$coordinates

| | | | |
|---|---|---|---|
| Sn | 2.13274173748678 | -7.59798027757396 | -0.87473578898118 |
| Sn | 5.60195754181937 | 2.67951405703278 | 4.05874565866698 |
| Sn | -4.74416145624387 | 4.23680717960351 | -2.90266824544063 |
| Ag | -0.48455675861845 | -2.95163234191188 | 1.00294329984023 |
| Ag | -1.37839325109501 | -5.69276416579956 | 6.05748587917082 |
| Ag | -5.61803635781210 | -3.77894236786359 | 2.78017705784393 |
| Ag | -3.42594284107444 | -0.75846956144091 | 6.87844762342891 |
| Ag | 0.03851262031710 | -5.61665975280128 | -5.55488050884900 |
| Ag | 3.55935574616396 | -2.02537109710319 | -3.03363673309569 |
| Sn | 5.37040919752321 | -3.58625808381089 | 2.05422636465508 |
| Sn | -2.71426869427840 | -8.96056720173483 | 1.94216924316575 |
| Sn | 5.67222741028892 | 2.40452903116591 | -6.20114154016400 |
| Sn | -4.73441355347194 | -6.29934399850765 | -2.61421494872885 |
| Ag | 2.00863451279977 | -1.11015700413832 | 5.67542227009297 |
| Ag | 0.41575032618544 | 3.93396951439542 | -5.30069934750108 |
| Sn | -0.50801248714696 | 3.90864965797201 | 6.36081259983088 |
| Ag | -2.24440232640494 | -0.84095423218856 | -3.94873652030671 |
| Sn | 8.04844522794405 | 0.72002249194364 | -1.17425473606582 |
| Ag | 1.55119076605557 | -0.80969795610102 | -8.01626002485442 |
| Sn | -0.15209478102491 | 8.50886699597835 | -2.28243659656857 |
| Sn | -7.38624384086950 | -1.02772818424629 | -1.74658738535382 |
| Ag | 4.65418443337092 | 5.27359331249569 | -1.46782525805626 |
| Sn | 2.52034369542053 | 7.76032320589116 | 3.10687426715618 |
| Sn | -3.69875348948039 | 7.22690606275065 | 2.20129631856021 |
| Ag | -4.90877261715973 | 1.83573100688031 | 2.37504618178845 |
| Ag | 0.42429923930503 | 2.56761371478169 | 0.62443086976564 |

$end

vibrational frequencies, intensities

| mode | au_amu | cm-1 | km/mol |
|---|---|---|---|
| 7 | 0.002130 | 10.9 | 0.08 |
| 8 | 0.003123 | 16.1 | 0.42 |
| 9 | 0.003668 | 18.9 | 0.29 |
| 10 | 0.004302 | 22.1 | 0.08 |
| 11 | 0.004854 | 25.0 | 0.06 |
| 12 | 0.005045 | 25.9 | 0.01 |
| 13 | 0.005228 | 26.9 | 0.06 |
| 14 | 0.005814 | 29.9 | 0.24 |
| 15 | 0.006079 | 31.3 | 0.39 |
| 16 | 0.006572 | 33.8 | 0.06 |
| 17 | 0.006687 | 34.4 | 0.42 |
| 18 | 0.007204 | 37.0 | 0.05 |
| 19 | 0.007617 | 39.2 | 0.01 |
| 20 | 0.007995 | 41.1 | 0.18 |
| 21 | 0.008350 | 42.9 | 0.60 |
| 22 | 0.008662 | 44.5 | 0.10 |
| 23 | 0.009070 | 46.6 | 0.10 |
| 24 | 0.009184 | 47.2 | 0.05 |
| 25 | 0.009263 | 47.6 | 0.03 |
| 26 | 0.009672 | 49.7 | 0.09 |

| | | | |
|---|---|---|---|
| 27 | 0.009996 | 51.4 | 0.30 |
| 28 | 0.010366 | 53.3 | 0.29 |
| 29 | 0.010593 | 54.5 | 0.21 |
| 30 | 0.011040 | 56.8 | 0.18 |
| 31 | 0.011253 | 57.8 | 0.49 |
| 32 | 0.011365 | 58.4 | 0.02 |
| 33 | 0.011613 | 59.7 | 0.24 |
| 34 | 0.011776 | 60.5 | 0.20 |
| 35 | 0.011983 | 61.6 | 0.91 |
| 36 | 0.012490 | 64.2 | 0.19 |
| 37 | 0.012688 | 65.2 | 0.10 |
| 38 | 0.012871 | 66.2 | 0.52 |
| 39 | 0.013392 | 68.8 | 0.16 |
| 40 | 0.013677 | 70.3 | 0.34 |
| 41 | 0.013879 | 71.3 | 0.54 |
| 42 | 0.014266 | 73.3 | 0.07 |
| 43 | 0.014431 | 74.2 | 0.30 |
| 44 | 0.014755 | 75.8 | 0.20 |
| 45 | 0.015045 | 77.3 | 0.45 |
| 46 | 0.015313 | 78.7 | 0.35 |
| 47 | 0.016142 | 83.0 | 0.51 |
| 48 | 0.016488 | 84.8 | 0.28 |
| 49 | 0.016746 | 86.1 | 0.28 |
| 50 | 0.017053 | 87.7 | 0.14 |
| 51 | 0.017824 | 91.6 | 0.20 |
| 52 | 0.018030 | 92.7 | 0.06 |
| 53 | 0.019068 | 98.0 | 0.12 |
| 54 | 0.019491 | 100.2 | 0.28 |
| 55 | 0.019795 | 101.8 | 0.25 |
| 56 | 0.020228 | 104.0 | 0.44 |
| 57 | 0.020288 | 104.3 | 0.72 |
| 58 | 0.020952 | 107.7 | 0.14 |
| 59 | 0.021204 | 109.0 | 0.92 |
| 60 | 0.021588 | 111.0 | 0.15 |
| 61 | 0.021625 | 111.2 | 0.25 |
| 62 | 0.021923 | 112.7 | 0.30 |
| 63 | 0.022836 | 117.4 | 0.42 |
| 64 | 0.023011 | 118.3 | 0.58 |
| 65 | 0.023036 | 118.4 | 0.76 |
| 66 | 0.023518 | 120.9 | 0.10 |
| 67 | 0.023650 | 121.6 | 0.10 |
| 68 | 0.023945 | 123.1 | 0.04 |
| 69 | 0.024300 | 124.9 | 0.25 |
| 70 | 0.024867 | 127.8 | 0.50 |
| 71 | 0.024942 | 128.2 | 1.02 |
| 72 | 0.025309 | 130.1 | 0.07 |
| 73 | 0.025589 | 131.5 | 0.03 |
| 74 | 0.025698 | 132.1 | 0.21 |
| 75 | 0.026220 | 134.8 | 0.21 |
| 76 | 0.026546 | 136.5 | 0.30 |
| 77 | 0.026718 | 137.3 | 0.11 |
| 78 | 0.027152 | 139.6 | 0.12 |

Frequencies (cm-1) and normal modes

| | 7: 10.9 | 8: 16.1 | 9: 18.9 | 10: 22.1 | 11: 25.0 | 12: 25.9 | 13: 26.9 | 14: 29.9 | 15: 31.3 |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | -0.2194 | 0.1036 | -0.0172 | -0.0030 | 0.0011 | 0.1840 | 0.0976 | 0.0928 | -0.0097 |
| y | 0.0129 | 0.0356 | 0.0536 | 0.0339 | 0.1125 | -0.0671 | 0.0039 | 0.2595 | 0.1423 |
| z | 0.2146 | -0.1183 | 0.0415 | 0.1514 | -0.1647 | 0.2117 | 0.0233 | -0.1929 | 0.0694 |
| Sn x | 0.1556 | 0.1168 | -0.0362 | 0.2930 | 0.0857 | 0.0296 | 0.0324 | 0.0068 | 0.0214 |
| y | 0.1546 | -0.0541 | -0.0459 | -0.0017 | -0.0106 | -0.1090 | -0.0579 | 0.0828 | -0.0846 |
| z | 0.0090 | 0.1148 | 0.1331 | -0.0823 | -0.0297 | -0.0013 | -0.1628 | 0.0380 | -0.1035 |
| Sn x | 0.0309 | 0.0435 | -0.0460 | -0.0670 | -0.0109 | -0.0256 | -0.0682 | 0.0021 | 0.1648 |
| y | -0.1130 | -0.1239 | 0.0349 | 0.0411 | -0.0206 | -0.0064 | 0.0353 | -0.1166 | -0.0805 |
| z | 0.0309 | 0.0310 | -0.1170 | -0.0163 | -0.1461 | 0.0328 | -0.0841 | 0.0970 | 0.0454 |
| Ag x | -0.1616 | -0.1876 | -0.0311 | 0.0502 | 0.0281 | 0.0698 | 0.0074 | 0.0969 | -0.0341 |
| y | 0.1580 | -0.0808 | -0.0235 | 0.0287 | 0.0699 | -0.0498 | -0.0944 | 0.1209 | -0.0081 |
| z | -0.0303 | -0.2256 | 0.2042 | 0.1435 | 0.0557 | -0.0451 | 0.0788 | 0.1965 | 0.1948 |
| Ag x | 0.3639 | -0.1779 | -0.1448 | -0.0536 | 0.2783 | -0.0659 | -0.0826 | -0.1169 | -0.1677 |
| y | -0.0122 | 0.1145 | -0.1246 | 0.0979 | -0.0261 | -0.0255 | -0.0622 | -0.0154 | -0.0745 |
| z | -0.2495 | 0.1302 | 0.0808 | -0.0381 | -0.0219 | -0.0428 | 0.0618 | -0.0824 | 0.0825 |
| Ag x | -0.0741 | -0.0502 | -0.0969 | -0.0801 | 0.0561 | 0.0231 | -0.0262 | -0.0241 | -0.0915 |
| y | -0.1051 | 0.0065 | -0.0427 | -0.0440 | -0.1040 | 0.0562 | 0.0335 | 0.0624 | -0.0376 |
| z | 0.0606 | 0.0933 | -0.0698 | -0.2170 | 0.0248 | 0.0001 | 0.0239 | -0.1187 | 0.0492 |
| Ag x | 0.1580 | -0.1480 | 0.0187 | -0.0435 | -0.0415 | -0.0972 | 0.0690 | 0.0292 | -0.0897 |
| y | -0.1468 | 0.1506 | -0.0563 | 0.1192 | -0.1606 | -0.0580 | -0.0166 | 0.0133 | -0.0993 |
| z | -0.0203 | 0.1088 | -0.1333 | -0.3313 | -0.0043 | 0.1162 | -0.0765 | -0.0298 | 0.2019 |
| Ag x | 0.1439 | 0.0018 | -0.0278 | 0.0013 | -0.2974 | 0.2921 | 0.1045 | -0.0528 | 0.0637 |
| y | -0.0520 | -0.0136 | 0.0228 | -0.0227 | 0.0935 | -0.1768 | 0.0378 | -0.0969 | 0.1016 |
| z | 0.0269 | -0.0508 | 0.0815 | 0.1109 | -0.0644 | 0.1063 | 0.1016 | -0.2313 | 0.0071 |
| Ag x | -0.1902 | -0.1742 | -0.1973 | -0.0015 | -0.0140 | 0.1435 | -0.2019 | 0.0188 | -0.0633 |
| y | 0.2080 | 0.2750 | 0.2593 | -0.0235 | -0.0792 | -0.0816 | 0.3939 | -0.0762 | 0.1570 |
| z | 0.1587 | 0.0088 | 0.1637 | 0.0126 | -0.0522 | -0.0892 | 0.2166 | -0.0202 | -0.0128 |
| Sn x | -0.0657 | -0.1129 | 0.0255 | 0.0832 | -0.0942 | 0.0279 | 0.1741 | 0.0366 | -0.0380 |
| y | 0.0116 | 0.1130 | 0.0250 | 0.0750 | 0.0359 | 0.1217 | -0.0317 | 0.1124 | 0.1902 |
| z | 0.0025 | -0.1007 | -0.0046 | 0.0031 | 0.0782 | 0.0367 | -0.1188 | 0.1116 | 0.0137 |
| Sn x | -0.3966 | 0.2358 | 0.0287 | -0.0116 | 0.1972 | -0.1108 | 0.0505 | 0.1691 | -0.0554 |
| y | 0.0181 | 0.0300 | -0.0772 | -0.0414 | -0.0595 | 0.0898 | 0.0051 | 0.0741 | 0.0213 |
| z | -0.0405 | 0.0804 | 0.0106 | 0.0834 | 0.0369 | -0.1713 | -0.0411 | -0.2773 | -0.0482 |
| Sn x | 0.0725 | 0.0639 | -0.1323 | -0.1276 | -0.0235 | -0.3279 | 0.1170 | 0.0633 | 0.1752 |
| y | -0.0167 | 0.0890 | 0.0905 | 0.0227 | 0.0210 | 0.1540 | 0.0988 | -0.1275 | -0.1214 |
| z | 0.0170 | -0.0547 | 0.0311 | -0.0882 | 0.0604 | -0.0622 | -0.0062 | 0.0210 | -0.3099 |
| Sn x | -0.0195 | -0.0059 | -0.0436 | 0.0094 | -0.1320 | 0.0606 | 0.0092 | -0.0857 | 0.0519 |
| y | 0.0181 | -0.1135 | -0.0310 | -0.1416 | -0.0532 | 0.1753 | 0.1300 | 0.1517 | 0.0971 |
| z | -0.1969 | 0.0953 | 0.0642 | -0.0138 | 0.1674 | -0.1913 | 0.0422 | -0.1068 | -0.0344 |
| Ag x | 0.1246 | -0.2403 | 0.1215 | 0.0951 | -0.0264 | -0.1343 | 0.1141 | 0.0750 | -0.1116 |
| y | 0.1716 | 0.0944 | -0.2344 | 0.2025 | 0.2181 | 0.0533 | -0.1083 | 0.0404 | 0.0946 |
| z | -0.0495 | -0.2442 | 0.2437 | -0.0185 | 0.0876 | 0.0125 | -0.0663 | 0.2271 | 0.1368 |
| Ag x | 0.0417 | 0.0331 | -0.1351 | -0.0696 | -0.0012 | -0.2845 | 0.0565 | -0.0028 | 0.1923 |
| y | -0.0832 | -0.1151 | 0.0479 | 0.0424 | 0.0615 | -0.0374 | -0.1002 | -0.3360 | 0.0895 |
| z | 0.0817 | 0.1042 | -0.1067 | 0.0760 | 0.0079 | -0.0786 | 0.0871 | 0.2072 | -0.0895 |
| Sn x | -0.0671 | 0.0075 | 0.1091 | 0.0290 | -0.3617 | -0.1759 | -0.0041 | 0.0276 | -0.1973 |
| y | 0.0387 | 0.0942 | -0.1502 | 0.0377 | 0.0399 | 0.0046 | -0.0902 | 0.0515 | 0.0133 |
| z | 0.0230 | 0.1230 | -0.1416 | 0.1374 | -0.1164 | -0.0040 | -0.1517 | 0.0278 | 0.0347 |
| Ag x | -0.1142 | -0.1933 | -0.0310 | 0.0430 | -0.0428 | -0.0248 | -0.1074 | -0.1395 | 0.2182 |
| y | -0.0944 | -0.1014 | 0.0003 | 0.0076 | 0.0583 | -0.1565 | -0.0247 | -0.2778 | 0.0972 |
| z | -0.1634 | -0.2665 | 0.1075 | 0.1594 | 0.0738 | -0.0129 | 0.0355 | 0.0523 | 0.1953 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.0026 | 0.0007 | -0.0874 | 0.0556 | 0.0325 | -0.0161 | 0.2474 | 0.0269 | 0.0502 |
| y | -0.0063 | 0.0630 | 0.1499 | -0.0212 | -0.1320 | 0.0829 | -0.0716 | -0.0117 | 0.0236 |
| z | 0.0307 | -0.0196 | 0.0621 | -0.1827 | -0.0206 | -0.1387 | -0.1476 | 0.0539 | -0.2051 |
| Ag x | 0.0658 | 0.0285 | -0.0678 | -0.1138 | -0.0820 | -0.1168 | 0.0763 | -0.0342 | -0.0533 |
| y | -0.0332 | 0.0058 | -0.0182 | -0.0138 | 0.0795 | -0.1023 | -0.0061 | -0.0619 | 0.0810 |
| z | 0.0062 | -0.0754 | 0.0457 | 0.0446 | 0.0217 | -0.0089 | 0.0720 | 0.0229 | -0.1115 |
| Sn x | -0.0080 | 0.1048 | 0.0664 | 0.0494 | 0.3412 | 0.2763 | 0.0968 | -0.0684 | -0.0776 |
| y | -0.0269 | -0.0756 | 0.0493 | -0.0055 | 0.0108 | -0.0286 | -0.0709 | -0.1581 | -0.0368 |
| z | 0.0067 | 0.0427 | -0.0997 | 0.2003 | 0.0399 | 0.0097 | -0.0446 | -0.0632 | 0.0921 |
| Sn x | -0.0564 | -0.0543 | -0.0705 | -0.1048 | -0.0490 | 0.0020 | -0.1088 | -0.2640 | 0.0549 |
| y | -0.0474 | -0.1313 | 0.0195 | -0.1263 | -0.0285 | 0.0884 | 0.0695 | 0.0883 | 0.0316 |
| z | 0.0525 | 0.0214 | -0.0526 | -0.3134 | 0.0705 | 0.1301 | 0.1162 | 0.0211 | -0.0203 |
| Ag x | 0.0547 | 0.0783 | 0.0669 | -0.0044 | 0.1757 | 0.0029 | 0.0376 | 0.0585 | -0.0176 |
| y | 0.0532 | 0.0202 | 0.2689 | -0.0825 | -0.0559 | 0.0164 | -0.2185 | 0.0038 | -0.1177 |
| z | -0.0188 | 0.0402 | -0.0890 | 0.0297 | 0.1436 | 0.0523 | 0.1980 | -0.0510 | -0.2523 |
| Sn x | -0.0018 | 0.1206 | 0.0349 | 0.1451 | -0.0270 | 0.0866 | -0.0787 | 0.0261 | -0.0019 |
| y | 0.0196 | -0.0372 | -0.0140 | -0.0916 | -0.0675 | -0.0832 | -0.0350 | 0.0639 | -0.1989 |
| z | 0.0091 | 0.0643 | -0.0005 | 0.1415 | 0.1418 | 0.1614 | 0.0052 | -0.0675 | -0.0991 |
| Sn x | -0.0318 | 0.1230 | 0.1198 | 0.0593 | -0.1102 | 0.0744 | -0.1108 | 0.0127 | -0.1661 |
| y | -0.0715 | -0.0794 | -0.0348 | -0.0923 | 0.0223 | 0.0832 | 0.0798 | 0.0267 | -0.0720 |
| z | -0.0144 | 0.0339 | -0.1220 | 0.1497 | -0.3023 | -0.1406 | -0.1382 | 0.0899 | 0.0472 |
| Ag x | 0.1139 | 0.0743 | 0.2560 | -0.2113 | 0.0870 | 0.0648 | -0.2491 | -0.0030 | 0.0962 |
| y | -0.1196 | -0.0610 | -0.0546 | -0.0383 | -0.0617 | 0.0745 | 0.1331 | 0.0142 | -0.1251 |
| z | 0.0075 | -0.0640 | -0.2000 | -0.2911 | -0.0413 | 0.1143 | 0.0925 | 0.0097 | 0.0984 |
| Ag x | 0.1081 | 0.1717 | 0.3198 | -0.0419 | 0.0385 | 0.0382 | -0.2747 | 0.0468 | 0.0875 |
| y | 0.0643 | -0.0955 | -0.1181 | 0.0528 | 0.0426 | -0.0430 | -0.0354 | 0.0879 | -0.0800 |
| z | 0.0388 | 0.1122 | -0.1236 | 0.1410 | -0.0372 | 0.0091 | -0.0821 | 0.0773 | 0.0433 |

