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**Mg<sub>2</sub>NiH<sub>4</sub> (LT)**

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## PARAMETERS

A=14.3400      B= 6.4000      C= 6.4800  
 AF= 90.000      BT=113.520      GM= 90.000  
 NUVW= 6      NSY= 5      NL= 3  
 SY: 1-CUBIC; 2-TETRA; 3-ORTH; 4-HEX; 5-MONO; 6-TRIC  
 LT: 1-F; 2-I; 3-C; 4-B; 5-A; 6-P; 7-R;

| K  | U  | V | W | H1 | K1 | L1 | H2 | K2 | L2 | R2/R1 | R3/R1 | FAI    | D1    | D2    |
|----|----|---|---|----|----|----|----|----|----|-------|-------|--------|-------|-------|
| 1  | 1  | 0 | 3 | 3  | 1  | -1 | -3 | 1  | 1  | 1.000 | 1.148 | 109.97 | 3.672 | 3.672 |
| 2  | -1 | 0 | 1 | 1  | -1 | 1  | 1  | 1  | 1  | 1.000 | 1.192 | 73.16  | 3.814 | 3.814 |
| 3  | 1  | 0 | 1 | 1  | -1 | -1 | 1  | 1  | -1 | 1.000 | 1.407 | 90.62  | 4.550 | 4.550 |
| 4  | -2 | 5 | 2 | -2 | 0  | -2 | -4 | -2 | 1  | 1.001 | 1.332 | 83.44  | 2.375 | 2.372 |
| 5  | 5  | 3 | 6 | 0  | 2  | -1 | -3 | 1  | 2  | 1.010 | 1.379 | 86.62  | 2.817 | 2.790 |
| 6  | -6 | 3 | 5 | 2  | 4  | 0  | -3 | -1 | -3 | 1.012 | 1.111 | 112.92 | 1.555 | 1.537 |
| 7  | 5  | 1 | 2 | 1  | -1 | -2 | 0  | 2  | -1 | 1.012 | 1.407 | 88.75  | 2.851 | 2.817 |
| 8  | 1  | 1 | 2 | 1  | -1 | 0  | 2  | 0  | -1 | 1.014 | 1.265 | 77.82  | 5.755 | 5.677 |
| 9  | -1 | 5 | 3 | 1  | -1 | 2  | 5  | 1  | 0  | 1.015 | 1.163 | 70.49  | 2.470 | 2.432 |
| 10 | 1  | 3 | 6 | -3 | -1 | 1  | 3  | -1 | 0  | 1.016 | 1.303 | 99.42  | 3.672 | 3.616 |
| 11 | -1 | 5 | 2 | 2  | 0  | 1  | 3  | 1  | -1 | 1.016 | 1.308 | 80.95  | 3.729 | 3.672 |
| 12 | 1  | 4 | 6 | 2  | -2 | 1  | 6  | 0  | -1 | 1.017 | 1.144 | 69.09  | 2.429 | 2.389 |
| 13 | -5 | 3 | 4 | -1 | 1  | -2 | -2 | -2 | -1 | 1.017 | 1.219 | 74.36  | 2.470 | 2.429 |
| 14 | 5  | 2 | 1 | 1  | -1 | -3 | -1 | 3  | -1 | 1.019 | 1.382 | 86.42  | 1.982 | 1.946 |
| 15 | 5  | 3 | 4 | 1  | 1  | -2 | -2 | 2  | 1  | 1.023 | 1.395 | 87.20  | 2.851 | 2.788 |
| 16 | -5 | 4 | 3 | -1 | 1  | -3 | -3 | -3 | -1 | 1.023 | 1.241 | 75.64  | 1.780 | 1.739 |
| 17 | -3 | 5 | 4 | -2 | -2 | 1  | 3  | 1  | 1  | 1.026 | 1.129 | 112.30 | 2.788 | 2.717 |
| 18 | 5  | 4 | 3 | 1  | 1  | -3 | -3 | 3  | 1  | 1.029 | 1.373 | 85.18  | 1.982 | 1.926 |
| 19 | 1  | 5 | 5 | 5  | -1 | 0  | 5  | 1  | -2 | 1.032 | 1.117 | 66.67  | 2.432 | 2.356 |
