

| # | t0 | x0 | v0 | w0 | t1 | x1 | v1 | w1 | p | r min | r max |
|----|-------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|---|----------|----------|
| 1 | 0.208102729 | 1.525064092 | 1.566045976 | -0.256718059 | 1.208102729 | -0.040981884 | -1.566045976 | -9.553281941 | 2 | 3.45E-11 | 2.90E-05 |
| 2 | 0.208102729 | -0.040981884 | -1.566045976 | -9.553281941 | 1.208102729 | 1.525064092 | 1.566045976 | -0.256718059 | 2 | 9.86E-10 | 2.90E-05 |
| 3 | 0.204859696 | 0.064925711 | 1.41887246 | -9.628687212 | 0.780268337 | -1.956387735 | -3.512831231 | 3.716348716 | 2 | 1.35E-10 | 4.40E-05 |
| 4 | 0.208102729 | 0.040981884 | 1.566045976 | -9.553281941 | 1.208102729 | -1.525064092 | -1.566045976 | -0.256718059 | 2 | 7.63E-11 | 2.90E-05 |
| 5 | 0.208102729 | -1.525064092 | -1.566045976 | -0.256718059 | 1.208102729 | 0.040981884 | 1.566045976 | -9.553281941 | 2 | 6.60E-11 | 2.90E-05 |
| 6 | 0.780268337 | 1.956387735 | 3.512831231 | 3.716348716 | 2.204859696 | -0.064925711 | -1.41887246 | -9.628687212 | 2 | 7.96E-11 | 4.40E-05 |
| 7 | 0.780268337 | -1.956387735 | -3.512831231 | 3.716348716 | 2.204859696 | 0.064925711 | 1.41887246 | -9.628687212 | 2 | 3.68E-10 | 4.40E-05 |
| 8 | 0.204859696 | -0.064925711 | -1.41887246 | -9.628687212 | 0.780268337 | 1.956387735 | 3.512831231 | 3.716348716 | 2 | 6.12E-11 | 4.40E-05 |
| 9 | 0.229233609 | 7.52E-18 | 2.22E-16 | -4.905 | 1.229233609 | -5.92E-17 | -8.19E-17 | -4.905 | 2 | 8.87E-10 | 1.20E-04 |
| 10 | 0.18600522 | 0.03119897 | 2.006325016 | -14.52652188 | 1.844041007 | -2.661217401 | -1.623859021 | -1.702879585 | 3 | 9.94E-11 | 1.12E-05 |
| 11 | 0.301251967 | -1.066107922 | -0.437659622 | -9.781176201 | 0.814651971 | 0.022176492 | 2.119759267 | -14.21792104 | 3 | 9.60E-11 | 5.75E-06 |
| 12 | 0.204060559 | 1.866187578 | 1.357667103 | 0.891597079 | 1.81348708 | -0.021748288 | -1.17304881 | -14.55785492 | 3 | 2.22E-09 | 1.46E-05 |
| 13 | 0.186180892 | -2.18613418 | -1.10736173 | -5.031634694 | 1.186180892 | 0.028589279 | 2.214723459 | -14.46173061 | 3 | 1.39E-11 | 8.61E-06 |
| 14 | 0.81348708 | -0.021748288 | -1.17304881 | -14.55785492 | 2.204060559 | 1.866187578 | 1.357667103 | 0.891597079 | 3 | 4.85E-11 | 1.46E-05 |
| 15 | 0.18600522 | -0.03119897 | -2.006325016 | -14.52652188 | 1.844041007 | 2.661217401 | 1.623859021 | -1.702879585 | 3 | 7.39E-12 | 1.12E-05 |
| 16 | 0.186180892 | 2.18613418 | 1.10736173 | -5.031634694 | 1.186180892 | -0.028589279 | -2.214723459 | -14.46173061 | 3 | 9.78E-11 | 8.61E-06 |
| 17 | 0.204060559 | -1.866187578 | -1.357667103 | 0.891597079 | 1.81348708 | 0.021748288 | 1.17304881 | -14.55785492 | 3 | 2.88E-10 | 1.46E-05 |
