | 0.0635 | -0.0561 | -0.1196 |
| y | -0.1836 | 0.2431 | 0.1564 | -0.0673 | -0.0565 | -0.0726 | 0.0049 | -0.0154 | -0.0100 |
| z | 0.0491 | -0.0695 | -0.0905 | -0.0289 | 0.0226 | -0.0040 | -0.0295 | 0.0410 | 0.0186 |
| Sn x | -0.0734 | 0.0045 | -0.0665 | -0.0408 | -0.0052 | 0.0308 | -0.0432 | 0.0739 | -0.0399 |
| y | 0.0824 | -0.0379 | 0.0748 | -0.1362 | 0.0467 | 0.0189 | -0.0172 | -0.0526 | 0.0021 |
| z | 0.1949 | -0.1279 | 0.0090 | -0.0887 | -0.0307 | 0.0023 | 0.0464 | -0.0885 | 0.0276 |
| Sn x | -0.0536 | 0.0724 | 0.0470 | -0.0739 | -0.0198 | 0.0472 | 0.1218 | -0.0626 | 0.0691 |
| y | 0.0333 | -0.0005 | 0.0428 | -0.0651 | 0.0209 | -0.0339 | -0.0527 | -0.1024 | -0.0041 |
| z | -0.0212 | 0.0145 | 0.0439 | -0.0826 | -0.0229 | 0.1017 | 0.0409 | 0.0115 | 0.0307 |
| Ag x | 0.0962 | -0.1763 | -0.1896 | -0.0453 | 0.0812 | 0.0820 | -0.0666 | 0.0844 | 0.1243 |
| y | -0.1504 | -0.0472 | -0.1647 | -0.1619 | 0.3478 | -0.1507 | -0.0812 | 0.0748 | 0.2191 |
| z | 0.0655 | 0.0392 | 0.0039 | -0.0436 | -0.3952 | -0.1014 | 0.0223 | 0.0549 | -0.1503 |
| Ag x | 0.0676 | 0.1325 | 0.0464 | 0.0688 | 0.0002 | -0.1459 | 0.0448 | 0.0491 | 0.1565 |
| y | 0.0345 | -0.0494 | -0.1137 | 0.1404 | -0.0074 | 0.0833 | 0.0741 | -0.0480 | -0.0275 |
| z | -0.0524 | 0.0086 | -0.0230 | 0.0396 | -0.0085 | -0.0314 | 0.0192 | -0.0667 | 0.0595 |
| Ag x | 0.0704 | 0.0351 | 0.1810 | 0.0185 | 0.0923 | -0.0287 | -0.0557 | 0.0922 | -0.0707 |
| y | -0.1721 | -0.1063 | -0.0249 | -0.3329 | -0.0595 | 0.0722 | -0.1383 | 0.1125 | -0.1999 |
| z | 0.0682 | -0.0303 | 0.1299 | 0.2075 | 0.1004 | -0.1163 | -0.0204 | -0.1029 | 0.0363 |
| Ag x | -0.0230 | -0.0307 | -0.0399 | -0.0010 | 0.0572 | -0.0290 | 0.3026 | 0.1171 | 0.0014 |
| y | -0.0574 | -0.0332 | 0.0823 | -0.0628 | 0.0022 | 0.0317 | -0.1305 | -0.0156 | -0.0042 |
| z | 0.1624 | -0.0299 | -0.0292 | 0.1015 | 0.0171 | -0.1413 | -0.5113 | -0.1383 | -0.0818 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ag x | -0.0925 | 0.0042 | -0.0135 | 0.0172 | 0.1135 | 0.0342 | -0.0273 | -0.1961 | 0.0104 |
| y | -0.1379 | -0.2153 | -0.1614 | -0.1296 | -0.2133 | 0.0061 | -0.0549 | 0.0147 | -0.0411 |
| z | 0.0564 | 0.1016 | 0.1041 | 0.0994 | 0.2376 | -0.0109 | 0.0422 | 0.0043 | 0.0714 |