| 20 | 1  | 1 | 0 | 0  | 0  | -1 | -1 | 1  | 0  | 1.033 | 1.306 | 79.94  | 5.942 | 5.755 |
| 21 | 1  | 2 | 1 | 1  | -1 | 1  | 3  | -1 | -1 | 1.039 | 1.179 | 70.65  | 3.814 | 3.672 |
| 22 | 4  | 3 | 5 | 4  | -2 | -2 | 3  | 1  | -3 | 1.039 | 1.091 | 64.67  | 2.123 | 2.044 |
| 23 | -5 | 6 | 4 | 0  | -2 | 3  | 4  | 2  | 2  | 1.045 | 1.155 | 68.75  | 1.684 | 1.611 |
| 24 | -5 | 4 | 6 | -4 | -2 | -2 | -2 | -4 | 1  | 1.046 | 1.065 | 62.69  | 1.611 | 1.540 |
| 25 | -1 | 4 | 4 | -4 | 0  | -1 | -4 | -2 | 1  | 1.048 | 1.142 | 67.74  | 2.487 | 2.372 |
| 26 | 6  | 4 | 3 | 3  | -3 | -2 | -1 | 3  | -2 | 1.053 | 1.104 | 115.01 | 1.757 | 1.668 |
| 27 | -1 | 3 | 4 | 1  | -1 | 1  | 3  | 1  | 0  | 1.055 | 1.368 | 83.46  | 3.814 | 3.616 |
| 28 | -3 | 1 | 5 | -1 | -3 | 0  | 3  | -1 | 2  | 1.055 | 1.307 | 78.93  | 2.106 | 1.996 |
| 29 | 6  | 3 | 2 | 2  | -2 | -3 | 0  | 2  | -3 | 1.059 | 1.147 | 67.65  | 1.783 | 1.684 |
| 30 | -1 | 2 | 6 | 2  | -2 | 1  | 4  | 2  | 0  | 1.059 | 1.325 | 99.92  | 2.429 | 2.293 |
| 31 | 4  | 3 | 3 | 0  | 2  | -2 | -3 | 1  | 3  | 1.065 | 1.130 | 113.74 | 2.177 | 2.044 |
| 32 | 3  | 6 | 2 | -4 | 2  | 0  | -2 | 0  | 3  | 1.068 | 1.408 | 94.24  | 2.293 | 2.148 |
| 33 | 4  | 5 | 3 | -4 | 2  | 2  | -1 | -1 | 3  | 1.071 | 1.221 | 72.17  | 2.123 | 1.982 |
| 34 | 4  | 1 | 1 | 0  | -2 | 2  | 1  | -3 | -1 | 1.075 | 1.098 | 63.81  | 2.177 | 2.026 |
| 35 | -2 | 4 | 3 | 1  | -1 | 2  | 4  | 2  | 0  | 1.077 | 1.405 | 85.07  | 2.470 | 2.293 |
| 36 | 1  | 5 | 4 | 1  | -1 | 1  | 4  | 0  | -1 | 1.079 | 1.367 | 82.15  | 3.814 | 3.535 |
| 37 | 3  | 5 | 5 | 5  | -1 | -2 | 0  | 2  | -2 | 1.082 | 1.422 | 86.06  | 2.356 | 2.177 |
| 38 | -4 | 5 | 3 | -3 | -3 | 1  | 1  | -1 | 3  | 1.083 | 1.196 | 69.95  | 1.926 | 1.780 |
| 39 | 2  | 5 | 6 | 2  | -2 | 1  | 6  | 0  | -2 | 1.083 | 1.379 | 82.81  | 2.429 | 2.242 |
| 40 | -6 | 3 | 2 | 0  | -2 | 3  | 2  | 4  | 0  | 1.083 | 1.113 | 115.54 | 1.684 | 1.555 |
| 41 | -2 | 5 | 5 | 0  | -2 | 2  | 5  | 1  | 1  | 1.085 | 1.272 | 75.09  | 2.177 | 2.006 |
| 42 | 3  | 6 | 4 | -4 | 2  | 0  | -4 | 0  | 3  | 1.087 | 1.362 | 81.31  | 2.293 | 2.109 |
| 43 | 3  | 4 | 4 | -4 | 2  | 1  | 0  | -2 | 2  | 1.090 | 1.125 | 115.02 | 2.372 | 2.177 |
| 44 | 1  | 6 | 6 | 6  | 0  | -1 | 0  | 2  | -2 | 1.097 | 1.467 | 91.38  | 2.389 | 2.177 |
| 45 | -1 | 6 | 1 | -5 | -1 | 1  | 2  | 0  | 2  | 1.101 | 1.280 | 105.14 | 2.615 | 2.375 |