| 18 | 0.186180892 | 0.028589279 | 2.214723459 | -14.46173061 | 2.186180892 | -2.18613418 | -1.10736173 | -5.031634694 | 3 | 2.99E-11 | 8.61E-06 |
| 19 | 0.090197252 | 0.532589205 | 1.94888533 | 11.02403448 | 2.807205495 | -0.018929278 | -0.202987416 | -14.61971671 | 3 | 1.42E-10 | 2.58E-05 |
| 20 | 0.81348708 | 0.021748288 | 1.17304881 | -14.55785492 | 2.204060559 | -1.866187578 | -1.357667103 | 0.891597079 | 3 | 1.29E-10 | 1.46E-05 |
| 21 | 0.186180892 | -0.028589279 | -2.214723459 | -14.46173061 | 2.186180892 | 2.18613418 | 1.10736173 | -5.031634694 | 3 | 1.43E-11 | 8.61E-06 |
| 22 | 0.186180892 | 2.18613418 | 2.214723459 | 4.651730613 | 2.186180892 | -0.028589279 | -1.10736173 | -14.58836531 | 3 | 8.18E-09 | 2.62E-05 |
| 23 | 0.844041007 | -2.661217401 | -1.623859021 | -1.702879585 | 2.18600522 | 0.03119897 | 2.006325016 | -14.52652188 | 3 | 6.01E-11 | 1.12E-05 |
| 24 | 0.844041007 | 2.661217401 | 1.623859021 | -1.702879585 | 2.18600522 | -0.03119897 | -2.006325016 | -14.52652188 | 3 | 2.44E-11 | 1.12E-05 |
| 25 | 0.807205495 | -0.018929278 | -0.202987416 | -14.61971671 | 1.090197252 | 0.532589205 | 1.94888533 | 11.02403448 | 3 | 1.15E-10 | 2.58E-05 |
| 26 | 0.807205495 | 0.018929278 | 0.202987416 | -14.61971671 | 1.090197252 | -0.532589205 | -1.94888533 | 11.02403448 | 3 | 7.64E-11 | 2.58E-05 |
| 27 | 0.186180892 | -2.18613418 | -2.214723459 | 4.651730613 | 2.186180892 | 0.028589279 | 1.10736173 | -14.58836531 | 3 | 2.58E-09 | 2.62E-05 |
| 28 | 0.186180892 | 0.028589279 | 1.10736173 | -14.58836531 | 1.186180892 | -2.18613418 | -2.214723459 | 4.651730613 | 3 | 1.35E-09 | 2.62E-05 |
| 29 | 0.090197252 | -0.532589205 | -1.94888533 | 11.02403448 | 2.807205495 | 0.018929278 | 0.202987416 | -14.61971671 | 3 | 2.07E-10 | 2.58E-05 |
| 30 | 0.186180892 | -0.028589279 | -1.10736173 | -14.58836531 | 1.186180892 | 2.18613418 | 2.214723459 | 4.651730613 | 3 | 2.95E-09 | 2.62E-05 |
| 31 | 0.184291399 | -0.042199543 | -0.977494523 | -14.60887462 | 0.785416011 | 2.302688011 | 3.900834383 | 8.394458775 | 3 | 3.79E-11 | 4.38E-05 |
| 32 | 0.785416011 | 2.302688011 | 3.900834383 | 8.394458775 | 3.184291399 | -0.042199543 | -0.977494523 | -14.60887462 | 3 | 6.27E-11 | 4.38E-05 |
| 33 | 0.814651971 | -0.022176492 | -2.119759267 | -14.21792104 | 3.301251967 | 1.066107922 | 0.437659622 | -9.781176201 | 3 | 9.30E-11 | 5.75E-06 |
| 34 | 0.797792024 | -0.052489289 | -0.175245141 | -14.61905342 | 0.892656197 | 0.456621647 | 5.366735642 | 10.84609884 | 3 | 9.25E-11 | 1.19E-05 |
| 35 | 0.301251967 | 1.066107922 | 0.437659622 | -9.781176201 | 0.814651971 | -0.022176492 | -2.119759267 | -14.21792104 | 3 | 5.67E-10 | 5.75E-06 |