| Ag x | -0.0199 | -0.0318 | -0.0937 | 0.1826 | 0.0021 | 0.0028 | -0.0373 | 0.1980 | -0.0545 |
| y | -0.1117 | 0.0251 | -0.0573 | 0.1415 | -0.0036 | -0.0131 | -0.0356 | 0.0557 | -0.0153 |
| z | -0.3227 | 0.1148 | -0.0476 | 0.1908 | -0.0950 | 0.0086 | -0.0674 | -0.0712 | 0.0054 |
| Sn x | -0.0323 | -0.1084 | -0.0568 | 0.0254 | 0.0207 | -0.0264 | -0.0207 | -0.0175 | -0.0697 |
| y | 0.1525 | -0.1243 | -0.0259 | -0.0135 | 0.0478 | 0.0228 | 0.0101 | -0.0123 | 0.0315 |
| z | 0.0088 | -0.1976 | -0.2338 | 0.1571 | 0.0005 | 0.0738 | 0.0262 | -0.1409 | 0.0576 |
| Sn x | -0.0067 | 0.0045 | -0.1106 | -0.1027 | 0.0604 | -0.1051 | -0.0583 | 0.0541 | 0.1362 |
| y | 0.1814 | -0.0028 | 0.0758 | 0.0964 | -0.2685 | 0.1103 | 0.0718 | -0.0416 | -0.1589 |
| z | -0.0476 | 0.0637 | -0.0148 | -0.1385 | -0.0705 | -0.2101 | -0.0272 | 0.0635 | 0.1617 |
| Sn x | -0.0011 | 0.0017 | -0.0206 | 0.0380 | 0.2439 | 0.4336 | 0.0498 | -0.1326 | -0.4068 |
| y | -0.0261 | 0.1389 | 0.0705 | -0.0393 | 0.1193 | -0.0077 | -0.0013 | -0.0107 | 0.0167 |
| z | 0.0707 | -0.0803 | 0.0665 | 0.1700 | -0.1034 | 0.1426 | 0.0410 | -0.0632 | -0.1287 |
| Sn x | -0.0115 | 0.0411 | 0.0316 | 0.0178 | 0.0519 | 0.0124 | -0.0092 | -0.0002 | 0.0155 |
| y | 0.0174 | 0.0481 | 0.0037 | 0.1729 | 0.0553 | -0.0353 | 0.0584 | -0.0393 | 0.0436 |
| z | -0.1361 | -0.0044 | 0.0030 | -0.0567 | -0.0669 | 0.0565 | -0.0813 | 0.0717 | -0.0216 |
| Ag x | 0.0222 | 0.1606 | -0.0443 | -0.0028 | 0.0242 | -0.0936 | 0.0084 | -0.0275 | -0.0058 |
| y | 0.0808 | 0.1504 | -0.1163 | -0.0619 | -0.0558 | 0.1624 | -0.1025 | 0.0554 | 0.1166 |
| z | 0.2605 | 0.3625 | -0.2955 | -0.0297 | -0.0190 | -0.0399 | -0.0479 | -0.0561 | -0.0625 |
| Ag x | -0.0475 | 0.0700 | -0.0800 | -0.0782 | -0.0716 | -0.0629 | 0.0619 | -0.0147 | -0.1402 |
| y | -0.0595 | -0.0779 | -0.1094 | -0.0462 | 0.0944 | -0.4683 | 0.1598 | -0.1610 | -0.4046 |
| z | -0.0419 | 0.1278 | -0.3367 | -0.2135 | -0.0694 | 0.0871 | 0.0536 | 0.0541 | -0.0027 |
| Sn x | -0.0188 | 0.0006 | 0.1167 | 0.0167 | 0.0269 | 0.0795 | -0.0752 | 0.0444 | -0.0051 |
| y | 0.0471 | -0.0200 | 0.1208 | 0.0906 | 0.0516 | 0.0511 | -0.0673 | 0.0260 | 0.0142 |
| z | 0.0260 | 0.0213 | 0.1319 | 0.0217 | -0.0384 | 0.1625 | -0.1294 | 0.0014 | 0.1512 |