| 46 | -6 | 3 | 4 | 2  | 0  | 3  | 2  | 4  | 0  | 1.104 | 1.379 | 81.75  | 1.717 | 1.555 |
| 47 | 1  | 0 | 4 | 4  | 0  | -1 | 0  | 2  | 0  | 1.105 | 1.490 | 90.00  | 3.535 | 3.200 |
| 48 | 0  | 1 | 0 | -2 | 0  | 0  | 0  | 0  | 1  | 1.106 | 1.158 | 113.52 | 6.574 | 5.942 |
| 49 | -3 | 4 | 4 | 0  | -2 | 2  | 4  | 2  | 1  | 1.109 | 1.493 | 90.03  | 2.177 | 1.963 |

|     |    |   |   |    |    |    |    |    |    |       |       |        |       |       |
|-----|----|---|---|----|----|----|----|----|----|-------|-------|--------|-------|-------|
| 50  | -6 | 1 | 4 | -2 | 0  | -3 | 0  | -4 | 1  | 1.111 | 1.294 | 104.62 | 1.717 | 1.545 |
| 51  | -3 | 2 | 2 | 2  | 2  | 1  | 0  | 2  | -2 | 1.115 | 1.415 | 83.76  | 2.429 | 2.177 |
| 52  | -1 | 5 | 5 | -5 | -1 | 0  | 0  | -2 | 2  | 1.117 | 1.490 | 90.68  | 2.432 | 2.177 |
| 53  | 1  | 3 | 1 | -3 | 1  | 0  | -2 | 0  | 2  | 1.118 | 1.464 | 87.28  | 3.616 | 3.235 |
| 54  | -4 | 1 | 1 | 0  | -2 | 2  | 1  | 3  | 1  | 1.119 | 1.223 | 109.71 | 2.177 | 1.946 |
| 55  | 3  | 6 | 1 | -4 | 2  | 0  | -3 | 1  | 3  | 1.122 | 1.289 | 74.53  | 2.293 | 2.044 |
| 56  | 3  | 6 | 5 | -4 | 2  | 0  | -3 | -1 | 3  | 1.122 | 1.353 | 101.00 | 2.293 | 2.044 |
| 57  | 2  | 0 | 1 | 0  | -2 | 0  | 1  | -1 | -2 | 1.123 | 1.123 | 63.55  | 3.200 | 2.851 |
| 58  | -3 | 1 | 3 | 2  | 0  | 2  | 1  | 3  | 0  | 1.128 | 1.423 | 83.75  | 2.375 | 2.106 |
| 59  | 2  | 4 | 1 | -3 | 1  | 2  | 1  | -1 | 2  | 1.130 | 1.217 | 69.38  | 2.790 | 2.470 |
| 60  | 3  | 4 | 2 | 2  | -2 | 1  | 2  | 0  | -3 | 1.131 | 1.144 | 115.41 | 2.429 | 2.148 |
| 61  | 4  | 5 | 5 | 0  | -2 | 2  | 5  | -1 | -3 | 1.133 | 1.272 | 107.04 | 2.177 | 1.922 |
| 62  | -1 | 2 | 4 | 0  | -2 | 1  | 4  | 0  | 1  | 1.133 | 1.229 | 70.03  | 2.817 | 2.487 |
| 63  | -3 | 1 | 1 | -1 | -1 | -2 | 0  | -2 | 2  | 1.134 | 1.173 | 113.68 | 2.470 | 2.177 |
| 64  | -4 | 6 | 3 | -3 | -1 | -2 | -3 | -3 | 2  | 1.136 | 1.481 | 87.59  | 1.996 | 1.757 |
| 65  | -1 | 6 | 6 | 0  | -2 | 2  | 6  | 2  | -1 | 1.137 | 1.188 | 112.81 | 2.177 | 1.914 |
| 66  | -5 | 2 | 1 | -1 | -3 | 1  | 1  | 1  | 3  | 1.139 | 1.504 | 90.88  | 2.026 | 1.780 |
| 67  | -5 | 1 | 2 | 0  | -2 | 1  | 1  | 1  | 2  | 1.141 | 1.448 | 84.84  | 2.817 | 2.470 |
| 68  | 0  | 0 | 1 | 2  | 0  | 0  | 1  | 1  | 0  | 1.142 | 1.142 | 64.05  | 6.574 | 5.755 |