| 36 | 0.340291221 | 6.66E-31 | 1.73E-31 | -10.94627355 | 0.828894559 | -1.05E-31 | -9.07E-30 | -9.449263788 | 3 | 6.59E-11 | 9.85E-06 |
| 37 | 0.814651971 | 0.022176492 | 2.119759267 | -14.21792104 | 3.301251967 | -1.066107922 | -0.437659622 | -9.781176201 | 3 | 5.84E-11 | 5.75E-06 |
| 38 | 0.184291399 | 0.042199543 | 0.977494523 | -14.60887462 | 0.785416011 | -2.302688011 | -3.900834383 | 8.394458775 | 3 | 1.20E-10 | 4.38E-05 |
| 39 | 0.910850991 | 4.68E-30 | 2.32E-28 | 4.802783319 | 3.744279812 | -4.59E-30 | -1.18E-30 | -14.22834519 | 3 | 3.43E-10 | 1.39E-05 |
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| 41 | 0.082025898 | -1.81E-22 | -5.51E-22 | 8.451475306 | 2.785637043 | 5.96E-24 | 1.09E-22 | -14.34709717 | 3 | 2.10E-10 | 3.94E-05 |
| 42 | 0.785637043 | 1.53E-22 | 2.91E-21 | -14.34709717 | 1.082025898 | -4.85E-21 | -1.43E-20 | 8.451475306 | 3 | 2.79E-10 | 3.94E-05 |
| 43 | 0.828894559 | 3.76E-18 | 1.00E-16 | -9.449263788 | 3.340291221 | 4.00E-17 | 1.65E-17 | -10.94627355 | 3 | 1.71E-10 | 9.85E-06 |
| 44 | 0.255938782 | 1.15E-19 | -9.86E-19 | -10.08858529 | 1.181201986 | 5.32E-19 | 3.37E-17 | -4.735737308 | 3 | 1.62E-10 | 2.97E-05 |
| 45 | 0.892656197 | 0.456621647 | 5.366735642 | 10.84609884 | 3.797792024 | -0.052489289 | -0.175245141 | -14.61905342 | 3 | 7.46E-10 | 1.19E-05 |
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|----|-------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|---|----------|----------|
| 47 | 0.797792024 | 0.052489289 | 0.175245141 | -14.61905342 | 0.892656197 | -0.456621647 | -5.366735642 | 10.84609884 | 3 | 1.82E-10 | 1.19E-05 |
| 48 | 0.181201986 | -7.60E-25 | -1.96E-23 | -4.735737308 | 2.255938782 | 8.74E-24 | 5.16E-24 | -10.08858529 | 3 | 7.77E-11 | 2.97E-05 |
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| 50 | 0.837057908 | 0.018365386 | 1.684190803 | -19.46723534 | 3.189649186 | -2.756185233 | -1.179359392 | -3.565894325 | 4 | 3.43E-11 | 4.87E-06 |
| 51 | 0.162884593 | -3.11200846 | -1.566045976 | -0.125806693 | 2.162884593 | 0.020083493 | 1.566045976 | -19.49419331 | 4 | 6.10E-10 | 7.40E-06 |
| 52 | 0.837115407 | 0.020083493 | 1.566045976 | -19.49419331 | 2.837115407 | -3.11200846 | -1.566045976 | -0.125806693 | 4 | 6.07E-11 | 6.78E-06 |
| 53 | 0.162884593 | 0.020083493 | 1.566045976 | -19.49419331 | 2.162884593 | -3.11200846 | -1.566045976 | -0.125806693 | 4 | 4.44E-10 | 7.40E-06 |
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| 55 | 0.162884593 | 2.689230348 | 0.904157066 | -9.894053516 | 1.162884593 | -0.02324085 | -2.712471198 | -19.36783945 | 4 | 1.07E-10 | 3.50E-06 |