16: 33.8 17: 34.4 18: 37.0 19: 39.2 20: 41.1 21: 42.9 22: 44.5 23: 46.6 24: 47.2

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.0818 | 0.1972 | -0.0348 | -0.1250 | 0.1413 | 0.0059 | -0.0226 | 0.0718 | -0.0499 |
| y | -0.1935 | 0.0915 | 0.0441 | 0.1402 | 0.1284 | 0.0622 | 0.1865 | 0.1146 | 0.1129 |
| z | -0.1600 | 0.1963 | -0.0932 | 0.0032 | 0.0296 | 0.1030 | -0.0798 | 0.0805 | 0.0592 |
| Sn x | 0.1931 | -0.0643 | -0.0919 | 0.1061 | 0.0138 | -0.0529 | 0.1198 | 0.0254 | -0.0483 |
| y | 0.1651 | 0.0353 | -0.0137 | 0.0189 | 0.0527 | 0.2382 | -0.0389 | 0.0024 | -0.0071 |
| z | 0.0826 | -0.0532 | 0.1401 | -0.0127 | 0.0555 | 0.0296 | -0.2091 | 0.2194 | 0.0146 |
| Sn x | 0.0127 | 0.0517 | 0.1685 | 0.1046 | -0.1137 | 0.2403 | -0.0001 | -0.0597 | 0.0951 |
| y | -0.0059 | 0.1966 | 0.0009 | -0.1469 | -0.0746 | 0.0296 | 0.0239 | -0.0310 | -0.0624 |
| z | -0.0322 | 0.0561 | 0.0422 | -0.0671 | 0.0831 | -0.0198 | 0.0062 | -0.2710 | 0.0908 |
| Ag x | 0.0586 | -0.0717 | 0.0506 | -0.0801 | -0.1760 | -0.1572 | -0.2722 | -0.0666 | -0.2420 |
| y | -0.3776 | 0.0764 | 0.0553 | 0.0741 | 0.0048 | 0.0066 | 0.0342 | 0.0737 | -0.0568 |
| z | 0.0365 | -0.1880 | 0.0614 | 0.0369 | -0.0137 | 0.0739 | 0.1158 | -0.0830 | 0.0041 |
| Ag x | -0.0204 | 0.0032 | 0.1972 | -0.0989 | -0.0886 | -0.2538 | -0.0436 | -0.0191 | 0.1617 |
| y | -0.0320 | -0.1282 | -0.0244 | 0.0170 | -0.0594 | -0.1810 | -0.0202 | -0.0273 | -0.0921 |
| z | -0.1212 | -0.1728 | -0.0522 | 0.0994 | -0.1539 | -0.0665 | -0.0093 | 0.0923 | 0.1160 |
| Ag x | -0.0148 | -0.0055 | 0.0651 | -0.0945 | -0.1042 | -0.1281 | -0.2756 | -0.0253 | -0.2696 |
| y | 0.0646 | -0.0249 | -0.0116 | 0.0632 | -0.1863 | -0.0578 | 0.0168 | 0.0503 | -0.1195 |
| z | -0.0124 | -0.1322 | -0.0686 | 0.0818 | 0.1362 | 0.0132 | 0.1440 | 0.1370 | 0.0911 |
| Ag x | 0.1038 | -0.0484 | -0.0133 | 0.0839 | 0.0405 | 0.1701 | 0.0201 | 0.2045 | -0.0674 |
| y | 0.0153 | -0.1923 | -0.0697 | 0.0199 | 0.0493 | -0.0424 | -0.0389 | 0.0565 | -0.1443 |
| z | -0.0386 | -0.0145 | -0.0851 | 0.1092 | -0.0005 | -0.0645 | 0.0272 | -0.0484 | -0.2766 |
| Ag x | -0.1246 | -0.1847 | -0.0901 | -0.2426 | -0.0631 | 0.0476 | 0.0907 | 0.0743 | 0.0153 |
| y | -0.0054 | -0.0426 | -0.0535 | -0.0504 | 0.1862 | -0.1847 | -0.0597 | 0.0879 | 0.0424 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| z | 0.0340 | 0.3402 | -0.0702 | -0.0046 | 0.1110 | -0.0673 | -0.2847 | 0.0502 | -0.0305 |
| Ag x | -0.0219 | 0.0744 | -0.1974 | 0.2000 | 0.0613 | -0.1621 | -0.0504 | 0.0660 | 0.2505 |
| y | 0.0121 | -0.0361 | 0.1977 | -0.0949 | 0.0054 | -0.0663 | -0.1589 | -0.0865 | -0.1516 |
| z | 0.1142 | 0.0742 | 0.0329 | -0.1217 | 0.0801 | -0.1330 | 0.2306 | -0.0823 | -0.1412 |
| Sn x | 0.0538 | 0.1441 | -0.0474 | 0.0392 | -0.0937 | -0.0311 | 0.0919 | 0.2155 | 0.0540 |
| y | -0.0974 | 0.0887 | 0.0331 | 0.1429 | 0.1168 | 0.0981 | -0.1706 | -0.0442 | 0.1502 |
| z | -0.0207 | 0.0796 | -0.0547 | -0.1384 | 0.1731 | -0.0888 | 0.1453 | -0.0420 | -0.1106 |
| Sn x | -0.0292 | 0.1499 | 0.0694 | -0.1329 | 0.0387 | 0.0530 | 0.1435 | 0.0291 | -0.0532 |
| y | -0.0511 | -0.1791 | -0.0438 | 0.1559 | -0.0604 | -0.2966 | -0.0832 | 0.1207 | 0.0731 |
| z | -0.1623 | -0.0785 | 0.0349 | 0.0131 | -0.2565 | -0.0355 | 0.0118 | -0.0379 | 0.1202 |
| Sn x | 0.0108 | 0.0370 | 0.0087 | -0.0301 | -0.0385 | -0.1103 | -0.0776 | 0.0414 | 0.1456 |
| y | 0.0282 | -0.1082 | -0.0345 | 0.3177 | -0.0096 | -0.0626 | 0.0154 | -0.2742 | -0.0064 |
| z | 0.0339 | -0.0626 | -0.0840 | 0.0114 | 0.0568 | -0.0183 | 0.1511 | -0.0091 | -0.0432 |
| Sn x | -0.1529 | -0.1932 | -0.0019 | -0.2616 | -0.0512 | 0.0934 | 0.2431 | 0.0642 | -0.0051 |
| y | 0.0817 | 0.0462 | -0.0804 | -0.0049 | -0.1143 | -0.0634 | 0.1838 | 0.2494 | -0.0816 |
| z | -0.0331 | 0.1775 | 0.0260 | 0.0072 | -0.2239 | 0.0952 | 0.1599 | 0.0271 | 0.0086 |
| Ag x | 0.0230 | -0.1103 | 0.0312 | 0.0980 | -0.1064 | 0.0522 | 0.0009 | 0.1248 | -0.0423 |
| y | 0.2364 | -0.0120 | -0.0173 | -0.0676 | 0.0439 | -0.0026 | 0.1109 | -0.1500 | -0.0970 |
| z | -0.2647 | -0.1859 | 0.1398 | -0.0082 | 0.0153 | -0.0837 | -0.1800 | -0.1225 | -0.1385 |
| Ag x | 0.0027 | 0.1002 | 0.0062 | 0.0128 | -0.0491 | 0.1163 | -0.1754 | 0.0489 | 0.1033 |
| y | -0.0063 | -0.0470 | -0.0698 | -0.0408 | 0.1277 | 0.0468 | 0.0704 | 0.0664 | -0.0844 |
| z | -0.0014 | -0.0284 | -0.3340 | -0.1957 | -0.2424 | 0.0769 | -0.1617 | -0.1357 | 0.1867 |
| Sn x | -0.0944 | -0.0648 | -0.0781 | 0.1174 | 0.2073 | 0.0855 | -0.0173 | 0.0100 | -0.0709 |
| y | 0.1704 | -0.0924 | -0.0018 | -0.0931 | 0.1007 | 0.0677 | -0.0193 | 0.0006 | -0.1196 |
| z | 0.1233 | 0.0205 | 0.2505 | 0.0406 | -0.0220 | 0.0530 | -0.0418 | 0.2057 | -0.1225 |
| Ag x | 0.1243 | -0.1326 | 0.0923 | 0.1448 | 0.0046 | 0.1162 | 0.0841 | -0.1256 | -0.0120 |
| y | 0.0302 | 0.1498 | -0.0053 | -0.0235 | 0.2078 | -0.1097 | -0.0547 | 0.1163 | -0.0859 |
| z | 0.2715 | -0.1260 | -0.0184 | 0.0005 | 0.1401 | -0.0190 | -0.0548 | -0.0743 | 0.1374 |
| Sn x | -0.0694 | 0.0553 | -0.1681 | 0.1165 | 0.0872 | -0.0925 | -0.0554 | -0.0524 | 0.0732 |
| y | 0.0841 | 0.0796 | 0.1511 | 0.1453 | -0.0801 | -0.0853 | -0.0784 | 0.0690 | 0.2278 |
| z | 0.0938 | -0.0386 | 0.0740 | -0.1183 | 0.0724 | -0.0877 | -0.0169 | 0.1636 | 0.0137 |
| Ag x | 0.0413 | 0.0695 | 0.0675 | 0.2981 | -0.0282 | -0.2182 | 0.2401 | -0.2386 | -0.0576 |
| y | -0.0689 | -0.2759 | -0.2051 | -0.1962 | 0.0441 | 0.0106 | -0.0269 | 0.0854 | 0.1479 |
| z | 0.1185 | 0.1039 | -0.1469 | 0.0083 | 0.0700 | -0.1466 | 0.0886 | -0.0732 | 0.0656 |
| Sn x | -0.0686 | -0.0408 | 0.1574 | -0.0300 | 0.0467 | 0.1043 | 0.0060 | 0.0600 | 0.0600 |
| y | 0.0480 | -0.0106 | -0.1069 | -0.1563 | -0.0843 | 0.1183 | 0.0426 | -0.0589 | 0.0833 |
| z | -0.1129 | 0.0415 | -0.1197 | -0.0205 | -0.1508 | 0.0029 | 0.0625 | 0.0220 | -0.0982 |
| Sn x | -0.0201 | -0.0704 | 0.1214 | -0.0179 | 0.0045 | 0.1917 | 0.0014 | -0.1626 | -0.0677 |
| y | 0.1129 | 0.1969 | 0.0418 | 0.0192 | -0.2494 | 0.0496 | 0.0611 | 0.0216 | -0.0400 |
| z | 0.0211 | -0.0318 | -0.0286 | -0.0762 | 0.1672 | 0.0018 | -0.0246 | 0.0407 | 0.1280 |
| Ag x | -0.1406 | 0.0252 | -0.2137 | -0.0053 | 0.0552 | 0.0695 | -0.1546 | -0.1122 | -0.0756 |
| y | 0.0194 | 0.0709 | -0.0041 | 0.0041 | -0.1653 | -0.0658 | 0.1076 | -0.0856 | 0.1073 |
| z | -0.0089 | -0.1222 | -0.0720 | 0.2505 | 0.0689 | 0.2632 | -0.1310 | -0.0501 | -0.0883 |
| Sn x | -0.1359 | -0.0250 | 0.0789 | -0.1354 | 0.1584 | -0.1541 | 0.1210 | -0.0571 | 0.0469 |
| y | -0.0378 | -0.0150 | -0.0862 | 0.0551 | 0.1279 | 0.2749 | -0.0744 | -0.1044 | -0.0240 |
| z | -0.0729 | -0.0039 | 0.1437 | 0.1268 | -0.1533 | 0.0340 | 0.0718 | 0.0996 | 0.0067 |
| Sn x | -0.0104 | -0.0084 | 0.2532 | -0.0675 | 0.2234 | -0.0546 | 0.0166 | -0.0777 | 0.1697 |
| y | 0.0304 | 0.0240 | 0.0721 | -0.1668 | -0.0667 | 0.0956 | -0.0278 | -0.2020 | 0.1687 |
| z | -0.0717 | 0.1858 | -0.0036 | -0.0437 | -0.0208 | -0.0331 | 0.0231 | -0.2224 | -0.0247 |
| Ag x | 0.0375 | 0.0899 | -0.2470 | 0.0422 | -0.0902 | 0.0884 | 0.0020 | -0.0191 | -0.1837 |
| y | 0.0872 | -0.0296 | 0.1572 | -0.1362 | -0.0537 | 0.0436 | -0.0354 | -0.1034 | 0.1835 |
| z | 0.0267 | -0.0027 | 0.1398 | 0.0216 | 0.0515 | 0.0445 | 0.0175 | -0.1062 | 0.0167 |
| Ag x | 0.1709 | 0.0144 | -0.2052 | -0.0265 | -0.1107 | -0.0333 | -0.0645 | -0.0251 | 0.0526 |
| y | -0.3265 | 0.1206 | 0.0758 | -0.0167 | 0.0186 | 0.0507 | 0.0332 | 0.0593 | -0.1476 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| z | 0.1720 | -0.0583 | 0.1299 | 0.0098 | -0.0637 | 0.0710 | -0.0746 | 0.2064 | 0.0128 |