| Ag x | 0.0491 | 0.0126 | -0.0326 | 0.0324 | 0.0110 | -0.0334 | -0.0551 | -0.0336 | 0.0107 |
| y | -0.0229 | 0.1550 | -0.0672 | 0.0086 | -0.1033 | 0.3342 | 0.2173 | 0.1410 | 0.2613 |
| z | 0.0447 | 0.0216 | -0.1582 | 0.0712 | 0.0523 | -0.1472 | 0.3793 | -0.0326 | -0.0432 |
| Sn x | -0.0415 | -0.2772 | 0.0710 | 0.0189 | -0.3220 | -0.1709 | -0.0542 | 0.1306 | 0.2726 |
| y | 0.1559 | 0.0622 | 0.0821 | 0.2445 | -0.0251 | -0.1159 | 0.0079 | -0.0552 | 0.2322 |
| z | -0.1186 | -0.1813 | 0.1483 | -0.0281 | 0.1050 | 0.2373 | -0.0266 | 0.0343 | 0.0130 |
| Ag x | 0.0389 | -0.0223 | -0.0331 | -0.0159 | 0.0103 | -0.0521 | 0.0635 | -0.0287 | -0.0203 |
| y | 0.0566 | 0.0446 | 0.0427 | 0.0822 | -0.1938 | 0.0603 | 0.0203 | -0.0177 | -0.0721 |
| z | 0.0213 | 0.0109 | 0.0044 | -0.0606 | 0.0226 | -0.0205 | -0.0274 | -0.0183 | 0.0259 |
| Sn x | 0.0541 | -0.0103 | 0.0418 | -0.0520 | -0.0095 | 0.0302 | -0.1032 | -0.0120 | -0.0136 |
| y | 0.2385 | -0.0493 | 0.0423 | -0.0515 | 0.0718 | -0.0561 | 0.1580 | 0.2365 | -0.0328 |
| z | 0.0373 | 0.0229 | -0.0142 | -0.0156 | 0.0022 | -0.0148 | 0.0036 | -0.0933 | 0.0273 |
| Sn x | 0.0023 | 0.0023 | -0.0735 | 0.1881 | -0.0091 | -0.0546 | -0.1690 | 0.1332 | -0.0482 |
| y | 0.0542 | 0.0952 | -0.0744 | 0.0620 | 0.0271 | 0.0208 | -0.1429 | -0.0333 | -0.0250 |
| z | -0.1222 | -0.0355 | 0.0021 | 0.0413 | 0.0503 | 0.0012 | 0.2649 | 0.2509 | -0.0406 |
| Ag x | 0.0202 | -0.0335 | -0.0389 | 0.0436 | -0.0237 | 0.0055 | -0.0507 | 0.0195 | -0.0214 |
| y | -0.1591 | 0.1075 | 0.0158 | 0.0438 | -0.0043 | -0.0190 | -0.0100 | 0.0225 | -0.0075 |
| z | -0.1536 | 0.0752 | -0.0997 | 0.2156 | -0.0033 | -0.0154 | -0.0491 | 0.2054 | -0.0499 |
| Ag x | -0.0586 | 0.1225 | 0.1235 | -0.0633 | 0.0512 | -0.0398 | -0.0132 | 0.0563 | -0.0119 |
| y | 0.2531 | -0.1517 | -0.0420 | -0.0337 | 0.0270 | 0.0339 | -0.1030 | 0.2806 | -0.1087 |
| z | -0.0552 | 0.2925 | 0.3216 | -0.2294 | 0.0111 | -0.0695 | -0.0715 | 0.2031 | -0.1181 |
| Ag x | 0.0483 | 0.0588 | -0.0258 | -0.0013 | -0.0614 | 0.0585 | 0.1224 | -0.0425 | 0.1462 |
| y | -0.0745 | -0.0533 | 0.0191 | -0.0115 | -0.0812 | -0.0170 | -0.0184 | -0.1182 | 0.0676 |
| z | -0.0026 | -0.0119 | 0.0583 | 0.0589 | 0.0244 | 0.0259 | -0.0124 | 0.0177 | -0.0729 |