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| 58 | 0.837699287 | 0.02250258 | 2.989806004 | -19.17444345 | 4.269076843 | 1.677568215 | -0.49544848 | -14.11564816 | 4 | 1.77E-11 | 2.42E-06 |
| 59 | 0.162884593 | 0.02324085 | 2.712471198 | -19.36783945 | 3.162884593 | -2.689230348 | -0.904157066 | -9.894053516 | 4 | 1.47E-11 | 3.50E-06 |
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| 62 | 0.162668608 | 2.61950038 | 1.990145959 | 6.423627073 | 2.836834022 | -0.019103963 | -0.986701993 | -19.52583109 | 4 | 7.78E-11 | 1.22E-05 |
| 63 | 0.804487723 | 2.637999079 | 4.15338803 | 12.92025856 | 4.161661031 | -0.031909611 | -0.795284737 | -19.54463182 | 4 | 1.61E-10 | 3.90E-05 |
| 64 | 0.162884593 | -0.02324085 | -2.712471198 | -19.36783945 | 3.162884593 | 2.689230348 | 0.904157066 | -9.894053516 | 4 | 2.91E-11 | 3.50E-06 |
| 65 | 0.162717464 | -0.022075414 | -1.448765901 | -19.51136153 | 1.846269477 | 3.33391544 | 1.993398973 | 2.954875931 | 4 | 9.24E-11 | 9.75E-06 |
| 66 | 0.162893991 | 0.02341808 | 2.475986243 | -19.42409607 | 2.877300205 | -3.159694446 | -1.172673607 | -7.101108747 | 4 | 8.11E-12 | 4.15E-06 |
| 67 | 0.837057908 | -0.018365386 | -1.684190803 | -19.46723534 | 3.189649186 | 2.756185233 | 1.179359392 | -3.565894325 | 4 | 3.60E-11 | 4.87E-06 |
| 68 | 0.189649186 | -2.756185233 | -1.179359392 | -3.565894325 | 1.837057908 | 0.018365386 | 1.684190803 | -19.46723534 | 4 | 2.14E-11 | 4.87E-06 |
| 69 | 0.836834022 | 0.019103963 | 0.986701993 | -19.52583109 | 2.162668608 | -2.61950038 | -1.990145959 | 6.423627073 | 4 | 9.56E-11 | 1.22E-05 |
| 70 | 0.846269477 | -3.33391544 | -1.993398973 | 2.954875931 | 3.162717464 | 0.022075414 | 1.448765901 | -19.51136153 | 4 | 8.38E-11 | 9.75E-06 |
| 71 | 0.877300205 | -3.159694446 | -1.172673607 | -7.101108747 | 2.162893991 | 0.02341808 | 2.475986243 | -19.42409607 | 4 | 6.97E-12 | 4.15E-06 |
| 72 | 0.162884593 | -0.02324085 | -0.904157066 | -19.53594648 | 1.162884593 | 2.689230348 | 2.712471198 | 9.557839452 | 4 | 5.70E-11 | 2.14E-05 |
| 73 | 0.837115407 | 0.02324085 | 2.712471198 | -19.36783945 | 3.837115407 | -2.689230348 | -0.904157066 | -9.894053516 | 4 | 1.50E-11 | 3.07E-06 |
| 74 | 0.837115407 | -2.689230348 | -0.904157066 | -9.894053516 | 1.837115407 | 0.02324085 | 2.712471198 | -19.36783945 | 4 | 2.64E-11 | 3.07E-06 |
| 75 | 0.837115407 | -0.02324085 | -0.904157066 | -19.53594648 | 1.837115407 | 2.689230348 | 2.712471198 | 9.557839452 | 4 | 4.33E-11 | 2.38E-05 |
| 76 | 0.837115407 | -2.689230348 | -2.712471198 | 9.557839452 | 3.837115407 | 0.02324085 | 0.904157066 | -19.53594648 | 4 | 7.77E-11 | 2.38E-05 |