25: 47.6 26: 49.7 27: 51.4 28: 53.3 29: 54.5 30: 56.8 31: 57.8 32: 58.4 33: 59.7

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | -0.2141 | 0.1191 | 0.0279 | -0.0479 | -0.0613 | 0.0409 | 0.1272 | 0.0277 | -0.0302 |
| y | -0.0735 | -0.0496 | -0.0636 | -0.0164 | -0.0626 | -0.0051 | -0.1443 | -0.0721 | 0.1290 |
| z | 0.0175 | -0.0474 | 0.0126 | -0.1133 | 0.0240 | 0.0599 | 0.0036 | 0.0349 | 0.0446 |
| Sn x | 0.0111 | -0.0736 | 0.0215 | -0.1529 | 0.0321 | 0.0163 | -0.0237 | 0.1652 | 0.3937 |
| y | -0.1118 | -0.0118 | 0.0791 | 0.0437 | 0.1993 | 0.0649 | 0.0306 | 0.1230 | 0.0091 |
| z | -0.0507 | -0.2065 | 0.1012 | -0.0207 | -0.0765 | -0.2664 | -0.0704 | -0.0584 | 0.2687 |
| Sn x | -0.0518 | 0.1997 | 0.2387 | -0.0108 | 0.0627 | 0.0872 | -0.2265 | 0.1324 | -0.1815 |
| y | -0.1521 | -0.0548 | -0.1975 | 0.0478 | 0.0580 | -0.0002 | 0.1516 | -0.0851 | -0.0297 |
| z | -0.0748 | -0.0692 | -0.0283 | 0.0807 | 0.1041 | -0.0631 | -0.2097 | 0.0798 | -0.0975 |
| Ag x | 0.1554 | 0.0250 | 0.0752 | 0.0080 | 0.1278 | 0.0415 | -0.0352 | 0.0806 | 0.0333 |
| y | 0.1162 | -0.0288 | -0.0886 | -0.0167 | -0.0590 | 0.0357 | -0.1230 | -0.0384 | 0.1253 |
| z | 0.0129 | -0.0030 | 0.0004 | 0.0140 | 0.0745 | 0.0377 | 0.0897 | 0.0054 | 0.0081 |
| Ag x | -0.3220 | -0.1199 | 0.1111 | 0.0765 | -0.1341 | 0.0140 | 0.0950 | -0.1891 | -0.1328 |
| y | -0.1068 | -0.0014 | 0.1487 | 0.0571 | -0.2763 | 0.2392 | -0.0911 | 0.0486 | -0.0529 |
| z | -0.1675 | 0.1541 | -0.2550 | 0.1288 | 0.4455 | -0.0980 | 0.0403 | 0.0201 | 0.1388 |
| Ag x | 0.1187 | 0.0702 | -0.0640 | -0.0296 | 0.1177 | -0.0291 | -0.0561 | 0.0880 | 0.1137 |
| y | -0.0254 | -0.1020 | 0.1962 | -0.0604 | -0.1243 | -0.1809 | -0.0700 | -0.0087 | -0.0993 |
| z | -0.0054 | 0.0605 | -0.0555 | 0.0047 | -0.2014 | -0.0572 | 0.2174 | 0.0693 | -0.0949 |
| Ag x | 0.0536 | 0.0800 | -0.1126 | -0.1081 | 0.1107 | -0.3931 | 0.0117 | -0.0030 | -0.1245 |
| y | 0.0455 | 0.0809 | -0.0235 | -0.0037 | -0.2331 | 0.0424 | -0.0080 | 0.0970 | -0.1068 |
| z | 0.0667 | 0.0158 | 0.2517 | 0.0267 | -0.0258 | 0.0510 | -0.0436 | -0.1492 | 0.0245 |
| Ag x | 0.0187 | -0.1325 | 0.0355 | 0.0326 | 0.0886 | 0.0440 | 0.0289 | -0.0117 | -0.0744 |
| y | 0.0943 | -0.1756 | -0.0809 | -0.0218 | 0.1053 | 0.0860 | -0.0346 | 0.0691 | -0.1004 |
| z | 0.0309 | 0.0160 | 0.0408 | -0.0867 | 0.0383 | 0.0379 | 0.0910 | 0.0583 | -0.0986 |
| Ag x | 0.1537 | -0.0953 | -0.0120 | -0.0469 | 0.0334 | -0.0588 | -0.0719 | -0.0458 | -0.0679 |
| y | 0.0307 | -0.0215 | 0.0504 | 0.1196 | -0.0057 | -0.0854 | -0.0513 | -0.0673 | -0.0284 |
| z | -0.0513 | 0.1622 | -0.0317 | 0.0597 | -0.0448 | 0.0294 | -0.1720 | -0.1116 | 0.0098 |
| Sn x | 0.0323 | 0.0541 | 0.0034 | 0.1305 | -0.0554 | 0.0923 | -0.2605 | -0.0575 | 0.0511 |
| y | -0.1256 | -0.0359 | 0.0720 | -0.1250 | -0.0288 | -0.1035 | 0.0763 | 0.0266 | 0.0958 |
| z | -0.1136 | 0.0125 | -0.0144 | -0.0973 | 0.0477 | 0.0793 | -0.0356 | 0.0157 | 0.0169 |
| Sn x | -0.1309 | 0.0163 | 0.0135 | -0.0339 | -0.0400 | 0.0229 | 0.0178 | -0.0245 | -0.0192 |
| y | -0.3891 | 0.2086 | -0.0666 | 0.1858 | 0.0966 | 0.0083 | 0.0162 | -0.0406 | 0.0423 |
| z | -0.0052 | -0.1491 | 0.0247 | 0.0373 | 0.1009 | 0.0077 | -0.1000 | -0.0616 | 0.0177 |
| Sn x | 0.1279 | 0.0511 | 0.0166 | -0.0783 | 0.0648 | 0.0951 | 0.0736 | 0.1057 | -0.0684 |
| y | 0.1349 | -0.1197 | -0.0480 | -0.1668 | 0.0681 | 0.0529 | 0.0716 | -0.1131 | -0.0821 |
| z | -0.0266 | -0.0020 | 0.0723 | 0.0509 | 0.0629 | -0.0075 | -0.0951 | 0.0975 | 0.0391 |
| Sn x | 0.0220 | -0.2529 | -0.0570 | 0.0600 | -0.0778 | -0.0147 | 0.0294 | 0.0555 | -0.0056 |
| y | -0.0440 | -0.1804 | 0.0733 | 0.0271 | 0.0325 | 0.0308 | 0.2762 | 0.0295 | -0.0453 |
| z | 0.1666 | -0.2752 | 0.1690 | -0.1266 | -0.0159 | -0.0193 | 0.0551 | -0.0406 | -0.0738 |
| Ag x | -0.0519 | 0.0448 | -0.0227 | -0.1175 | -0.0116 | 0.0446 | -0.0486 | 0.1524 | 0.0036 |
| y | 0.0384 | -0.0458 | 0.0489 | 0.0118 | 0.2015 | 0.0129 | 0.0916 | 0.1500 | 0.1332 |
| z | -0.1026 | 0.0025 | -0.0211 | -0.3530 | -0.1057 | 0.0308 | 0.1182 | 0.0451 | -0.1156 |
| Ag x | 0.0102 | 0.0774 | 0.0961 | 0.0303 | -0.0665 | 0.0750 | 0.1486 | 0.1277 | 0.0157 |
| y | -0.0864 | 0.1558 | 0.1417 | -0.1289 | -0.0177 | -0.0461 | -0.1790 | -0.0011 | 0.0830 |
| z | 0.0488 | 0.1200 | -0.0439 | -0.0831 | -0.1200 | -0.0431 | 0.2719 | -0.2731 | 0.1272 |
| Sn x | -0.0491 | 0.0020 | 0.1307 | -0.0479 | -0.0816 | 0.1378 | 0.1018 | -0.0561 | 0.0948 |
| y | 0.1346 | 0.0323 | -0.1169 | -0.0369 | 0.0514 | -0.2447 | -0.0045 | -0.1064 | -0.1709 |
| z | 0.1060 | -0.0070 | -0.2054 | 0.0313 | -0.0087 | 0.2750 | 0.0413 | -0.1700 | 0.0498 |
| Ag x | -0.0073 | -0.0222 | 0.0054 | 0.1702 | -0.1436 | -0.0817 | 0.1063 | -0.1177 | 0.0631 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| y | -0.0668 | -0.1103 | -0.1624 | 0.0367 | -0.0504 | -0.0194 | 0.1203 | 0.0828 | 0.0069 |
| z | 0.1431 | -0.0459 | 0.0763 | 0.3793 | -0.1174 | 0.0240 | 0.0624 | -0.0974 | -0.0802 |
| Sn x | 0.0231 | -0.0367 | -0.0066 | 0.0618 | -0.0276 | -0.0772 | -0.2383 | -0.0803 | -0.0173 |
| y | 0.1397 | 0.0620 | 0.0925 | 0.0478 | -0.0583 | -0.1443 | -0.0107 | -0.0354 | 0.0129 |
| z | 0.0365 | -0.0326 | 0.0955 | 0.0717 | 0.0746 | -0.1547 | -0.0201 | 0.0534 | 0.0694 |
| Ag x | 0.0646 | -0.0100 | -0.2196 | -0.2219 | 0.0179 | -0.0379 | 0.1569 | -0.0194 | -0.0423 |
| y | 0.1146 | -0.0433 | 0.1307 | -0.1643 | 0.1861 | 0.2006 | -0.1320 | -0.0389 | -0.0562 |
| z | 0.0519 | 0.2156 | 0.0415 | -0.0403 | -0.0427 | 0.0248 | -0.1384 | -0.1531 | -0.0141 |
| Sn x | 0.0301 | 0.1236 | 0.0266 | 0.0498 | 0.0815 | 0.0390 | 0.0194 | -0.0859 | -0.1634 |
| y | -0.0254 | 0.3094 | 0.1191 | -0.2091 | -0.0123 | 0.0104 | 0.0325 | -0.1941 | 0.1570 |
| z | -0.0800 | 0.1628 | 0.0558 | 0.0034 | -0.1115 | -0.2431 | 0.0397 | 0.1803 | -0.1051 |
| Sn x | -0.0973 | 0.1225 | -0.1954 | 0.0048 | -0.1220 | -0.0111 | 0.0306 | -0.0850 | 0.1925 |
| y | -0.0984 | -0.1144 | 0.0928 | -0.0379 | 0.1458 | 0.0480 | 0.0285 | -0.1325 | 0.0788 |
| z | 0.1531 | 0.0874 | -0.1626 | -0.0323 | -0.0823 | 0.1493 | 0.0359 | 0.2516 | 0.0619 |
| Ag x | 0.0409 | -0.1303 | -0.0419 | 0.2728 | -0.1139 | -0.0731 | 0.0425 | -0.0331 | 0.1611 |
| y | 0.2182 | 0.1793 | 0.0440 | 0.1676 | -0.0644 | 0.0819 | 0.1829 | 0.2023 | 0.0489 |
| z | -0.1339 | -0.1907 | 0.0500 | 0.0819 | -0.0040 | 0.0472 | -0.0015 | 0.0312 | 0.0141 |
| Sn x | 0.1206 | 0.0778 | 0.1470 | -0.0528 | 0.0647 | -0.3517 | 0.0796 | -0.0170 | -0.1027 |
| y | -0.0594 | 0.0472 | 0.0426 | 0.1118 | 0.1314 | 0.0287 | 0.0451 | -0.0315 | -0.3148 |
| z | 0.0597 | 0.1410 | -0.0111 | 0.0986 | -0.0600 | 0.0693 | 0.0601 | 0.3098 | -0.1194 |
| Sn x | 0.0322 | -0.0539 | 0.1032 | -0.0048 | 0.2127 | 0.2190 | 0.1384 | -0.1246 | 0.0616 |
| y | 0.0025 | -0.0683 | -0.2489 | -0.0192 | -0.1069 | -0.0845 | -0.2348 | 0.1260 | -0.0403 |
| z | -0.1476 | -0.1219 | -0.0174 | 0.1081 | 0.0866 | -0.0518 | -0.0127 | 0.1428 | -0.0798 |
| Ag x | -0.0158 | -0.0475 | -0.1854 | 0.0800 | 0.0560 | 0.1123 | -0.1254 | -0.0674 | -0.1159 |
| y | 0.0068 | -0.0640 | -0.1466 | -0.0948 | -0.2048 | -0.0080 | -0.0976 | 0.1786 | 0.1348 |
| z | 0.0465 | 0.0175 | 0.0989 | -0.0425 | 0.0142 | -0.0109 | -0.0848 | -0.0456 | 0.2137 |
| Ag x | -0.0679 | -0.1056 | -0.1581 | -0.0179 | -0.1377 | 0.0320 | -0.1152 | 0.0852 | -0.0483 |
| y | 0.3213 | 0.1509 | -0.0801 | 0.2522 | 0.0032 | -0.0042 | 0.0409 | -0.1439 | 0.0778 |
| z | 0.0170 | 0.0072 | -0.2487 | -0.1857 | -0.0639 | 0.0998 | -0.1279 | -0.2755 | -0.2297 |