| 69  | -6 | 3 | 1 | -1 | -1 | -3 | -2 | -4 | 0  | 1.145 | 1.193 | 67.23  | 1.780 | 1.555 |
| 70  | -1 | 5 | 1 | 3  | 1  | -2 | -5 | -1 | 0  | 1.147 | 1.175 | 114.07 | 2.790 | 2.432 |
| 71  | 2  | 0 | 3 | 0  | -2 | 0  | 3  | -1 | -2 | 1.147 | 1.147 | 64.16  | 3.200 | 2.790 |
| 72  | 2  | 1 | 2 | 2  | 0  | -2 | 0  | 2  | -1 | 1.148 | 1.160 | 64.96  | 3.235 | 2.817 |
| 73  | -2 | 4 | 5 | -4 | -2 | 0  | 3  | -1 | 2  | 1.149 | 1.294 | 106.33 | 2.293 | 1.996 |
| 74  | -3 | 6 | 1 | 4  | 2  | 0  | 1  | 1  | -3 | 1.157 | 1.492 | 87.22  | 2.293 | 1.982 |
| 75  | -2 | 1 | 2 | 0  | -2 | 1  | 2  | 2  | 1  | 1.160 | 1.186 | 113.86 | 2.817 | 2.429 |
| 76  | 3  | 5 | 1 | 1  | -1 | 2  | 4  | -2 | -2 | 1.163 | 1.491 | 93.21  | 2.470 | 2.123 |
| 77  | -1 | 0 | 2 | 2  | 0  | 1  | 0  | 2  | 0  | 1.165 | 1.536 | 90.00  | 3.729 | 3.200 |
| 78  | -6 | 5 | 3 | -3 | -3 | -1 | -1 | -3 | 3  | 1.166 | 1.299 | 73.24  | 1.739 | 1.491 |
| 79  | 1  | 2 | 6 | -2 | -2 | 1  | 6  | 0  | -1 | 1.167 | 1.216 | 112.25 | 2.788 | 2.389 |
| 80  | -1 | 6 | 4 | 4  | 0  | 1  | 4  | 2  | -2 | 1.171 | 1.476 | 85.32  | 2.487 | 2.123 |
| 81  | 1  | 5 | 3 | -1 | -1 | 2  | 5  | -1 | 0  | 1.172 | 1.271 | 71.16  | 2.851 | 2.432 |
| 82  | -3 | 2 | 3 | -2 | 0  | -2 | -1 | -3 | 1  | 1.172 | 1.366 | 102.53 | 2.375 | 2.026 |
| 83  | -2 | 3 | 2 | -2 | -2 | 1  | 2  | 0  | 2  | 1.174 | 1.420 | 81.13  | 2.788 | 2.375 |
| 84  | 2  | 1 | 6 | 2  | 2  | -1 | -4 | 2  | 1  | 1.175 | 1.243 | 69.20  | 2.788 | 2.372 |
| 85  | 5  | 6 | 3 | -3 | 1  | 3  | 3  | -3 | 1  | 1.175 | 1.517 | 91.97  | 2.044 | 1.739 |
| 86  | -1 | 0 | 3 | 0  | -2 | 0  | 3  | 1  | 1  | 1.178 | 1.178 | 115.12 | 3.200 | 2.717 |
| 87  | -6 | 4 | 3 | 1  | 3  | -2 | -3 | -3 | -2 | 1.184 | 1.324 | 105.91 | 1.772 | 1.497 |
| 88  | -1 | 2 | 5 | -3 | 1  | -1 | -4 | -2 | 0  | 1.185 | 1.341 | 75.20  | 2.717 | 2.293 |
| 89  | 1  | 4 | 1 | -2 | 0  | 2  | 3  | -1 | 1  | 1.190 | 1.237 | 68.13  | 3.235 | 2.717 |
| 90  | 5  | 4 | 6 | 4  | -2 | -2 | 2  | 2  | -3 | 1.191 | 1.444 | 81.98  | 2.123 | 1.783 |
| 91  | -4 | 2 | 5 | 3  | 1  | 2  | -1 | 3  | -2 | 1.196 | 1.284 | 109.10 | 1.996 | 1.668 |
| 92  | -6 | 5 | 4 | -2 | 0  | -3 | -2 | -4 | 2  | 1.197 | 1.276 | 109.65 | 1.717 | 1.434 |
| 93  | 2  | 5 | 5 | 5  | -1 | -1 | 0  | 2  | -2 | 1.201 | 1.360 | 104.26 | 2.615 | 2.177 |