| Sn x | 0.0353 | -0.0416 | 0.0299 | -0.0017 | 0.0736 | 0.0143 | 0.0076 | 0.0426 | 0.0153 |
| y | -0.0610 | 0.0021 | -0.0194 | 0.0190 | 0.1205 | -0.0012 | -0.0372 | 0.0643 | -0.0576 |
| z | -0.0871 | 0.0053 | -0.0514 | -0.0075 | 0.2287 | 0.0509 | -0.0275 | -0.0343 | 0.0686 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.0483 | -0.1043 | -0.0418 | -0.0346 | -0.1230 | -0.0248 | 0.0337 | -0.0635 | 0.0038 |
| y | 0.1524 | 0.0284 | 0.0887 | 0.0449 | 0.0825 | -0.0223 | 0.0484 | -0.0049 | 0.0210 |
| z | -0.0160 | -0.1067 | -0.0766 | -0.1318 | -0.0543 | 0.0289 | -0.0357 | 0.0484 | -0.0381 |
| Sn x | -0.0602 | -0.0174 | 0.0148 | 0.0139 | 0.0044 | -0.0273 | -0.0679 | -0.0535 | -0.0256 |
| y | -0.1167 | -0.1612 | 0.1044 | 0.0215 | 0.0125 | -0.0329 | 0.1338 | 0.0241 | 0.0315 |
| z | -0.1577 | -0.2798 | 0.2917 | 0.0884 | 0.0442 | -0.0823 | 0.0960 | 0.0101 | -0.0298 |
| Ag x | -0.0071 | -0.0070 | 0.0987 | -0.2252 | -0.0373 | 0.0433 | 0.0430 | -0.3582 | 0.1017 |
| y | -0.2428 | 0.0189 | -0.0821 | 0.0267 | -0.0699 | 0.0455 | 0.0196 | -0.3793 | 0.1068 |
| z | 0.2847 | -0.0806 | 0.1420 | -0.3026 | 0.0552 | -0.0011 | 0.1211 | -0.1718 | 0.0707 |

79: 139.0 80: 143.9 81: 146.9 82: 148.5 83: 151.2 84: 161.2

| | | | | | | |
|---|---|---|---|---|---|---|
| Sn x | -0.0035 | 0.0074 | -0.0205 | 0.0004 | 0.0016 | -0.0039 |
| y | -0.0105 | 0.0288 | 0.0032 | 0.0094 | -0.0021 | 0.0102 |
| z | 0.0047 | -0.0079 | 0.0176 | -0.0128 | -0.0028 | 0.0024 |
| Sn x | 0.0548 | -0.1014 | -0.3464 | -0.2090 | 0.0324 | -0.0138 |
| y | -0.0000 | -0.0587 | 0.0170 | -0.1300 | -0.0003 | -0.0147 |
| z | -0.0372 | -0.0818 | 0.1392 | 0.0986 | -0.0135 | -0.0077 |
| Sn x | -0.0378 | -0.0915 | 0.0082 | -0.0716 | 0.0071 | -0.4123 |
| y | -0.0082 | -0.2079 | 0.0735 | -0.0584 | -0.0016 | 0.1879 |
| z | -0.0199 | -0.1952 | 0.1192 | 0.0086 | -0.0311 | 0.5991 |
| Ag x | -0.0125 | 0.0034 | 0.0299 | -0.0305 | 0.0420 | -0.0039 |
| y | -0.0466 | 0.0044 | 0.0235 | 0.0013 | 0.0319 | -0.0029 |
| z | -0.1081 | -0.0071 | -0.0283 | -0.0313 | 0.0968 | 0.0071 |
| Ag x | -0.0143 | -0.1551 | -0.1491 | 0.2214 | -0.0009 | 0.0006 |
| y | -0.0041 | -0.1178 | -0.1508 | 0.1634 | 0.0088 | -0.0097 |
| z | -0.0210 | 0.0017 | -0.0085 | 0.0238 | 0.0040 | 0.0002 |