34: 60.5 35: 61.6 36: 64.2 37: 65.2 38: 66.2 39: 68.8 40: 70.3 41: 71.3 42: 73.3

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.0408 | -0.2278 | 0.0078 | 0.0762 | 0.0255 | -0.0785 | 0.0296 | 0.0071 | -0.0227 |
| y | 0.0421 | 0.0248 | 0.0104 | -0.0038 | -0.0760 | -0.1340 | -0.1313 | 0.0470 | -0.0617 |
| z | 0.0538 | -0.1127 | -0.0421 | 0.0763 | -0.0491 | -0.1797 | -0.0621 | -0.0274 | -0.0458 |
| Sn x | 0.0633 | -0.0326 | -0.0284 | -0.1512 | 0.1286 | -0.0820 | 0.1618 | 0.0273 | 0.1280 |
| y | 0.1654 | 0.1440 | 0.0209 | 0.1063 | 0.1399 | 0.2489 | 0.0122 | -0.2152 | -0.1264 |
| z | -0.0686 | 0.0825 | -0.0849 | 0.2827 | 0.1426 | -0.1010 | 0.0315 | -0.1175 | 0.1147 |
| Sn x | -0.2321 | -0.0484 | -0.0893 | -0.0487 | 0.0441 | -0.0210 | -0.1839 | 0.1478 | 0.1526 |
| y | 0.0731 | 0.2207 | 0.1934 | -0.0327 | -0.0443 | -0.0694 | 0.0604 | 0.0885 | 0.2668 |
| z | 0.1189 | -0.0651 | -0.1345 | 0.1354 | 0.1827 | 0.0702 | -0.0822 | 0.1616 | -0.1317 |
| Ag x | -0.0428 | 0.1210 | -0.1222 | 0.0113 | -0.0148 | -0.0475 | -0.0520 | -0.0256 | -0.1101 |
| y | -0.0007 | -0.0519 | -0.0169 | -0.0151 | 0.1325 | -0.0276 | 0.0418 | 0.0623 | 0.0359 |
| z | 0.0186 | 0.0372 | 0.0283 | 0.0901 | 0.0109 | -0.0607 | -0.0352 | 0.0161 | 0.0358 |
| Ag x | -0.1650 | -0.0660 | -0.0034 | -0.0108 | -0.1002 | -0.0816 | 0.0043 | -0.0605 | -0.0318 |
| y | 0.0591 | 0.0758 | 0.0992 | 0.0774 | 0.1818 | -0.0425 | -0.0835 | 0.0436 | 0.1524 |
| z | -0.0830 | -0.0467 | -0.0942 | -0.0443 | -0.0021 | 0.0321 | 0.0327 | -0.0161 | -0.0191 |
| Ag x | -0.1007 | 0.1139 | -0.1591 | -0.0726 | -0.1198 | -0.1022 | -0.0338 | -0.0269 | -0.1441 |
| y | 0.2707 | -0.2093 | 0.0092 | 0.0568 | -0.3005 | 0.1265 | 0.1953 | -0.0235 | -0.1915 |
| z | -0.0227 | 0.0366 | 0.0077 | 0.0753 | 0.0028 | -0.0433 | -0.0566 | 0.1220 | -0.1265 |
| Ag x | 0.0404 | -0.1500 | 0.1120 | 0.0736 | -0.2231 | 0.0722 | -0.0484 | 0.1566 | 0.0898 |
| y | -0.0800 | 0.0829 | 0.0543 | 0.0817 | 0.0238 | -0.0636 | -0.1695 | 0.0965 | 0.0122 |
| z | 0.3289 | 0.0766 | -0.0262 | -0.0203 | -0.0275 | -0.0323 | 0.1034 | 0.0515 | 0.0950 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ag x | -0.0914 | -0.0632 | 0.1328 | -0.0357 | 0.0799 | 0.1140 | 0.0627 | 0.0069 | 0.0911 |
| y | 0.1855 | 0.0485 | -0.0251 | -0.0985 | -0.0446 | 0.0802 | -0.2632 | -0.0722 | 0.1060 |
| z | 0.0798 | -0.2407 | 0.0749 | -0.0118 | 0.1407 | -0.0379 | -0.0593 | 0.0110 | 0.0410 |
| Ag x | -0.0461 | 0.1023 | 0.1724 | -0.0945 | 0.0865 | 0.2062 | -0.0438 | 0.0999 | 0.0518 |
| y | -0.0416 | -0.0137 | 0.1355 | -0.1482 | 0.1215 | 0.0004 | -0.0374 | 0.0678 | -0.1171 |
| z | -0.0362 | 0.1227 | -0.1036 | 0.0086 | -0.1746 | 0.1152 | -0.0517 | -0.0721 | 0.0633 |
| Sn x | 0.1133 | 0.1304 | -0.2142 | 0.1912 | -0.1170 | -0.2192 | -0.2483 | -0.0603 | 0.0111 |
| y | -0.0209 | 0.1517 | 0.0274 | -0.1055 | -0.2358 | -0.0405 | 0.1139 | -0.0941 | -0.1572 |
| z | -0.0332 | 0.0009 | -0.0642 | -0.0303 | -0.2230 | 0.0390 | -0.2001 | -0.1109 | 0.0207 |
| Sn x | -0.0031 | -0.1570 | 0.1041 | 0.0130 | 0.1334 | 0.0367 | 0.0708 | 0.0230 | 0.1260 |
| y | 0.0291 | -0.1540 | -0.0142 | 0.0569 | 0.0280 | -0.0071 | 0.0464 | -0.0087 | 0.0216 |
| z | 0.0004 | 0.0472 | 0.0177 | -0.0265 | -0.0304 | 0.0625 | 0.0185 | -0.0370 | 0.0506 |
| Sn x | 0.0352 | -0.0335 | 0.1108 | 0.1295 | -0.0207 | -0.0888 | 0.2323 | -0.0872 | -0.0121 |
| y | -0.1264 | -0.1611 | -0.0446 | 0.2091 | 0.0547 | -0.0635 | 0.0016 | 0.0285 | 0.1366 |
| z | 0.0359 | -0.1481 | 0.0929 | -0.2851 | -0.0173 | -0.2061 | -0.0491 | 0.1511 | -0.1354 |
| Sn x | 0.0597 | 0.1718 | -0.1877 | -0.0184 | -0.0683 | 0.1031 | 0.1894 | 0.1212 | 0.0562 |
| y | -0.2183 | 0.0535 | -0.1949 | -0.0362 | 0.1530 | 0.0035 | -0.0655 | 0.0721 | -0.1932 |
| z | -0.1030 | -0.0227 | -0.0132 | -0.0193 | 0.0451 | 0.0330 | -0.0637 | -0.0105 | -0.1365 |
| Ag x | 0.2250 | -0.0260 | 0.0670 | 0.1085 | 0.2214 | 0.1124 | 0.0050 | 0.1190 | 0.0748 |
| y | -0.0210 | 0.0437 | 0.1050 | -0.0384 | -0.0255 | 0.0244 | 0.0244 | 0.0328 | 0.0127 |
| z | -0.0312 | 0.0348 | 0.0474 | -0.0560 | -0.0104 | 0.1112 | 0.0411 | 0.1419 | 0.0516 |
| Ag x | -0.0510 | 0.0218 | -0.1607 | 0.0563 | -0.0990 | -0.0185 | 0.1279 | 0.1691 | 0.1179 |
| y | -0.1987 | -0.0445 | -0.1024 | 0.0813 | 0.0381 | 0.1238 | 0.1313 | 0.0363 | -0.1582 |
| z | 0.2047 | 0.0844 | -0.0321 | -0.0074 | -0.0094 | -0.0492 | -0.1680 | 0.0557 | -0.0424 |
| Sn x | -0.1462 | 0.0535 | 0.1002 | -0.1718 | -0.0634 | 0.0486 | 0.0126 | -0.3001 | -0.0369 |
| y | -0.1545 | -0.0265 | 0.0092 | 0.0559 | -0.1113 | -0.0755 | -0.1349 | 0.1623 | 0.1209 |
| z | -0.1458 | -0.0689 | 0.2080 | 0.1134 | -0.1935 | 0.2052 | -0.0480 | 0.0704 | -0.1713 |
| Ag x | 0.0280 | -0.1480 | 0.0105 | -0.0431 | 0.0939 | -0.1300 | -0.1134 | -0.1060 | -0.1899 |
| y | 0.1593 | 0.0610 | -0.2016 | -0.0504 | 0.0076 | 0.0626 | 0.0666 | 0.1079 | 0.0358 |
| z | -0.0164 | -0.0469 | 0.0512 | -0.0080 | 0.0510 | -0.0866 | 0.1475 | -0.0739 | 0.0195 |
| Sn x | -0.0582 | 0.0921 | 0.1911 | -0.3293 | -0.0250 | 0.0627 | 0.0079 | 0.1569 | -0.2202 |
| y | 0.0176 | 0.2990 | 0.0506 | -0.0011 | -0.0432 | 0.0766 | -0.0440 | 0.0277 | 0.1146 |
| z | 0.0485 | -0.0249 | 0.2062 | -0.0752 | 0.1858 | -0.0296 | -0.0384 | 0.0336 | -0.0644 |
| Ag x | 0.0327 | 0.0332 | -0.0936 | 0.1410 | 0.1040 | 0.0079 | -0.0656 | -0.2057 | -0.1195 |
| y | 0.0170 | -0.2065 | 0.1151 | 0.1574 | -0.1801 | -0.1468 | -0.0665 | -0.1996 | 0.0289 |
| z | -0.1737 | 0.0932 | -0.0196 | 0.1554 | -0.0782 | 0.1774 | 0.3921 | 0.0627 | 0.1322 |
| Sn x | 0.2039 | 0.1408 | 0.0588 | 0.1209 | 0.0987 | 0.2241 | -0.1322 | -0.1010 | -0.0888 |
| y | -0.0263 | 0.0853 | -0.0753 | -0.0242 | 0.1890 | 0.0160 | -0.0231 | 0.1956 | -0.2193 |
| z | -0.0761 | 0.0963 | 0.1199 | 0.0291 | 0.0676 | 0.1140 | -0.0798 | -0.2990 | -0.0551 |
| Sn x | 0.1068 | 0.0227 | 0.1773 | -0.0837 | -0.0533 | -0.0764 | -0.1244 | -0.0207 | 0.1399 |
| y | -0.1689 | -0.0019 | 0.1484 | -0.1075 | 0.0110 | -0.0382 | -0.0659 | -0.0939 | 0.2374 |
| z | -0.2356 | 0.1461 | 0.0284 | -0.0041 | 0.1044 | -0.0545 | -0.0067 | -0.0888 | 0.0381 |
| Ag x | -0.1257 | -0.1811 | -0.1078 | 0.1306 | -0.0478 | 0.3362 | -0.1304 | -0.0200 | 0.0692 |
| y | 0.0546 | -0.2234 | -0.1035 | -0.1577 | -0.1645 | 0.0496 | -0.0627 | 0.1061 | 0.0934 |
| z | -0.0712 | 0.0650 | -0.1309 | 0.0157 | -0.1166 | -0.1195 | 0.0512 | 0.1558 | 0.0861 |
| Sn x | -0.0029 | 0.0396 | -0.0980 | -0.0603 | 0.0327 | -0.2541 | 0.0491 | -0.1520 | 0.1532 |
| y | 0.0368 | 0.0902 | -0.2096 | -0.1719 | 0.0333 | -0.0108 | 0.0908 | -0.2059 | 0.0494 |
| z | 0.1159 | 0.0582 | 0.0704 | -0.0843 | -0.1600 | -0.0661 | 0.1243 | -0.0549 | -0.0189 |
| Sn x | 0.1088 | 0.0491 | -0.0705 | 0.0705 | -0.0985 | -0.0020 | 0.0491 | 0.2237 | -0.1761 |
| y | 0.0515 | -0.0303 | 0.0125 | 0.0979 | 0.0756 | -0.1292 | 0.1276 | -0.0067 | -0.1205 |
| z | -0.0790 | 0.0112 | 0.0538 | 0.1159 | -0.0026 | -0.0389 | -0.0134 | 0.1004 | -0.0150 |
| Ag x | 0.0099 | 0.1432 | 0.2508 | 0.1394 | -0.0001 | -0.2539 | 0.2063 | -0.0168 | -0.1434 |
| y | -0.0470 | -0.1107 | 0.0370 | -0.0239 | -0.1206 | 0.0623 | 0.0594 | -0.1613 | -0.0707 |
| z | 0.1323 | -0.1226 | -0.0069 | -0.0889 | -0.0089 | 0.1799 | -0.0453 | -0.1030 | 0.1879 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ag x | -0.0170 | -0.1114 | -0.1638 | -0.1293 | 0.0015 | 0.1485 | -0.0381 | -0.0747 | 0.0236 |
| y | -0.0429 | -0.1813 | -0.0367 | 0.0323 | 0.1480 | -0.0155 | 0.1765 | -0.0937 | -0.0121 |
| z | 0.0559 | -0.0935 | -0.2767 | -0.3476 | 0.1674 | -0.0270 | 0.1402 | -0.1115 | 0.0526 |