| 94  | 2  | 4 | 3 | -1 | -1 | 2  | 5  | -1 | -2 | 1.210 | 1.243 | 112.30 | 2.851 | 2.356 |
| 95  | 6  | 5 | 3 | 3  | -3 | -1 | 2  | 0  | -4 | 1.210 | 1.377 | 76.43  | 1.926 | 1.592 |
| 96  | 1  | 6 | 3 | -3 | 1  | -1 | -6 | 0  | 2  | 1.212 | 1.330 | 73.19  | 2.717 | 2.242 |
| 97  | 2  | 4 | 5 | -3 | -1 | 2  | 4  | -2 | 0  | 1.217 | 1.471 | 82.54  | 2.790 | 2.293 |
| 98  | -1 | 3 | 2 | -1 | -1 | 1  | 2  | 0  | 1  | 1.220 | 1.258 | 68.22  | 4.550 | 3.729 |
| 99  | 5  | 2 | 2 | 0  | 2  | -2 | -2 | 2  | 3  | 1.221 | 1.414 | 101.62 | 2.177 | 1.783 |
| 100 | 1  | 0 | 5 | 0  | 2  | 0  | -5 | -1 | 1  | 1.224 | 1.224 | 114.11 | 3.200 | 2.615 |
| 101 | 5  | 1 | 1 | 0  | -2 | 2  | 1  | -3 | -2 | 1.228 | 1.448 | 80.36  | 2.177 | 1.772 |
| 102 | -3 | 4 | 3 | -2 | 0  | -2 | -3 | -3 | 1  | 1.233 | 1.582 | 90.40  | 2.375 | 1.926 |
| 103 | 5  | 4 | 4 | 0  | 2  | -2 | -4 | 2  | 3  | 1.236 | 1.494 | 96.92  | 2.177 | 1.761 |
| 104 | -2 | 1 | 6 | -2 | 2  | -1 | -4 | -2 | -1 | 1.237 | 1.562 | 87.93  | 2.429 | 1.963 |
| 105 | 5  | 3 | 3 | 0  | -2 | 2  | 3  | -3 | -2 | 1.239 | 1.389 | 75.86  | 2.177 | 1.757 |
| 106 | -2 | 4 | 1 | -1 | -1 | 2  | 4  | 2  | 0  | 1.243 | 1.428 | 101.73 | 2.851 | 2.293 |
| 107 | -2 | 3 | 3 | 3  | 1  | 1  | 0  | 2  | -2 | 1.248 | 1.410 | 103.16 | 2.717 | 2.177 |
| 108 | -4 | 3 | 3 | 0  | -2 | 2  | 3  | 3  | 1  | 1.252 | 1.417 | 102.95 | 2.177 | 1.739 |
| 109 | -5 | 6 | 3 | 3  | 3  | -1 | -3 | -1 | -3 | 1.253 | 1.430 | 102.13 | 1.926 | 1.537 |
| 110 | 1  | 2 | 4 | -4 | 0  | 1  | 0  | -2 | 1  | 1.255 | 1.542 | 85.49  | 3.535 | 2.817 |

|     |    |   |   |    |    |    |    |    |    |       |       |        |       |       |
|-----|----|---|---|----|----|----|----|----|----|-------|-------|--------|-------|-------|
| 111 | 2  | 3 | 6 | 0  | -2 | 1  | 6  | 0  | -2 | 1.257 | 1.472 | 99.45  | 2.817 | 2.242 |
| 112 | -4 | 3 | 5 | -1 | -3 | 1  | 4  | 2  | 2  | 1.257 | 1.318 | 109.60 | 2.026 | 1.611 |
| 113 | 1  | 3 | 4 | -1 | -1 | 1  | 3  | -1 | 0  | 1.258 | 1.287 | 68.39  | 4.550 | 3.616 |
| 114 | 5  | 6 | 4 | -4 | 2  | 2  | 0  | -2 | 3  | 1.261 | 1.578 | 87.75  | 2.123 | 1.684 |
| 115 | -1 | 3 | 1 | 3  | 1  | 0  | 1  | 1  | -2 | 1.269 | 1.523 | 83.42  | 3.616 | 2.851 |
| 116 | 6  | 1 | 3 | 1  | -3 | -1 | 2  | 0  | -4 | 1.273 | 1.359 | 72.31  | 2.026 | 1.592 |
| 117 | 6  | 3 | 1 | 1  | -1 | -3 | -2 | 4  | 0  | 1.275 | 1.417 | 104.01 | 1.982 | 1.555 |