| Ag x | 0.0307 | -0.1597 | -0.1656 | 0.2034 | 0.0026 | -0.0239 |
| y | 0.0456 | -0.0470 | -0.0266 | 0.2504 | -0.0023 | -0.0421 |
| z | -0.0028 | 0.0435 | 0.0159 | -0.1540 | 0.0031 | 0.0016 |
| Ag x | -0.0556 | 0.0554 | -0.0169 | -0.0166 | -0.0575 | -0.0692 |
| y | -0.0006 | -0.0296 | 0.0157 | 0.0245 | 0.0484 | 0.0449 |
| z | 0.1159 | 0.0485 | -0.0572 | 0.0182 | 0.0374 | -0.0943 |
| Ag x | -0.0084 | 0.3309 | 0.3502 | -0.4027 | -0.0104 | 0.0168 |
| y | -0.0163 | 0.0551 | -0.0104 | -0.2039 | 0.0191 | 0.0079 |
| z | 0.0167 | -0.1031 | -0.0572 | 0.2440 | -0.0223 | -0.0152 |
| Ag x | 0.0437 | 0.4850 | -0.2166 | 0.1358 | 0.0099 | 0.2573 |
| y | 0.0160 | 0.2075 | -0.0117 | 0.1183 | -0.0032 | 0.1616 |
| z | -0.0280 | -0.2146 | 0.2230 | 0.0302 | -0.0046 | -0.0435 |
| Sn x | -0.3461 | -0.0153 | -0.0456 | -0.0009 | -0.0760 | -0.0046 |
| y | 0.0476 | 0.0219 | -0.0084 | 0.0045 | -0.0434 | -0.0146 |
| z | -0.0083 | -0.0525 | -0.0386 | 0.0590 | 0.0177 | -0.0128 |
| Sn x | -0.0182 | -0.0003 | 0.0164 | 0.0118 | -0.0078 | 0.0084 |
| y | 0.0326 | -0.0081 | -0.0171 | -0.0063 | -0.0082 | 0.0014 |
| z | -0.0043 | 0.0008 | 0.0088 | 0.0247 | 0.0124 | 0.0115 |
| Sn x | 0.0737 | 0.0100 | 0.0091 | -0.0001 | -0.0106 | -0.0213 |
| y | 0.0173 | -0.0164 | -0.0067 | 0.0653 | -0.0107 | 0.0068 |
| z | 0.0107 | 0.0018 | -0.0353 | -0.0513 | -0.0030 | -0.0104 |
| Sn x | 0.0145 | -0.1662 | -0.1252 | -0.1929 | 0.0007 | 0.1900 |
| y | 0.0096 | 0.0344 | -0.1071 | -0.1335 | 0.0197 | -0.1555 |
| z | -0.0112 | 0.1734 | -0.0334 | 0.1271 | 0.0209 | -0.3527 |
| Ag x | -0.0154 | 0.0118 | 0.0037 | -0.0123 | -0.0009 | 0.0034 |
| y | -0.0639 | -0.0002 | -0.0087 | 0.0048 | -0.0592 | 0.0010 |

| | | | | | | |
|---|---|---|---|---|---|---|
| z | -0.0605 | 0.0142 | 0.0041 | -0.0155 | -0.0691 | 0.0052 |
| Ag x | 0.0213 | -0.0163 | -0.0103 | 0.0258 | 0.0074 | 0.0072 |
| y | 0.0917 | -0.0273 | -0.0007 | 0.0229 | 0.0250 | 0.0164 |
| z | 0.0563 | -0.0063 | 0.0139 | 0.0390 | 0.0274 | -0.0019 |
| Sn x | -0.2462 | -0.0030 | -0.0058 | -0.0042 | 0.0351 | 0.0023 |
| y | -0.2135 | 0.0191 | -0.0235 | -0.0170 | -0.0807 | -0.0210 |
| z | 0.1082 | 0.0130 | 0.0119 | 0.0177 | 0.0007 | -0.0193 |
| Ag x | 0.0121 | -0.0053 | -0.0009 | -0.0253 | 0.0033 | 0.0206 |