43: 74.2 44: 75.8 45: 77.3 46: 78.7 47: 83.0 48: 84.8 49: 86.1 50: 87.7 51: 91.6

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | -0.0061 | -0.0731 | -0.0789 | -0.0762 | -0.0202 | 0.0981 | 0.0112 | 0.0246 | 0.0425 |
| y | -0.0747 | 0.1988 | 0.2709 | 0.0506 | -0.0197 | -0.0035 | -0.0435 | 0.1317 | -0.0828 |
| z | -0.1045 | -0.0151 | 0.1644 | -0.0899 | -0.0213 | 0.0582 | -0.0237 | 0.0247 | -0.0283 |
| Sn x | 0.1089 | 0.1286 | -0.2198 | -0.1046 | 0.0290 | -0.0806 | 0.0535 | 0.1352 | 0.0897 |
| y | -0.1349 | 0.0635 | -0.0308 | 0.0609 | -0.0220 | 0.1043 | 0.0405 | -0.1555 | -0.2597 |
| z | 0.0454 | 0.0095 | -0.1120 | -0.0221 | -0.1378 | -0.0503 | 0.0581 | -0.1172 | 0.1530 |
| Sn x | 0.1259 | 0.1818 | -0.1104 | -0.1846 | -0.2295 | 0.2189 | -0.0637 | -0.1734 | -0.0387 |
| y | -0.2713 | 0.1111 | -0.0463 | -0.1219 | -0.2122 | -0.0539 | 0.0353 | 0.1805 | 0.0992 |
| z | 0.0589 | -0.0936 | 0.0090 | -0.2283 | 0.2142 | -0.1279 | 0.0029 | 0.0644 | 0.1742 |
| Ag x | -0.0401 | -0.0717 | -0.0715 | 0.0422 | -0.0143 | 0.1453 | -0.0163 | 0.1184 | 0.2058 |
| y | -0.0201 | 0.2170 | 0.2371 | 0.0817 | 0.0606 | -0.0158 | -0.0356 | -0.2323 | 0.2425 |
| z | -0.0009 | -0.1218 | 0.0033 | 0.1811 | -0.1880 | -0.1151 | -0.4556 | 0.0285 | 0.1429 |
| Ag x | 0.0667 | 0.0278 | 0.0119 | -0.0170 | -0.0717 | -0.1058 | -0.1643 | 0.0426 | -0.0369 |
| y | -0.0260 | -0.1582 | 0.0794 | -0.0532 | 0.0614 | 0.0052 | 0.1375 | -0.0353 | -0.0541 |
| z | 0.0327 | 0.0707 | 0.0130 | -0.0237 | 0.0041 | -0.0690 | -0.0911 | -0.0120 | -0.1428 |
| Ag x | -0.1196 | 0.3155 | 0.1757 | -0.1237 | -0.0157 | -0.1807 | -0.0039 | -0.1702 | -0.1388 |
| y | 0.0756 | 0.1610 | -0.0450 | 0.1422 | -0.1772 | 0.1472 | -0.0066 | -0.0006 | 0.0683 |
| z | -0.1501 | 0.2149 | -0.3228 | 0.0746 | -0.1094 | -0.0261 | -0.0470 | 0.0328 | 0.0454 |
| Ag x | 0.0531 | 0.0101 | 0.1090 | -0.1557 | 0.0436 | 0.0102 | 0.2040 | 0.0184 | 0.1110 |
| y | -0.0638 | 0.0340 | 0.0558 | -0.1386 | 0.0195 | -0.1553 | -0.0007 | -0.0394 | -0.0155 |
| z | -0.0742 | 0.0738 | 0.0348 | -0.0185 | -0.1485 | -0.1601 | -0.1147 | 0.0677 | -0.1537 |
| Ag x | 0.1029 | 0.1218 | 0.0539 | 0.0996 | -0.1419 | -0.3617 | 0.1473 | 0.0692 | -0.1108 |
| y | 0.3381 | 0.0268 | -0.0852 | -0.0053 | -0.2502 | 0.0227 | -0.0158 | -0.2078 | 0.0147 |
| z | 0.1257 | 0.0091 | -0.0055 | 0.0896 | 0.0113 | -0.0421 | -0.1852 | -0.1681 | 0.1015 |
| Ag x | 0.0816 | 0.1351 | -0.0437 | 0.1592 | 0.0782 | 0.0413 | -0.0214 | 0.0925 | -0.0116 |
| y | -0.0210 | 0.1211 | 0.0409 | 0.0983 | 0.0993 | 0.1750 | 0.0322 | 0.1616 | 0.0332 |
| z | 0.1201 | 0.0668 | -0.1577 | 0.0280 | 0.0965 | -0.1210 | 0.0908 | -0.1931 | -0.0186 |
| Sn x | -0.0988 | -0.1667 | -0.0564 | 0.1413 | -0.0454 | 0.0416 | -0.0205 | 0.1884 | -0.0204 |
| y | -0.0868 | -0.2098 | -0.1044 | -0.3004 | -0.1059 | -0.0355 | 0.1497 | -0.1070 | -0.0579 |
| z | 0.1227 | 0.2336 | -0.1006 | -0.0099 | 0.1967 | 0.1607 | 0.2074 | 0.3042 | -0.0522 |
| Sn x | 0.0915 | 0.0118 | 0.1165 | 0.0723 | -0.0142 | -0.1098 | 0.0014 | -0.0963 | 0.0064 |
| y | 0.0846 | -0.0415 | -0.0060 | 0.0490 | 0.0471 | 0.1585 | 0.0707 | -0.0212 | 0.1610 |
| z | 0.0299 | -0.1280 | 0.0452 | -0.0555 | 0.0058 | 0.0970 | 0.1533 | 0.0714 | -0.0023 |
| Sn x | -0.1644 | -0.0390 | 0.0536 | -0.0751 | 0.0950 | -0.0539 | -0.0169 | 0.1549 | 0.1857 |
| y | -0.0997 | 0.1412 | 0.0428 | -0.0364 | 0.0406 | 0.3026 | -0.0814 | 0.0994 | -0.1806 |
| z | -0.1212 | -0.1823 | 0.0059 | -0.1408 | -0.1248 | 0.0253 | -0.0900 | -0.1050 | -0.1217 |
| Sn x | 0.0453 | -0.1066 | 0.0857 | -0.1739 | -0.0118 | 0.3721 | -0.1298 | -0.1014 | 0.1003 |
| y | -0.0442 | -0.0061 | -0.0646 | -0.0868 | 0.2549 | -0.0096 | -0.0968 | -0.1852 | 0.0216 |
| z | -0.0305 | 0.0289 | -0.1045 | 0.0249 | 0.1351 | -0.0286 | 0.1003 | -0.0054 | 0.0794 |
| Ag x | -0.0804 | -0.0515 | -0.0513 | 0.0490 | 0.0366 | -0.0044 | 0.1008 | -0.0817 | -0.2440 |
| y | 0.0260 | -0.0033 | 0.0026 | 0.0921 | 0.0052 | 0.0351 | -0.1395 | 0.0391 | 0.0748 |
| z | 0.0162 | -0.1042 | -0.1372 | 0.0166 | 0.0619 | -0.0130 | 0.0982 | 0.0470 | -0.0676 |
| Ag x | 0.1082 | 0.0091 | 0.0573 | 0.1226 | 0.0943 | -0.0204 | -0.0257 | 0.1328 | -0.1975 |
| y | -0.0446 | -0.1461 | 0.0668 | 0.1617 | 0.0095 | -0.1327 | 0.0108 | 0.1293 | -0.0548 |
| z | 0.1440 | 0.0434 | 0.0700 | 0.0170 | 0.0866 | 0.0756 | 0.0086 | -0.1326 | -0.0790 |
| Sn x | 0.2002 | 0.0570 | 0.0648 | -0.2221 | 0.0792 | -0.0029 | -0.2701 | 0.1512 | 0.0474 |
| y | 0.0301 | -0.1862 | 0.1145 | 0.0381 | 0.0372 | -0.0739 | -0.0231 | 0.0154 | 0.0394 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| z | 0.0649 | -0.1582 | 0.0570 | 0.0040 | -0.0673 | 0.0401 | -0.0950 | -0.0118 | -0.0863 |
| Ag x | -0.0114 | 0.0433 | 0.0171 | 0.0452 | 0.2215 | -0.0875 | 0.1643 | -0.0896 | -0.0385 |
| y | 0.0409 | -0.0833 | 0.0928 | -0.0711 | 0.1006 | 0.0376 | -0.0337 | -0.0020 | -0.1287 |
| z | 0.0316 | 0.1632 | 0.1971 | -0.1891 | -0.1507 | 0.0548 | 0.2320 | -0.0295 | -0.0121 |
| Sn x | -0.1349 | -0.1813 | -0.1054 | 0.0668 | -0.0646 | -0.0049 | 0.0151 | -0.1025 | 0.0292 |
| y | 0.0797 | -0.0132 | -0.1460 | 0.0125 | 0.1740 | -0.1465 | -0.1099 | 0.0400 | 0.0047 |
| z | -0.0932 | 0.0216 | 0.0678 | -0.0285 | 0.0529 | 0.1426 | -0.1043 | 0.1816 | -0.0709 |
| Ag x | 0.0592 | -0.1327 | 0.0976 | -0.0689 | -0.2579 | -0.1207 | 0.1105 | -0.0348 | 0.0771 |
| y | -0.1765 | -0.0079 | -0.1723 | -0.0645 | 0.1341 | -0.1000 | 0.0174 | -0.1272 | 0.0660 |
| z | -0.1545 | 0.0824 | 0.0395 | -0.0901 | 0.1201 | 0.0435 | -0.1171 | -0.2337 | 0.0210 |
| Sn x | -0.0673 | 0.0567 | 0.0322 | -0.2644 | 0.0617 | -0.0506 | -0.1040 | 0.1184 | 0.0653 |
| y | 0.1764 | 0.0049 | 0.0766 | -0.0094 | -0.2533 | 0.0244 | 0.1007 | 0.1425 | 0.1670 |
| z | -0.0384 | -0.0191 | 0.1258 | 0.0813 | -0.0385 | 0.0668 | -0.0688 | -0.0037 | -0.0741 |
| Sn x | -0.1796 | 0.0539 | -0.1971 | 0.1224 | 0.1719 | 0.1223 | -0.0877 | -0.2058 | 0.1466 |
| y | -0.0220 | -0.1303 | 0.0523 | -0.0036 | 0.0137 | -0.0437 | 0.1422 | -0.0575 | -0.0510 |
| z | -0.0226 | -0.0864 | 0.0885 | 0.1316 | -0.1371 | 0.1622 | 0.2173 | 0.0285 | 0.0323 |
| Ag x | -0.1473 | -0.1145 | -0.1010 | 0.0155 | -0.1030 | -0.0446 | -0.0152 | 0.0813 | -0.1082 |
| y | -0.0328 | -0.1017 | -0.0233 | -0.0853 | 0.0038 | -0.1087 | -0.0258 | 0.0696 | -0.0554 |
| z | 0.1515 | -0.0232 | 0.0210 | 0.1180 | 0.0579 | -0.1119 | 0.0250 | 0.0400 | 0.0434 |
| Sn x | -0.0071 | -0.1417 | 0.0270 | 0.1747 | 0.0354 | 0.1057 | -0.0281 | -0.0885 | -0.2537 |
| y | -0.0415 | -0.0298 | 0.0201 | 0.2069 | 0.0366 | -0.0592 | 0.0309 | 0.0522 | 0.2214 |
| z | 0.0978 | 0.0112 | 0.0795 | 0.0745 | 0.1059 | -0.0867 | 0.1352 | -0.0437 | 0.1449 |
| Sn x | -0.0884 | 0.0137 | 0.0400 | 0.2492 | -0.0102 | -0.0208 | 0.1790 | -0.1300 | -0.0211 |
| y | 0.1727 | 0.0342 | -0.1138 | -0.1113 | 0.0704 | -0.1649 | -0.1615 | 0.0891 | -0.1909 |
| z | -0.1313 | 0.1091 | -0.1386 | 0.0727 | -0.1067 | -0.0056 | 0.0601 | 0.0151 | 0.0194 |
| Ag x | 0.3052 | -0.1051 | -0.0255 | 0.0492 | 0.0943 | 0.0978 | -0.0012 | -0.0292 | -0.1026 |
| y | 0.0373 | 0.0591 | 0.0340 | 0.1684 | -0.0431 | 0.0439 | -0.0817 | -0.0301 | -0.0687 |
| z | 0.0227 | -0.1971 | 0.1651 | -0.0137 | 0.1063 | 0.0079 | -0.0097 | 0.0277 | 0.0588 |
| Ag x | -0.1947 | 0.0276 | 0.1358 | 0.0704 | -0.0438 | -0.0352 | 0.0043 | -0.0183 | 0.1973 |
| y | 0.1098 | -0.0521 | -0.3524 | -0.0618 | -0.0879 | 0.0466 | 0.0848 | 0.0398 | -0.0084 |
| z | -0.1368 | 0.0039 | -0.1170 | 0.0052 | -0.0289 | 0.0006 | -0.0142 | 0.1025 | -0.1147 |