| 118 | -2 | 5 | 1 | 3  | 1  | 1  | 4  | 2  | -2 | 1.280 | 1.371 | 72.76  | 2.717 | 2.123 |
| 119 | 3  | 2 | 2 | 2  | -2 | -1 | 0  | 2  | -2 | 1.280 | 1.298 | 111.89 | 2.788 | 2.177 |
| 120 | -1 | 3 | 6 | 3  | 1  | 0  | 0  | 2  | -1 | 1.284 | 1.331 | 70.04  | 3.616 | 2.817 |
| 121 | -3 | 6 | 2 | -4 | -2 | 0  | -2 | -2 | 3  | 1.286 | 1.336 | 70.25  | 2.293 | 1.783 |
| 122 | -1 | 0 | 4 | 0  | -2 | 0  | 4  | 0  | 1  | 1.287 | 1.630 | 90.00  | 3.200 | 2.487 |
| 123 | 3  | 5 | 4 | -3 | 1  | 1  | -1 | -1 | 2  | 1.288 | 1.512 | 81.67  | 3.672 | 2.851 |
| 124 | -2 | 0 | 1 | 0  | -2 | 0  | 1  | 1  | 2  | 1.296 | 1.296 | 112.70 | 3.200 | 2.470 |
| 125 | 1  | 3 | 3 | -3 | 1  | 0  | -3 | -1 | 2  | 1.296 | 1.613 | 91.74  | 3.616 | 2.790 |
| 126 | -4 | 5 | 6 | -4 | -2 | -1 | 2  | -2 | 3  | 1.298 | 1.369 | 108.19 | 1.963 | 1.513 |
| 127 | -5 | 1 | 1 | 0  | -2 | 2  | 1  | 3  | 2  | 1.305 | 1.576 | 94.78  | 2.177 | 1.668 |
| 128 | 3  | 1 | 1 | 1  | -1 | -2 | 0  | 2  | -2 | 1.309 | 1.354 | 70.32  | 2.851 | 2.177 |
| 129 | 3  | 1 | 5 | -3 | -1 | 2  | 4  | -2 | -2 | 1.314 | 1.325 | 111.68 | 2.790 | 2.123 |
| 130 | -3 | 5 | 5 | 0  | -2 | 2  | 5  | 3  | 0  | 1.314 | 1.350 | 110.13 | 2.177 | 1.657 |
| 131 | 6  | 3 | 5 | 3  | -1 | -3 | -2 | 4  | 0  | 1.314 | 1.371 | 108.85 | 2.044 | 1.555 |
| 132 | 6  | 2 | 3 | -1 | 3  | 0  | -2 | 0  | 4  | 1.323 | 1.634 | 91.70  | 2.106 | 1.592 |
| 133 | 3  | 2 | 4 | 0  | 2  | -1 | -4 | 2  | 2  | 1.327 | 1.336 | 68.44  | 2.817 | 2.123 |
| 134 | 1  | 5 | 1 | -2 | 0  | 2  | 5  | -1 | 0  | 1.330 | 1.621 | 93.05  | 3.235 | 2.432 |
| 135 | 4  | 5 | 6 | -4 | 2  | 1  | -2 | -2 | 3  | 1.330 | 1.531 | 99.23  | 2.372 | 1.783 |
| 136 | 2  | 3 | 2 | -2 | 0  | 2  | 2  | -2 | 1  | 1.332 | 1.363 | 69.91  | 3.235 | 2.429 |
| 137 | 5  | 6 | 6 | 0  | -2 | 2  | 6  | -2 | -3 | 1.337 | 1.638 | 92.24  | 2.177 | 1.629 |
| 138 | -1 | 2 | 2 | -2 | 0  | -1 | -2 | -2 | 1  | 1.338 | 1.627 | 93.09  | 3.729 | 2.788 |
| 139 | 1  | 0 | 6 | 0  | 2  | 0  | -6 | 0  | 1  | 1.340 | 1.672 | 90.00  | 3.200 | 2.389 |
| 140 | 6  | 2 | 5 | 1  | -3 | 0  | 3  | 1  | -4 | 1.344 | 1.459 | 104.59 | 2.106 | 1.567 |
| 141 | -3 | 5 | 3 | 2  | 0  | 2  | 3  | 3  | -2 | 1.351 | 1.433 | 106.58 | 2.375 | 1.757 |
| 142 | -3 | 1 | 2 | -1 | -1 | -1 | 0  | -2 | 1  | 1.354 | 1.544 | 80.48  | 3.814 | 2.817 |