| 77 | 0.162884593 | 2.689230348 | 2.712471198 | 9.557839452 | 3.162884593 | -0.02324085 | -0.904157066 | -19.53594648 | 4 | 2.35E-11 | 2.14E-05 |
| 78 | 0.877300205 | 3.159694446 | 1.172673607 | -7.101108747 | 2.162893991 | -0.02341808 | -2.475986243 | -19.42409607 | 4 | 1.51E-11 | 4.15E-06 |
| 79 | 0.837115407 | 0.02324085 | 0.904157066 | -19.53594648 | 1.837115407 | -2.689230348 | -2.712471198 | 9.557839452 | 4 | 1.14E-10 | 2.38E-05 |
| 80 | 0.161661031 | -0.031909611 | -0.795284737 | -19.54463182 | 0.804487723 | 2.637999079 | 4.15338803 | 12.92025856 | 4 | 9.00E-10 | 3.90E-05 |
| 81 | 0.162884593 | 0.02324085 | 0.904157066 | -19.53594648 | 1.162884593 | -2.689230348 | -2.712471198 | 9.557839452 | 4 | 2.40E-11 | 2.14E-05 |
| 82 | 0.161661031 | 0.031909611 | 0.795284737 | -19.54463182 | 0.804487723 | -2.637999079 | -4.15338803 | 12.92025856 | 4 | 2.15E-09 | 3.90E-05 |
| 83 | 0.836834022 | -0.019103963 | -0.986701993 | -19.52583109 | 2.162668608 | 2.61950038 | 1.990145959 | 6.423627073 | 4 | 8.89E-11 | 1.22E-05 |
| 84 | 0.162668608 | -2.61950038 | -1.990145959 | 6.423627073 | 2.836834022 | 0.019103963 | 0.986701993 | -19.52583109 | 4 | 8.13E-11 | 1.22E-05 |
| 85 | 0.162717464 | 0.022075414 | 1.448765901 | -19.51136153 | 1.846269477 | -3.33391544 | -1.993398973 | 2.954875931 | 4 | 2.60E-11 | 9.75E-06 |
| 86 | 0.162893991 | -0.02341808 | -2.475986243 | -19.42409607 | 2.877300205 | 3.159694446 | 1.172673607 | -7.101108747 | 4 | 6.70E-12 | 4.15E-06 |
| 87 | 0.846269477 | 3.33391544 | 1.993398973 | 2.954875931 | 3.162717464 | -0.022075414 | -1.448765901 | -19.51136153 | 4 | 1.15E-10 | 9.75E-06 |
| 88 | 0.837699287 | -0.02250258 | -2.989806004 | -19.17444345 | 4.269076843 | 1.677568215 | 0.49544848 | -14.11564816 | 4 | 9.39E-12 | 2.42E-06 |
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| 90 | 0.162884593 | -2.689230348 | -2.712471198 | 9.557839452 | 3.162884593 | 0.02324085 | 0.904157066 | -19.53594648 | 4 | 7.83E-11 | 2.14E-05 |
| 91 | 0.837115407 | 2.689230348 | 2.712471198 | 9.557839452 | 3.837115407 | -0.02324085 | -0.904157066 | -19.53594648 | 4 | 4.37E-11 | 2.38E-05 |
| 92 | 0.804487723 | -2.637999079 | -4.15338803 | 12.92025856 | 4.161661031 | 0.031909611 | 0.795284737 | -19.54463182 | 4 | 6.21E-10 | 3.90E-05 |
| 93 | 0.189649186 | 2.756185233 | 1.179359392 | -3.565894325 | 1.837057908 | -0.018365386 | -1.684190803 | -19.46723534 | 4 | 2.69E-11 | 4.87E-06 |

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|-----|-------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|---|----------|----------|
| 94 | 0.837115407 | -0.02324085 | -2.712471198 | -19.36783945 | 3.837115407 | 2.689230348 | 0.904157066 | -9.894053516 | 4 | 6.55E-12 | 3.07E-06 |