52: 92.7 53: 98.0 54: 100.2 55: 101.8 56: 104.0 57: 104.3 58: 107.7 59: 109.0 60: 111.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.0229 | 0.1377 | -0.0550 | 0.0439 | 0.0101 | -0.0562 | 0.1401 | 0.1886 | 0.2182 |
| y | -0.0661 | 0.0264 | 0.2444 | 0.1415 | 0.0185 | -0.2132 | 0.1692 | -0.0446 | -0.0488 |
| z | 0.0309 | 0.1610 | -0.0719 | 0.0327 | -0.0144 | 0.0191 | 0.3057 | 0.1797 | 0.0062 |
| Sn x | 0.0460 | 0.1133 | -0.1003 | 0.2441 | -0.0042 | -0.1307 | -0.1729 | -0.0631 | -0.0016 |
| y | -0.1751 | -0.1090 | -0.0364 | -0.0405 | 0.0338 | 0.1269 | -0.0095 | -0.2128 | 0.1290 |
| z | -0.3221 | -0.0998 | -0.1124 | -0.0348 | -0.2564 | -0.0910 | 0.1706 | -0.0286 | -0.0565 |
| Sn x | 0.0050 | -0.0245 | -0.0160 | 0.0368 | 0.0591 | 0.1127 | 0.0364 | 0.1229 | -0.1084 |
| y | -0.0346 | -0.0805 | -0.0615 | -0.0100 | 0.0686 | 0.1815 | 0.1303 | -0.0482 | 0.1418 |
| z | -0.0560 | -0.0667 | 0.2238 | 0.1796 | -0.0698 | 0.2586 | 0.0712 | -0.1167 | 0.0760 |
| Ag x | 0.0284 | -0.2662 | 0.1058 | -0.1311 | 0.1062 | -0.0514 | -0.0024 | -0.0110 | -0.0993 |
| y | 0.1725 | -0.2016 | -0.2470 | -0.1041 | 0.0871 | 0.1482 | -0.1458 | -0.0981 | 0.0389 |
| z | -0.0017 | 0.0729 | 0.2016 | -0.1691 | -0.2309 | 0.0145 | -0.0693 | 0.0076 | 0.2575 |
| Ag x | -0.0780 | 0.1112 | 0.0170 | 0.0730 | -0.0765 | 0.0305 | -0.0701 | -0.0219 | -0.0205 |
| y | -0.0054 | 0.0544 | 0.1046 | -0.1540 | -0.0499 | -0.0826 | 0.0926 | 0.1032 | 0.0567 |
| z | -0.0851 | 0.1288 | -0.0490 | 0.0855 | -0.0396 | 0.0721 | -0.0201 | 0.0300 | -0.1036 |
| Ag x | 0.0393 | 0.1410 | 0.0675 | 0.0847 | -0.0504 | -0.0021 | 0.0701 | -0.0282 | 0.1528 |
| y | 0.1619 | 0.0110 | 0.1059 | 0.2493 | -0.1957 | 0.1702 | 0.1170 | -0.1387 | -0.0097 |
| z | -0.0623 | -0.1237 | 0.0274 | 0.0156 | 0.1619 | 0.1436 | -0.0572 | -0.0518 | -0.1815 |
| Ag x | 0.0169 | 0.0039 | 0.0564 | -0.3791 | -0.0625 | -0.1048 | 0.0076 | 0.1087 | -0.0263 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| y | -0.0822 | 0.1549 | 0.1477 | 0.0291 | -0.1413 | 0.0606 | -0.1697 | -0.0895 | -0.0159 |
| z | -0.0958 | 0.0911 | -0.1886 | -0.2025 | 0.0948 | -0.0876 | -0.0754 | 0.0861 | -0.0147 |
| Ag x | 0.0471 | -0.3611 | 0.1640 | 0.1091 | -0.0372 | -0.0405 | -0.0770 | 0.1103 | 0.0158 |
| y | -0.0159 | 0.0357 | 0.1571 | 0.0392 | 0.1175 | -0.2167 | 0.0316 | 0.0801 | 0.0580 |
| z | -0.0042 | 0.0365 | 0.0432 | -0.0740 | 0.0608 | -0.0054 | -0.2202 | -0.3074 | -0.1145 |
| Ag x | -0.1615 | 0.0931 | 0.0279 | -0.0297 | -0.0116 | -0.0530 | 0.0918 | -0.0790 | 0.0075 |
| y | -0.1313 | 0.0671 | 0.0471 | -0.0165 | 0.0934 | -0.0556 | 0.1035 | -0.0576 | -0.1275 |
| z | 0.0726 | 0.0034 | -0.1117 | -0.0539 | -0.1094 | 0.0669 | -0.0163 | 0.0174 | 0.1398 |
| Sn x | -0.0521 | -0.1508 | -0.0651 | 0.1146 | 0.0773 | 0.0693 | -0.1675 | 0.0416 | -0.2402 |
| y | 0.0623 | -0.1100 | 0.2072 | -0.0628 | 0.0843 | -0.0297 | -0.3038 | -0.0063 | 0.0182 |
| z | -0.0931 | 0.0298 | -0.0209 | -0.1399 | -0.0251 | 0.0328 | -0.1394 | -0.1396 | 0.1073 |
| Sn x | 0.0422 | -0.0378 | -0.0656 | -0.0774 | -0.0309 | 0.1380 | -0.0006 | -0.0590 | -0.1425 |
| y | 0.1081 | -0.1895 | -0.0613 | -0.1123 | 0.1092 | -0.1029 | 0.0421 | -0.0307 | 0.1370 |
| z | 0.0268 | -0.0278 | 0.0043 | -0.0299 | -0.0058 | -0.0547 | 0.0168 | 0.0182 | 0.0118 |
| Sn x | -0.0740 | 0.0291 | -0.0285 | 0.0676 | 0.0511 | -0.0768 | -0.0767 | -0.1269 | 0.0583 |
| y | -0.0836 | -0.1014 | -0.0441 | -0.0225 | -0.2133 | 0.0561 | -0.2262 | 0.0955 | 0.1291 |
| z | 0.1421 | -0.2130 | -0.0608 | 0.0349 | -0.0888 | -0.0924 | -0.0536 | -0.0462 | -0.0036 |
| Sn x | -0.0139 | 0.2480 | -0.0664 | -0.0754 | 0.0319 | 0.0023 | -0.0815 | -0.2255 | -0.0804 |
| y | -0.0500 | 0.0486 | -0.0247 | -0.0319 | 0.0611 | -0.1122 | 0.0484 | 0.0908 | 0.0881 |
| z | 0.0258 | -0.1854 | 0.0525 | 0.0315 | 0.0749 | -0.1318 | 0.0454 | 0.1155 | 0.2185 |
| Ag x | -0.0106 | 0.0967 | -0.0177 | 0.1155 | 0.1112 | -0.0103 | 0.0457 | 0.0206 | 0.0650 |
| y | 0.0465 | -0.0977 | -0.0056 | -0.1157 | -0.0229 | 0.1393 | 0.2875 | 0.1939 | -0.2730 |
| z | -0.0235 | -0.0117 | -0.1838 | 0.1928 | 0.0364 | 0.0269 | 0.0806 | 0.0593 | -0.2103 |
| Ag x | 0.0540 | -0.1242 | 0.0001 | -0.0661 | -0.1983 | -0.0079 | -0.0285 | -0.0011 | 0.1582 |
| y | 0.0751 | 0.0496 | 0.1085 | -0.1041 | 0.0362 | -0.0070 | 0.0202 | -0.0795 | -0.0734 |
| z | 0.0178 | -0.0336 | 0.0389 | -0.0017 | -0.0474 | 0.0588 | -0.0104 | 0.0753 | -0.1506 |
| Sn x | -0.0354 | -0.1290 | -0.0241 | -0.0831 | 0.0159 | 0.1095 | 0.1262 | 0.0427 | -0.0759 |
| y | -0.0489 | 0.0068 | -0.1548 | 0.2226 | 0.0521 | -0.0639 | -0.1079 | -0.0405 | 0.0004 |
| z | -0.0916 | -0.0596 | -0.1855 | 0.1639 | 0.1736 | -0.0040 | -0.0083 | -0.0227 | 0.1257 |
| Ag x | 0.0462 | 0.0390 | -0.0906 | -0.0339 | -0.0782 | 0.0264 | 0.0194 | -0.0526 | -0.1102 |
| y | 0.0203 | -0.2166 | -0.0171 | 0.1122 | -0.2147 | 0.1299 | -0.0349 | 0.2147 | -0.1336 |
| z | 0.0429 | -0.0195 | -0.0954 | 0.0629 | 0.1279 | 0.0133 | -0.0007 | -0.0125 | 0.0219 |
| Sn x | -0.2166 | 0.0194 | -0.2244 | -0.0582 | -0.2394 | 0.1099 | 0.0665 | 0.0223 | 0.1041 |
| y | 0.4214 | 0.1418 | -0.1255 | -0.0054 | 0.0286 | 0.1477 | 0.0594 | 0.0508 | 0.0941 |
| z | 0.1912 | 0.1499 | 0.1509 | 0.0345 | 0.1507 | 0.1339 | -0.1889 | 0.2223 | -0.0084 |
| Ag x | 0.0816 | 0.0674 | 0.0173 | -0.0280 | 0.1351 | 0.0665 | 0.1276 | -0.0134 | -0.0984 |
| y | 0.0673 | 0.0968 | -0.1221 | -0.0336 | 0.0146 | 0.1502 | 0.1075 | -0.0123 | -0.0342 |
| z | -0.0569 | -0.0726 | 0.2260 | 0.1086 | 0.1197 | -0.1788 | 0.0687 | 0.0753 | -0.1659 |
| Sn x | 0.1676 | -0.0715 | -0.1086 | 0.0718 | -0.1977 | -0.2013 | -0.0116 | -0.0868 | -0.0508 |
| y | -0.1032 | 0.0697 | -0.0577 | 0.0311 | 0.0865 | 0.0225 | -0.0437 | -0.0183 | 0.1971 |
| z | 0.0724 | 0.0074 | -0.0976 | -0.0116 | -0.0597 | -0.1870 | -0.0963 | -0.0116 | -0.0760 |
| Sn x | -0.0003 | -0.0771 | 0.2335 | 0.1083 | 0.0241 | -0.1461 | 0.0374 | -0.0019 | 0.0902 |
| y | -0.0371 | 0.1641 | 0.1262 | 0.0020 | -0.0597 | 0.1064 | -0.1250 | -0.1643 | -0.2221 |
| z | 0.2132 | 0.0224 | 0.0195 | 0.0117 | -0.2365 | 0.0497 | 0.1112 | -0.1359 | 0.0119 |
| Ag x | 0.0738 | 0.1266 | 0.1034 | -0.0615 | 0.1895 | 0.0840 | 0.0684 | -0.0334 | 0.0075 |
| y | -0.1262 | -0.0848 | -0.0653 | -0.0069 | -0.0619 | -0.2072 | 0.2071 | -0.2961 | -0.0537 |
| z | 0.1620 | 0.0504 | 0.0120 | 0.0063 | 0.2408 | 0.0183 | 0.1019 | -0.1490 | 0.0764 |
| Sn x | -0.0804 | -0.1038 | 0.0038 | 0.0661 | 0.2235 | 0.1252 | 0.1031 | -0.1069 | 0.2341 |
| y | -0.0621 | 0.1248 | -0.1237 | 0.2264 | -0.0274 | -0.1854 | -0.0549 | 0.1541 | -0.0683 |
| z | -0.3427 | 0.0905 | 0.1390 | -0.0791 | 0.0650 | 0.2220 | -0.0414 | 0.1624 | 0.0223 |
| Sn x | 0.0318 | 0.1107 | 0.0413 | -0.1757 | -0.0489 | -0.0764 | -0.1077 | 0.0808 | -0.1467 |
| y | -0.1154 | -0.0394 | -0.1266 | -0.2596 | 0.1861 | -0.1127 | -0.0016 | 0.0354 | -0.0613 |
| z | 0.1752 | 0.0987 | -0.1215 | -0.0539 | -0.0701 | -0.2631 | -0.0507 | 0.0215 | -0.0464 |
| Ag x | 0.0724 | 0.0003 | 0.0788 | 0.0710 | -0.0551 | -0.0336 | 0.0224 | -0.0412 | 0.0070 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| y | 0.0292 | 0.0471 | -0.0888 | 0.0059 | 0.0225 | -0.0835 | -0.0870 | 0.1493 | 0.0092 |
| z | -0.0674 | -0.0183 | 0.0088 | 0.0889 | 0.0150 | -0.0264 | -0.0703 | 0.0774 | 0.0606 |
| Ag x | -0.0449 | 0.0053 | -0.0311 | -0.0211 | 0.0574 | 0.1177 | -0.1608 | 0.2218 | 0.0893 |
| y | -0.0183 | 0.1343 | 0.1252 | 0.0168 | -0.1342 | 0.0416 | -0.0858 | 0.1768 | -0.0024 |
| z | 0.1310 | -0.0065 | 0.1549 | -0.2061 | -0.0497 | -0.0032 | 0.1394 | -0.1369 | -0.0229 |