| y | -0.0742 | 0.0318 | 0.0118 | -0.0512 | -0.0191 | -0.0185 |
| z | -0.0422 | -0.0269 | 0.0315 | -0.0768 | -0.0230 | 0.0868 |
| Sn x | -0.0527 | -0.0312 | -0.0418 | -0.0118 | 0.0145 | 0.0153 |
| y | -0.0408 | 0.0724 | 0.0604 | -0.1408 | 0.0096 | 0.0204 |
| z | 0.0313 | -0.0138 | -0.0003 | 0.0447 | -0.0042 | -0.0089 |
| Ag x | 0.0214 | -0.0030 | 0.0002 | 0.0043 | -0.0064 | -0.0022 |
| y | 0.0024 | 0.0045 | -0.0171 | 0.0210 | -0.0059 | 0.0192 |
| z | 0.0118 | -0.0221 | -0.0054 | 0.0088 | -0.0418 | 0.0001 |
| Sn x | -0.0046 | -0.0628 | 0.0434 | 0.0172 | 0.0295 | 0.1682 |
| y | 0.0265 | 0.0022 | 0.0015 | -0.0522 | -0.0797 | -0.1435 |
| z | -0.0089 | 0.0295 | -0.0694 | -0.0366 | 0.0414 | -0.2285 |
| Sn x | 0.1526 | -0.0505 | 0.0476 | -0.0123 | -0.1161 | -0.0236 |
| y | -0.0409 | -0.0222 | 0.0258 | 0.0109 | 0.4111 | 0.0115 |
| z | -0.0431 | -0.0202 | 0.0483 | -0.0114 | -0.0515 | -0.0087 |
| Ag x | -0.0053 | -0.3849 | 0.2480 | -0.0794 | -0.0181 | -0.1285 |
| y | 0.0118 | -0.0053 | -0.0275 | -0.0165 | 0.0014 | -0.0191 |
| z | 0.0439 | 0.0991 | -0.0462 | 0.0094 | 0.0002 | 0.0196 |
| Ag x | 0.0283 | 0.0252 | -0.0144 | -0.0008 | -0.0098 | 0.0040 |
| y | 0.0528 | -0.0303 | 0.1784 | -0.1351 | -0.0231 | -0.0245 |
| z | 0.0655 | 0.1494 | 0.1419 | -0.1669 | -0.0110 | 0.0136 |
| Ag x | 0.6044 | -0.0018 | 0.0647 | 0.0279 | 0.3042 | 0.0036 |
| y | 0.2989 | 0.0068 | -0.0500 | -0.0007 | -0.6913 | -0.0037 |
| z | -0.2099 | -0.0008 | -0.0089 | -0.0035 | -0.0055 | 0.0035 |
| Sn x | 0.0005 | 0.0063 | 0.0186 | 0.0045 | 0.1054 | -0.0016 |
| y | -0.2483 | -0.0113 | 0.0108 | -0.0004 | 0.1382 | 0.0008 |
| z | 0.1086 | -0.0015 | 0.0132 | 0.0061 | -0.0986 | 0.0030 |
| Sn x | -0.0690 | 0.2159 | 0.4893 | 0.3872 | -0.0416 | -0.0304 |
| y | -0.0105 | 0.0718 | 0.1048 | 0.1879 | -0.0191 | -0.0214 |
| z | 0.0364 | -0.0036 | -0.2115 | -0.2190 | 0.0203 | 0.0084 |
| Sn x | -0.0561 | -0.0029 | -0.0348 | -0.0067 | -0.2601 | -0.0014 |
| y | 0.2031 | -0.0042 | 0.0332 | 0.0034 | 0.2425 | -0.0031 |
| z | 0.0278 | -0.0047 | -0.0031 | -0.0103 | 0.0852 | 0.0017 |
| Ag x | -0.0858 | 0.1138 | -0.1359 | 0.0418 | 0.0345 | 0.0494 |
| y | -0.0659 | 0.0290 | -0.1013 | 0.0706 | 0.0658 | 0.0106 |
| z | -0.0418 | 0.1952 | -0.1835 | 0.0273 | 0.0150 | 0.0413 |