| 95 | 0.162884593 | -2.689230348 | -0.904157066 | -9.894053516 | 1.162884593 | 0.02324085 | 2.712471198 | -19.36783945 | 4 | 7.56E-12 | 3.50E-06 |
| 96 | 0.350285345 | -2.01E-41 | -1.08E-40 | -16.16078405 | 0.880318893 | 7.69E-42 | 5.97E-40 | -8.226050854 | 4 | 2.81E-09 | 5.66E-06 |
| 97 | 0.823448585 | 1.01E-21 | 5.18E-21 | -10.13122358 | 3.248731398 | 2.02E-22 | 1.48E-20 | -10.33301281 | 4 | 1.87E-11 | 1.02E-05 |
| 98 | 0.837115407 | 2.689230348 | 0.904157066 | -9.894053516 | 1.837115407 | -0.02324085 | -2.712471198 | -19.36783945 | 4 | 1.14E-11 | 3.07E-06 |
| 99 | 0.208102729 | 1.83E-22 | -2.73E-22 | -9.81 | 2.208102729 | -1.00E-23 | -1.00E-21 | -9.81 | 4 | 2.98E-10 | 1.88E-05 |
| 100 | 0.880318893 | -3.94E-31 | 5.68E-29 | -8.226050854 | 4.350285345 | -2.54E-30 | 9.53E-30 | -16.16078405 | 4 | 1.20E-09 | 5.66E-06 |
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| 105 | 0.86265681 | -0.01523574 | -1.360303521 | -24.43254613 | 3.147405395 | 3.67833032 | 1.616618163 | 2.00174193 | 5 | 2.89E-11 | 4.12E-06 |
| 106 | 0.137231867 | -0.016860004 | -1.80734247 | -24.41376538 | 2.880401545 | 4.062005286 | 1.486916876 | -2.477008262 | 5 | 1.22E-11 | 3.55E-06 |
| 107 | 0.86265681 | 0.01523574 | 1.360303521 | -24.43254613 | 3.147405395 | -3.67833032 | -1.616618163 | 2.00174193 | 5 | 3.20E-11 | 4.12E-06 |
| 108 | 0.13727009 | -3.819650803 | -1.918006778 | 4.779464521 | 3.13727009 | 0.016362752 | 1.278671185 | -24.44130968 | 5 | 2.34E-11 | 6.40E-06 |
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| 111 | 0.13727009 | -3.819650803 | -1.278671185 | -4.98869032 | 2.13727009 | 0.016362752 | 1.918006778 | -24.39946452 | 5 | 1.32E-11 | 3.03E-06 |
| 112 | 0.137231867 | 0.016860004 | 1.80734247 | -24.41376538 | 2.880401545 | -4.062005286 | -1.486916876 | -2.477008262 | 5 | 3.82E-11 | 3.55E-06 |
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| 114 | 0.863152133 | 0.020835676 | 3.540689794 | -24.1234245 | 5.234719557 | -2.204249133 | -0.508990161 | -18.41780472 | 5 | 4.56E-11 | 1.24E-06 |
| 115 | 0.86272731 | -0.015893655 | -2.051307817 | -24.37689992 | 4.166931536 | 3.462705472 | 1.052779698 | -7.965251921 | 5 | 5.54E-11 | 2.17E-06 |
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| 135 | 0.86272991 | -0.016362752 | -1.278671185 | -24.44130968 | 2.86272991 | 3.819650803 | 1.918006778 | 4.779464521 | 5 | 2.51E-10 | 6.07E-06 |
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| 169 | 0.331425036 | -4.40E-28 | -6.18E-28 | -20.80400534 | 1.018656162 | 1.51E-28 | 2.41E-26 | -5.568109768 | 5 | 3.41E-11 | 3.91E-06 |