61: 111.2 62: 112.7 63: 117.4 64: 118.3 65: 118.4 66: 120.9 67: 121.6 68: 123.1 69: 124.9

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | -0.2402 | -0.0097 | 0.1523 | -0.3144 | 0.1525 | -0.2719 | -0.1158 | 0.1455 | 0.0783 |
| y | 0.1866 | -0.0783 | 0.1333 | -0.0867 | -0.0728 | -0.0365 | 0.1849 | -0.1833 | -0.0359 |
| z | -0.2647 | 0.0315 | -0.3251 | 0.1939 | -0.1039 | 0.0944 | 0.0476 | -0.1295 | -0.0517 |
| Sn x | -0.0728 | -0.2313 | -0.0847 | 0.0182 | 0.0098 | 0.0899 | 0.0985 | -0.0240 | 0.0325 |
| y | -0.0687 | -0.0103 | -0.0917 | -0.2083 | 0.0026 | 0.0603 | -0.0238 | -0.2248 | -0.1173 |
| z | 0.0221 | 0.0140 | 0.0644 | 0.0096 | -0.0106 | -0.0007 | 0.0144 | 0.0834 | 0.0041 |
| Sn x | 0.1437 | -0.1766 | -0.0874 | -0.1075 | 0.0498 | 0.0251 | 0.0679 | 0.1158 | 0.0306 |
| y | 0.0343 | -0.1285 | 0.1365 | -0.0117 | -0.0368 | 0.2030 | 0.0146 | 0.0731 | 0.1253 |
| z | -0.1122 | 0.0411 | 0.0642 | 0.0586 | 0.0371 | 0.0301 | 0.1145 | -0.0118 | 0.1986 |
| Ag x | -0.1326 | -0.1522 | -0.2067 | -0.0293 | -0.2814 | -0.0210 | 0.0055 | -0.1108 | 0.0622 |
| y | -0.2166 | 0.0257 | -0.0278 | -0.0865 | 0.0585 | -0.0451 | -0.2314 | 0.2451 | 0.0892 |
| z | 0.0182 | -0.1571 | -0.1115 | -0.0065 | 0.0642 | -0.1348 | 0.0270 | 0.1189 | -0.0406 |
| Ag x | -0.0189 | -0.0159 | -0.0793 | -0.0964 | -0.0440 | 0.0875 | -0.1203 | -0.0449 | 0.0767 |
| y | 0.1817 | 0.0502 | 0.0421 | 0.1036 | -0.2311 | 0.0308 | -0.0404 | 0.2140 | 0.1090 |
| z | 0.0312 | 0.1127 | 0.0072 | -0.1036 | -0.1830 | 0.1156 | -0.2539 | 0.0968 | 0.2004 |
| Ag x | 0.0686 | 0.0580 | 0.1515 | 0.1460 | 0.1383 | -0.1208 | 0.2000 | 0.1244 | -0.1932 |
| y | 0.0398 | 0.0141 | -0.0395 | 0.0662 | 0.0171 | 0.0794 | -0.0918 | 0.0166 | 0.1279 |
| z | -0.2037 | 0.0778 | 0.0161 | 0.1269 | -0.1870 | -0.2285 | 0.1800 | 0.1442 | -0.1766 |
| Ag x | 0.0956 | 0.0413 | 0.0044 | 0.0163 | -0.0736 | -0.0269 | 0.0259 | -0.0265 | 0.0920 |
| y | -0.1307 | 0.0373 | -0.0743 | -0.1878 | -0.0140 | -0.0179 | -0.0537 | -0.0918 | -0.0614 |
| z | 0.0301 | -0.0967 | -0.0333 | -0.0488 | 0.1265 | -0.0046 | -0.0593 | -0.1805 | 0.1665 |
| Ag x | 0.0785 | -0.0019 | -0.0285 | -0.0637 | 0.0385 | -0.0318 | 0.0231 | 0.0165 | -0.0128 |
| y | -0.2664 | 0.1854 | -0.0112 | 0.1326 | 0.0755 | 0.0303 | -0.1089 | -0.0770 | 0.0663 |
| z | 0.3176 | -0.0305 | 0.2631 | -0.0168 | -0.0302 | 0.0646 | 0.0866 | -0.0432 | -0.0172 |
| Ag x | -0.0021 | -0.0775 | -0.0169 | 0.0207 | 0.0050 | -0.0772 | -0.1059 | 0.0435 | 0.0547 |
| y | -0.0575 | -0.1201 | -0.0196 | -0.0791 | -0.0657 | -0.0577 | -0.1198 | 0.0339 | 0.0520 |
| z | 0.0166 | 0.0471 | -0.0123 | 0.1738 | 0.0645 | -0.0133 | 0.0001 | 0.0018 | 0.0327 |
| Sn x | 0.0648 | 0.1671 | 0.1127 | 0.0298 | 0.1781 | 0.1094 | -0.1115 | 0.0369 | -0.0138 |
| y | 0.0572 | -0.0393 | -0.0274 | 0.1855 | 0.0236 | 0.0300 | -0.1650 | 0.1579 | 0.0854 |
| z | 0.0506 | -0.0258 | -0.0602 | -0.0678 | -0.1332 | -0.0222 | 0.0308 | 0.1234 | 0.0529 |
| Sn x | -0.0003 | 0.0073 | -0.2739 | 0.3193 | -0.1326 | 0.1562 | 0.1090 | -0.1409 | -0.0632 |
| y | -0.0038 | -0.1152 | 0.0288 | 0.0674 | 0.2403 | -0.0050 | 0.2237 | -0.1333 | -0.2379 |
| z | -0.0131 | -0.0662 | 0.0331 | 0.0135 | 0.0882 | -0.1812 | 0.1112 | -0.0773 | -0.0219 |
| Sn x | 0.1403 | 0.3222 | -0.1856 | -0.0188 | 0.1081 | -0.1081 | 0.0476 | 0.0148 | 0.0951 |
| y | -0.0196 | 0.1312 | 0.0310 | 0.1609 | 0.0791 | 0.0499 | 0.0535 | -0.0124 | 0.0069 |
| z | -0.0223 | 0.0677 | 0.1330 | -0.1028 | -0.1507 | -0.0689 | 0.0547 | -0.1844 | 0.1064 |
| Sn x | 0.0226 | -0.0159 | 0.1588 | 0.0046 | 0.0258 | -0.0318 | 0.0662 | -0.0261 | -0.0745 |
| y | 0.1284 | 0.0423 | -0.0344 | 0.0811 | -0.0849 | 0.2370 | -0.0270 | -0.0332 | 0.0704 |
| z | 0.0096 | -0.0516 | 0.0770 | -0.1400 | 0.1705 | 0.0646 | -0.0122 | 0.0385 | -0.0568 |
| Ag x | 0.0286 | -0.0011 | 0.0492 | 0.0713 | -0.0060 | -0.0757 | -0.0612 | 0.1415 | 0.0625 |
| y | 0.0908 | 0.2870 | 0.2283 | 0.0618 | 0.0945 | -0.0687 | -0.0422 | 0.0607 | 0.0098 |
| z | 0.0273 | 0.1409 | 0.1194 | -0.0341 | 0.1131 | 0.0809 | 0.0311 | -0.1401 | -0.0549 |
| Ag x | -0.2721 | -0.0402 | 0.2917 | 0.1190 | -0.1516 | 0.1357 | -0.0229 | -0.1116 | -0.0090 |
| y | -0.1776 | -0.1477 | 0.2160 | 0.0543 | -0.0177 | 0.0866 | -0.0636 | 0.0536 | -0.0226 |
| z | -0.0157 | -0.2052 | 0.0619 | -0.0109 | 0.0090 | -0.0330 | -0.0314 | 0.0454 | -0.0005 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | -0.0110 | 0.0616 | 0.0572 | -0.0273 | 0.1311 | 0.0531 | -0.0646 | -0.0642 | -0.0465 |
| y | -0.0888 | -0.0861 | -0.0712 | -0.1408 | 0.1544 | 0.2151 | -0.0719 | -0.0774 | -0.1286 |
| z | 0.0527 | -0.1431 | 0.0362 | 0.1948 | -0.0858 | -0.1692 | 0.0631 | 0.0043 | 0.1868 |
| Ag x | 0.0846 | -0.0653 | -0.0265 | 0.0960 | 0.1250 | -0.1500 | -0.1719 | -0.0986 | 0.1086 |
| y | 0.2124 | -0.1427 | -0.3112 | -0.1730 | 0.0339 | -0.2422 | 0.0690 | 0.0763 | -0.0801 |
| z | -0.0739 | 0.0905 | 0.0890 | -0.0544 | -0.0828 | 0.1420 | 0.0916 | 0.0623 | -0.0526 |
| Sn x | -0.0317 | 0.0010 | -0.0270 | 0.0164 | -0.0014 | 0.0711 | 0.1037 | 0.0709 | -0.1264 |
| y | 0.0276 | 0.0630 | -0.0027 | -0.1514 | -0.1175 | -0.0296 | 0.1687 | -0.1256 | 0.0114 |
| z | -0.0244 | -0.1009 | -0.0381 | 0.1994 | 0.1723 | 0.1184 | -0.0612 | 0.1081 | -0.0849 |
| Ag x | -0.0168 | -0.1995 | 0.0950 | -0.1133 | -0.1159 | 0.0886 | 0.0194 | 0.0459 | -0.0781 |
| y | 0.1047 | -0.1888 | 0.0202 | -0.0759 | -0.0886 | 0.0192 | 0.0301 | 0.0087 | -0.0568 |
| z | -0.0311 | -0.0593 | -0.0697 | -0.0382 | 0.0089 | -0.0700 | -0.1067 | -0.0718 | 0.0255 |
| Sn x | -0.0241 | 0.0006 | 0.0737 | 0.0989 | -0.0788 | -0.0900 | -0.1878 | -0.0521 | -0.1495 |
| y | 0.1926 | 0.2704 | -0.1421 | 0.0500 | 0.0002 | -0.0684 | -0.0469 | -0.0788 | -0.0803 |
| z | -0.1041 | 0.1550 | -0.0885 | -0.1498 | 0.0589 | 0.1044 | 0.3395 | 0.1297 | 0.2492 |
| Sn x | -0.0172 | 0.1017 | -0.0411 | 0.0083 | 0.0319 | 0.1705 | 0.0138 | -0.0958 | 0.0905 |
| y | -0.2759 | 0.0848 | 0.0008 | 0.0526 | 0.0631 | -0.3557 | 0.0861 | -0.0593 | -0.0434 |
| z | 0.1246 | -0.1419 | -0.0316 | 0.0289 | 0.1950 | 0.0217 | -0.1442 | -0.1606 | 0.2066 |
| Ag x | 0.0993 | 0.0153 | -0.1133 | 0.0103 | 0.1672 | 0.0784 | 0.0540 | 0.0552 | -0.0456 |
| y | -0.0374 | -0.0099 | -0.1136 | 0.0349 | 0.0685 | 0.0277 | -0.0455 | 0.2070 | -0.0411 |
| z | 0.0736 | 0.1675 | -0.1358 | -0.1132 | -0.0784 | -0.1218 | -0.0509 | -0.0102 | 0.0472 |
| Sn x | 0.0874 | 0.0026 | -0.0020 | 0.0905 | -0.1167 | -0.1732 | -0.0853 | -0.0390 | 0.0085 |
| y | 0.0259 | -0.1602 | 0.0665 | 0.2435 | -0.0382 | -0.0811 | 0.1374 | 0.1578 | 0.1148 |
| z | 0.0054 | -0.0835 | 0.0216 | -0.0124 | 0.1330 | 0.0902 | -0.1102 | -0.1230 | -0.1842 |
| Sn x | -0.0797 | 0.0696 | -0.0555 | -0.1842 | 0.0824 | 0.1536 | 0.2238 | 0.0846 | 0.1127 |
| y | -0.0524 | -0.0666 | -0.0197 | 0.0624 | 0.1307 | -0.0436 | 0.0899 | -0.0533 | 0.1154 |
| z | 0.0965 | 0.0204 | -0.0306 | 0.0559 | -0.0560 | -0.0735 | -0.3318 | -0.0982 | -0.3465 |
| Ag x | -0.0054 | 0.0578 | -0.0393 | -0.0756 | -0.0895 | 0.0855 | 0.0149 | 0.1991 | -0.1765 |
| y | 0.0642 | 0.0358 | -0.0055 | -0.0731 | -0.1617 | 0.0000 | -0.0158 | 0.0640 | -0.0969 |
| z | 0.0085 | 0.0869 | 0.0256 | -0.1153 | -0.2353 | 0.1027 | -0.0032 | 0.1924 | -0.2964 |
| Ag x | 0.0117 | 0.0664 | 0.1311 | -0.0322 | -0.1736 | -0.1339 | -0.0341 | -0.2614 | 0.0853 |
| y | 0.0419 | 0.0710 | 0.0879 | -0.0974 | -0.1301 | -0.0265 | 0.0591 | -0.1895 | 0.0241 |
| z | -0.0106 | 0.1221 | -0.0680 | -0.0547 | 0.0801 | 0.0918 | -0.0326 | 0.0960 | -0.1048 |