| 143 | 2  | 0 | 5 | 0  | -2 | 0  | 5  | 1  | -2 | 1.358 | 1.358 | 111.60 | 3.200 | 2.356 |
| 144 | -3 | 6 | 4 | -4 | -2 | 0  | 0  | -2 | 3  | 1.362 | 1.572 | 81.93  | 2.293 | 1.684 |
| 145 | 3  | 5 | 2 | 1  | -1 | 1  | 3  | -1 | -2 | 1.367 | 1.608 | 95.97  | 3.814 | 2.790 |
| 146 | 4  | 5 | 2 | 2  | -2 | 1  | 4  | -2 | -3 | 1.379 | 1.526 | 77.97  | 2.429 | 1.761 |
| 147 | 6  | 3 | 4 | -2 | 0  | 3  | 2  | -4 | 0  | 1.382 | 1.685 | 88.56  | 2.148 | 1.555 |
| 148 | 6  | 1 | 4 | 2  | 0  | -3 | 0  | 4  | -1 | 1.390 | 1.498 | 75.64  | 2.148 | 1.545 |
| 149 | -6 | 1 | 3 | 1  | 3  | 1  | -1 | 3  | -3 | 1.391 | 1.454 | 72.82  | 1.946 | 1.399 |
| 150 | -4 | 2 | 1 | -1 | -1 | -2 | -1 | -3 | 2  | 1.394 | 1.589 | 98.63  | 2.470 | 1.772 |
| 151 | -2 | 1 | 5 | 3  | 1  | 1  | -1 | 3  | -1 | 1.396 | 1.686 | 87.84  | 2.717 | 1.946 |
| 152 | 6  | 2 | 1 | 1  | -3 | 0  | 1  | -1 | -4 | 1.401 | 1.563 | 79.31  | 2.106 | 1.503 |
| 153 | -5 | 3 | 6 | 0  | -2 | 1  | 3  | 1  | 2  | 1.412 | 1.620 | 82.52  | 2.817 | 1.996 |
| 154 | -5 | 2 | 2 | 0  | -2 | 2  | 2  | 2  | 3  | 1.439 | 1.481 | 72.22  | 2.177 | 1.513 |
| 155 | -4 | 3 | 2 | 2  | 2  | 1  | 0  | 2  | -3 | 1.442 | 1.693 | 94.21  | 2.429 | 1.684 |
| 156 | 0  | 1 | 1 | 2  | 0  | 0  | 1  | 1  | -1 | 1.445 | 1.724 | 87.68  | 6.574 | 4.550 |
| 157 | -4 | 5 | 5 | 0  | -2 | 2  | 5  | 3  | 1  | 1.450 | 1.654 | 97.28  | 2.177 | 1.501 |
| 158 | -5 | 3 | 3 | 0  | -2 | 2  | 3  | 3  | 2  | 1.455 | 1.758 | 90.47  | 2.177 | 1.497 |
| 159 | 6  | 1 | 1 | 0  | -2 | 2  | 1  | -3 | -3 | 1.460 | 1.734 | 92.47  | 2.177 | 1.491 |
| 160 | 6  | 5 | 4 | 2  | 0  | -3 | -4 | 4  | 1  | 1.473 | 1.619 | 100.78 | 2.148 | 1.458 |
| 161 | 6  | 5 | 5 | 0  | 2  | -2 | -5 | 3  | 3  | 1.486 | 1.717 | 84.95  | 2.177 | 1.465 |
| 162 | 1  | 3 | 2 | -2 | 0  | 1  | 1  | -1 | 1  | 1.488 | 1.570 | 75.39  | 5.677 | 3.814 |
| 163 | 3  | 0 | 2 | 0  | 2  | 0  | -2 | 0  | 3  | 1.490 | 1.794 | 90.00  | 3.200 | 2.148 |
| 164 | -3 | 6 | 5 | -4 | -2 | 0  | 3  | -1 | 3  | 1.492 | 1.538 | 106.77 | 2.293 | 1.537 |
| 165 | -1 | 1 | 2 | -1 | -1 | 0  | 1  | -1 | 1  | 1.509 | 1.543 | 72.74  | 5.755 | 3.814 |
| 166 | 4  | 6 | 1 | 1  | -1 | 2  | 5  | -3 | -2 | 1.513 | 1.711 | 83.12  | 2.470 | 1.632 |
| 167 | 3  | 0 | 4 | 0  | -2 | 0  | 4  | 0  | -3 | 1.518 | 1.817 | 90.00  | 3.200 | 2.109 |