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| 177 | 0.914520494 | 4.635338129 | 1.221295429 | -7.983365071 | 3.107436259 | -0.014236446 | -2.120270485 | -29.3156464 | 6 | 6.80E-10 | 1.67E-06 |
| 178 | 0.107405094 | -0.013736509 | -1.501811108 | -29.35179426 | 2.901562008 | 4.800834247 | 1.723085318 | 1.929592239 | 6 | 1.26E-11 | 3.01E-06 |
| 179 | 0.106833433 | 0.021617523 | 0.635245038 | -29.38203571 | 0.860592629 | -3.311030915 | -4.421370193 | 21.70178592 | 6 | 2.78E-10 | 2.80E-05 |
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| 181 | 0.107442818 | -4.415291568 | -2.214723459 | 9.684599252 | 4.107442818 | 0.014155351 | 1.10736173 | -29.36729963 | 6 | 5.29E-11 | 5.64E-06 |
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| 185 | 0.892557182 | -0.013341027 | -1.566045976 | -29.34642936 | 3.892557182 | 4.684796902 | 1.566045976 | -0.083570644 | 6 | 9.00E-11 | 2.34E-06 |
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| 192 | 0.11007988 | 4.379824108 | 1.981075724 | 7.562368399 | 3.892490486 | -0.013388408 | -1.161484824 | -29.36370254 | 6 | 6.61E-12 | 3.47E-06 |
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| 204 | 0.107442818 | 4.415291568 | 1.10736173 | -9.872700374 | 2.107442818 | -0.014155351 | -2.214723459 | -29.30459925 | 6 | 4.33E-11 | 1.52E-06 |
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| 206 | 0.892557182 | 3.483845312 | 0.700357052 | -19.67025747 | 1.892557182 | -0.017939947 | -3.501785259 | -29.17871263 | 6 | 4.29E-11 | 8.23E-07 |
| 207 | 0.892557182 | 4.684796902 | 1.566045976 | -0.083570644 | 3.892557182 | -0.013341027 | -1.566045976 | -29.34642936 | 6 | 5.33E-12 | 2.34E-06 |
| 208 | 0.892557182 | -4.415291568 | -2.214723459 | 9.684599252 | 4.892557182 | 0.014155351 | 1.10736173 | -29.36729963 | 6 | 3.69E-10 | 5.61E-06 |
| 209 | 0.914520494 | -4.635338129 | -1.221295429 | -7.983365071 | 3.107436259 | 0.014236446 | 2.120270485 | -29.3156464 | 6 | 1.10E-09 | 1.67E-06 |
| 210 | 0.892557182 | -4.684796902 | -1.566045976 | -0.083570644 | 3.892557182 | 0.013341027 | 1.566045976 | -29.34642936 | 6 | 1.96E-11 | 2.34E-06 |
| 211 | 0.892557182 | 0.017939947 | 3.501785259 | -29.17871263 | 5.892557182 | -3.483845312 | -0.700357052 | -19.67025747 | 6 | 6.98E-11 | 8.23E-07 |
| 212 | 0.107496576 | -0.017488312 | -3.303512353 | -29.21425814 | 4.943410443 | 3.828084609 | 0.795211211 | -18.06224774 | 6 | 7.82E-12 | 1.04E-06 |
| 213 | 0.107442818 | -4.415291568 | -1.10736173 | -9.872700374 | 2.107442818 | 0.014155351 | 2.214723459 | -29.30459925 | 6 | 3.78E-11 | 1.52E-06 |
| 214 | 0.196205577 | -2.714554942 | -0.515438486 | -22.6431609 | 0.89287316 | 0.018986692 | 3.923738812 | -29.06863885 | 6 | 2.93E-11 | 7.06E-07 |