70: 127.8 71: 128.2 72: 130.1 73: 131.5 74: 132.1 75: 134.8 76: 136.5 77: 137.3 78: 139.6

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sn x | 0.0826 | -0.0962 | -0.0196 | -0.1395 | -0.0157 | 0.0883 | 0.0828 | -0.0906 | 0.0631 |
| y | 0.2520 | -0.2036 | -0.0355 | -0.0312 | 0.0907 | 0.1300 | -0.0120 | -0.0420 | 0.0119 |
| z | -0.0311 | 0.0679 | -0.0501 | 0.0613 | 0.0471 | -0.0758 | -0.0989 | 0.0706 | 0.0171 |
| Sn x | -0.0573 | -0.0220 | -0.0533 | -0.2248 | -0.0258 | -0.0266 | -0.0308 | 0.0312 | 0.0168 |
| y | -0.0770 | 0.0160 | -0.1112 | -0.2416 | -0.0691 | 0.0682 | -0.0780 | 0.0153 | 0.0098 |
| z | -0.0118 | -0.0272 | 0.0181 | 0.1011 | 0.0520 | -0.0222 | 0.0598 | 0.0013 | 0.0045 |
| Sn x | -0.0652 | 0.0526 | -0.0888 | 0.0164 | 0.0944 | 0.0542 | -0.0358 | -0.0503 | 0.0199 |
| y | 0.0945 | 0.2117 | -0.1666 | -0.0549 | 0.1750 | -0.0148 | 0.0354 | -0.0406 | -0.1219 |
| z | -0.0200 | 0.0636 | 0.0802 | -0.0311 | 0.0186 | 0.1217 | 0.0922 | 0.2386 | 0.0073 |
| Ag x | 0.2819 | -0.2153 | -0.0439 | 0.0153 | 0.1531 | 0.0911 | -0.0005 | 0.0010 | 0.0115 |
| y | -0.0271 | -0.0894 | 0.0386 | -0.0877 | -0.0155 | -0.0261 | 0.0840 | -0.0178 | 0.0446 |
| z | -0.1081 | 0.1359 | -0.0437 | -0.0267 | -0.1289 | -0.0415 | 0.0167 | 0.0021 | 0.0150 |
| Ag x | 0.0058 | -0.0485 | 0.0527 | 0.0006 | 0.0744 | -0.0286 | -0.0602 | 0.0038 | -0.0095 |
| y | -0.0143 | -0.1185 | -0.2868 | -0.1501 | -0.2983 | 0.0146 | -0.0799 | 0.1743 | 0.0084 |
| z | 0.0425 | -0.1658 | -0.0533 | -0.0054 | -0.0237 | -0.0309 | -0.0992 | 0.0970 | -0.0164 |
| Ag x | -0.1009 | 0.1474 | -0.0912 | -0.0143 | -0.1506 | -0.0439 | 0.0027 | 0.0066 | -0.0091 |
| y | -0.0056 | -0.0737 | -0.0537 | 0.0160 | -0.1269 | -0.0715 | -0.0172 | -0.1680 | 0.0062 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| z | 0.1028 | -0.0020 | -0.1454 | -0.0294 | -0.0830 | 0.0405 | 0.0594 | 0.0285 | 0.0118 |
| Ag x | -0.1243 | -0.0288 | 0.0425 | -0.2497 | 0.0134 | 0.0235 | -0.0541 | 0.0868 | 0.0022 |
| y | -0.0522 | 0.0470 | 0.3146 | -0.0555 | 0.3972 | -0.1568 | -0.1055 | -0.1912 | -0.0634 |
| z | -0.0422 | 0.0003 | 0.1442 | 0.0726 | 0.0734 | 0.1411 | 0.0635 | 0.1764 | 0.0254 |
| Ag x | -0.0404 | -0.0815 | 0.0033 | 0.0067 | 0.0019 | 0.0219 | 0.0127 | -0.0034 | -0.0557 |
| y | -0.0633 | 0.0030 | -0.1505 | -0.0417 | 0.0863 | -0.0079 | 0.0924 | -0.0027 | -0.1797 |
| z | 0.0862 | -0.0896 | 0.0118 | -0.0147 | 0.0175 | 0.0530 | 0.0372 | -0.0159 | -0.0530 |
| Ag x | 0.1183 | 0.3093 | 0.0554 | -0.0197 | -0.0480 | -0.0967 | -0.1453 | 0.0275 | 0.3556 |
| y | -0.0844 | 0.2472 | 0.0644 | 0.0179 | -0.1180 | -0.1710 | 0.0136 | 0.0451 | 0.0922 |
| z | 0.3836 | 0.0100 | -0.0142 | -0.0566 | 0.1343 | 0.1191 | -0.2141 | -0.0277 | 0.3067 |
| Sn x | -0.1675 | 0.1436 | 0.0671 | -0.1415 | -0.1026 | -0.0520 | -0.0195 | 0.0113 | -0.0144 |
| y | 0.0963 | 0.1425 | 0.0761 | 0.1141 | -0.0181 | -0.0196 | -0.0164 | 0.0011 | 0.0528 |
| z | -0.2567 | -0.0445 | 0.0135 | 0.2503 | -0.0483 | -0.0761 | 0.1877 | -0.0184 | -0.1706 |
| Sn x | -0.0950 | 0.1354 | 0.0218 | 0.0574 | -0.0006 | -0.0093 | 0.0595 | -0.0446 | 0.0190 |
| y | -0.0470 | 0.1340 | 0.0420 | 0.1221 | 0.0905 | -0.0830 | -0.1259 | 0.1098 | -0.0732 |
| z | 0.0076 | 0.1134 | 0.0894 | -0.1496 | -0.0362 | 0.2304 | 0.4227 | -0.3718 | 0.1346 |
| Sn x | -0.1237 | -0.0206 | -0.2501 | 0.0785 | 0.1833 | 0.0851 | -0.0490 | -0.0410 | 0.1528 |
| y | 0.0380 | -0.1051 | -0.0672 | -0.0076 | 0.0886 | 0.0387 | 0.0100 | -0.0234 | 0.0132 |
| z | -0.0644 | 0.0796 | -0.1270 | 0.0402 | 0.0451 | -0.3061 | 0.1344 | 0.0801 | 0.2440 |
| Sn x | 0.0634 | -0.0371 | -0.0363 | 0.0593 | 0.0362 | -0.0587 | -0.1228 | 0.1291 | -0.0570 |
| y | -0.0878 | 0.0525 | 0.0748 | -0.0557 | -0.0208 | 0.1092 | 0.2035 | -0.2172 | 0.1138 |
| z | -0.0213 | -0.0381 | 0.0027 | 0.1038 | 0.0814 | -0.1557 | -0.3034 | 0.2469 | -0.1051 |
| Ag x | 0.1470 | -0.0011 | 0.0936 | 0.5392 | 0.0902 | -0.0115 | 0.1403 | -0.0438 | -0.0296 |
| y | 0.0084 | 0.0125 | 0.1630 | 0.0941 | 0.1298 | -0.0429 | -0.0148 | -0.0490 | -0.0232 |
| z | -0.0685 | 0.0326 | -0.0058 | -0.2480 | -0.0133 | 0.0127 | -0.0865 | 0.0170 | 0.0160 |
| Ag x | 0.1582 | 0.0173 | 0.1975 | -0.0620 | -0.1396 | -0.1200 | 0.0897 | 0.0614 | -0.0757 |
| y | -0.2844 | -0.0411 | -0.2155 | 0.0950 | 0.1850 | 0.1783 | -0.1138 | -0.0898 | 0.1569 |
| z | -0.1811 | -0.0058 | -0.1629 | 0.0659 | 0.1256 | 0.1122 | -0.0885 | -0.0622 | 0.0784 |
| Sn x | 0.0771 | -0.0143 | -0.0893 | 0.1275 | -0.1205 | 0.0587 | 0.0510 | 0.0150 | 0.0328 |
| y | 0.1786 | 0.0377 | -0.2375 | 0.2452 | -0.2516 | 0.1193 | 0.1485 | 0.0712 | 0.0675 |
| z | -0.0955 | -0.0639 | 0.0555 | -0.0689 | 0.0346 | -0.0629 | -0.0760 | -0.0149 | -0.0385 |
| Ag x | 0.1733 | 0.1473 | -0.2501 | -0.1069 | 0.1475 | -0.0847 | 0.1372 | 0.0353 | -0.3112 |
| y | -0.0143 | -0.0449 | 0.0840 | 0.0368 | -0.0935 | -0.0183 | -0.0790 | 0.0340 | 0.0826 |
| z | -0.1127 | -0.1247 | 0.1544 | 0.0685 | -0.0682 | 0.0567 | -0.0748 | -0.0253 | 0.1876 |
| Sn x | -0.0836 | -0.2234 | 0.0459 | 0.0374 | -0.0050 | 0.1884 | 0.0033 | -0.0403 | -0.2973 |
| y | -0.1374 | -0.1583 | -0.1048 | 0.0568 | 0.0517 | -0.1143 | 0.1324 | 0.0208 | -0.0397 |
| z | 0.1048 | -0.0688 | 0.1116 | -0.1223 | -0.0349 | 0.1894 | -0.1136 | -0.0429 | -0.1654 |
| Ag x | -0.0627 | -0.0172 | 0.1667 | 0.0232 | -0.1221 | -0.0045 | -0.0056 | 0.0055 | 0.0021 |
| y | 0.1536 | 0.0387 | 0.2109 | -0.0410 | -0.1458 | -0.0575 | 0.0033 | 0.0339 | -0.0236 |
| z | -0.0341 | 0.0509 | 0.0012 | -0.0556 | -0.0768 | -0.1107 | 0.1726 | 0.0432 | -0.3105 |
| Sn x | -0.0391 | -0.0055 | 0.0284 | 0.0399 | -0.0420 | 0.0755 | -0.0337 | 0.0244 | -0.0081 |
| y | 0.1487 | -0.0675 | 0.1547 | -0.0640 | -0.1018 | -0.1528 | 0.1007 | 0.0747 | -0.0258 |
| z | 0.1695 | 0.1211 | 0.0643 | -0.0012 | -0.0985 | -0.0200 | -0.0257 | -0.0077 | -0.0951 |
| Sn x | -0.1732 | -0.1732 | 0.2167 | 0.0765 | -0.1589 | 0.0602 | -0.0488 | -0.0433 | 0.1588 |
| y | -0.0009 | -0.1594 | 0.0398 | 0.0466 | -0.1179 | 0.0148 | -0.0705 | 0.1517 | 0.0253 |
| z | -0.0069 | -0.0400 | -0.0058 | 0.0337 | -0.0203 | -0.0281 | -0.0232 | -0.0478 | -0.0538 |
| Ag x | 0.0317 | -0.1804 | -0.0249 | -0.0956 | 0.0990 | -0.2496 | 0.1968 | 0.0959 | 0.1498 |
| y | 0.0037 | 0.0247 | 0.0938 | -0.0306 | -0.0136 | 0.1987 | -0.0906 | -0.0240 | -0.1157 |
| z | 0.0047 | 0.1679 | 0.0580 | 0.0299 | -0.0852 | 0.2381 | -0.1882 | -0.0813 | -0.1547 |
| Sn x | -0.0908 | -0.0368 | 0.0663 | -0.0901 | 0.0669 | 0.0054 | -0.0578 | -0.0196 | -0.0251 |
| y | -0.0559 | -0.1234 | 0.0734 | -0.0595 | 0.1222 | -0.1458 | 0.0328 | 0.0191 | 0.0314 |
| z | 0.0259 | -0.1488 | -0.0944 | 0.0200 | -0.0063 | -0.1033 | 0.1485 | 0.0454 | 0.1272 |
| Sn x | 0.0751 | 0.0636 | -0.0640 | 0.0307 | -0.0422 | -0.0403 | -0.0187 | -0.0624 | -0.0192 |
| y | 0.0199 | -0.1520 | -0.0338 | 0.0181 | -0.1586 | -0.1928 | -0.1547 | -0.2843 | -0.0300 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| z | -0.0294 | -0.1012 | -0.0047 | 0.0306 | -0.0467 | -0.0172 | -0.0078 | -0.0627 | 0.0452 |
| Ag x | 0.0337 | 0.0571 | 0.0079 | -0.0804 | 0.1429 | -0.0181 | 0.0753 | 0.0421 | 0.0083 |
| y | -0.0421 | 0.1818 | 0.0928 | -0.0567 | 0.2124 | 0.2898 | 0.2079 | 0.4383 | 0.0461 |
| z | 0.1144 | 0.1115 | -0.1282 | -0.0540 | 0.1037 | -0.2223 | -0.0912 | -0.3133 | -0.0811 |
| Ag x | 0.0047 | 0.1396 | -0.0466 | 0.1196 | -0.1231 | 0.0714 | -0.1579 | -0.1287 | -0.0827 |
| y | -0.0207 | 0.2061 | -0.0455 | 0.1106 | -0.0741 | 0.1254 | -0.1163 | -0.0322 | -0.0680 |
| z | 0.0527 | -0.0302 | 0.0231 | -0.0274 | 0.0375 | -0.0263 | 0.0770 | 0.0388 | 0.0258 |