| 215 | 0.892557182 | -0.014155351 | -1.10736173 | -29.36729963 | 2.892557182 | 4.415291568 | 2.214723459 | 9.684599252 | 6 | 1.04E-10 | 5.61E-06 |
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| 221 | 0.892530773 | 0.012970455 | 1.638668608 | -29.339526 | 4.121390609 | -4.528009943 | -1.406372723 | -2.322763484 | 6 | 8.61E-12 | 1.84E-06 |
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| 233 | 0.093330407 | 3.581954767 | 2.99582937 | 17.43928355 | 4.8923493 | -0.015979705 | -0.749722923 | -29.37767362 | 6 | 1.58E-10 | 8.62E-06 |
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| 268 | 0.067746757 | -0.012652797 | -0.990454441 | -34.28487193 | 2.067746757 | 4.939619409 | 2.476136103 | 14.58967981 | 7 | 6.09E-11 | 4.61E-06 |
| 269 | 0.067714565 | 0.011776924 | 1.323042757 | -34.2743494 | 2.936842215 | -5.453543818 | -1.904871936 | 6.101535083 | 7 | 2.62E-11 | 2.55E-06 |
| 270 | 0.932253243 | -0.016362752 | -3.836013556 | -34.08392904 | 6.932253243 | 3.819650803 | 0.639335593 | -24.56684516 | 7 | 1.94E-11 | 4.82E-07 |
| 271 | 0.067751226 | -0.01262118 | -2.415610519 | -34.2162443 | 4.957364325 | 5.085251617 | 1.042592265 | -13.68336019 | 7 | 2.98E-11 | 9.09E-07 |
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| 273 | 0.067734044 | 0.011638775 | 1.767122194 | -34.25476774 | 3.94519417 | -5.506270739 | -1.42307318 | -3.767495315 | 7 | 4.57E-12 | 1.43E-06 |
| 274 | 0.083343005 | -5.288218309 | -1.276688808 | -6.447649799 | 2.932242652 | 0.011445053 | 1.860249225 | -34.2470569 | 7 | 7.00E-12 | 9.21E-07 |
| 275 | 0.067746757 | 0.012652797 | 2.476136103 | -34.20967981 | 5.067746757 | -4.939619409 | -0.990454441 | -14.76512807 | 7 | 7.87E-12 | 8.69E-07 |
| 276 | 0.932253243 | 0.012652797 | 2.476136103 | -34.20967981 | 5.932253243 | -4.939619409 | -0.990454441 | -14.76512807 | 7 | 1.95E-10 | 6.86E-07 |
| 277 | 0.932253243 | 0.016362752 | 3.836013556 | -34.08392904 | 6.932253243 | -3.819650803 | -0.639335593 | -24.56684516 | 7 | 2.27E-11 | 4.82E-07 |
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| 304 | 0.098021881 | 4.703447401 | 0.912968085 | -16.3895466 | 1.932270601 | -0.012718654 | -2.571170423 | -34.19833586 | 7 | 5.00E-12 | 6.13E-07 |
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| 306 | 0.936842215 | -5.453543818 | -1.904871936 | 6.101535083 | 5.067714565 | 0.011776924 | 1.323042757 | -34.2743494 | 7 | 1.99E-11 | 2.55E-06 |
| 307 | 0.94519417 | 5.506270739 | 1.42307318 | -3.767495315 | 4.067734044 | -0.011638775 | -1.767122194 | -34.25476774 | 7 | 7.73E-12 | 1.43E-06 |
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