| 168 | -1 | 4 | 6 | 2  | 2  | -1 | -6 | 0  | -1 | 1.521 | 1.730 | 96.05  | 2.788 | 1.832 |
| 169 | -6 | 2 | 1 | -1 | -3 | 0  | 1  | 1  | 4  | 1.525 | 1.563 | 106.81 | 2.106 | 1.381 |
| 170 | 3  | 1 | 3 | -2 | 0  | 2  | 1  | -3 | 0  | 1.536 | 1.825 | 90.53  | 3.235 | 2.106 |
| 171 | -4 | 1 | 4 | 2  | 0  | 2  | 0  | 4  | -1 | 1.537 | 1.615 | 104.20 | 2.375 | 1.545 |

|     |    |   |   |    |    |    |    |    |    |       |       |        |       |       |
|-----|----|---|---|----|----|----|----|----|----|-------|-------|--------|-------|-------|
| 172 | -4 | 3 | 4 | -2 | 0  | -2 | -2 | -4 | 1  | 1.542 | 1.765 | 94.89  | 2.375 | 1.540 |
| 173 | -1 | 4 | 1 | 3  | 1  | -1 | -2 | 0  | -2 | 1.546 | 1.830 | 89.24  | 3.672 | 2.375 |
| 174 | -6 | 1 | 1 | 0  | -2 | 2  | 1  | 3  | 3  | 1.557 | 1.762 | 84.11  | 2.177 | 1.399 |
| 175 | 1  | 1 | 4 | 1  | -1 | 0  | 3  | 1  | -1 | 1.567 | 1.628 | 104.90 | 5.755 | 3.672 |
| 176 | -1 | 5 | 6 | 1  | -1 | 1  | 5  | 1  | 0  | 1.568 | 1.608 | 73.81  | 3.814 | 2.432 |
| 177 | -3 | 1 | 4 | -1 | 1  | -1 | -2 | -2 | -1 | 1.571 | 1.811 | 86.61  | 3.814 | 2.429 |
| 178 | -6 | 2 | 3 | -1 | -3 | 0  | 2  | 0  | 4  | 1.573 | 1.786 | 95.18  | 2.106 | 1.339 |
| 179 | 4  | 2 | 5 | -3 | 1  | 2  | -1 | -3 | 2  | 1.574 | 1.795 | 85.31  | 2.790 | 1.772 |
| 180 | 4  | 1 | 2 | 0  | 2  | -1 | -2 | 2  | 3  | 1.580 | 1.770 | 83.39  | 2.817 | 1.783 |
| 181 | 4  | 1 | 6 | 2  | -2 | -1 | 4  | 2  | -3 | 1.583 | 1.799 | 94.92  | 2.788 | 1.761 |
| 182 | -4 | 2 | 3 | 1  | -1 | 2  | 2  | 4  | 0  | 1.589 | 1.650 | 104.60 | 2.470 | 1.555 |
| 183 | -1 | 0 | 5 | 0  | -2 | 0  | 5  | 1  | 1  | 1.595 | 1.595 | 108.27 | 3.200 | 2.006 |
| 184 | 3  | 1 | 2 | 1  | -1 | -1 | 1  | 1  | -2 | 1.596 | 1.615 | 72.88  | 4.550 | 2.851 |
| 185 | 1  | 2 | 5 | -3 | -1 | 1  | 4  | -2 | 0  | 1.602 | 1.887 | 90.07  | 3.672 | 2.293 |
| 186 | -2 | 0 | 3 | 0  | -2 | 0  | 3  | 1  | 2  | 1.603 | 1.603 | 108.17 | 3.200 | 1.996 |
| 187 | 1  | 6 | 1 | -2 | 0  | 2  | 5  | -1 | 1  | 1.612 | 1.664 | 75.08  | 3.235 | 2.006 |
| 188 | 3  | 0 | 1 | 0  | -2 | 0  | 1  | -1 | -3 | 1.614 | 1.614 | 71.96  | 3.200 | 1.982 |
| 189 | 1  | 3 | 0 | 0  | 0  | -1 | -3 | 1  | 1  | 1.618 | 1.643 | 106.48 | 5.942 | 3.672 |
| 190 | -5 | 4 | 4 | 0  | -2 | 2  | 4  | 4  | 1  | 1.618 | 1.640 | 106.65 | 2.177 | 1.346 |
| 191 | 4  | 2 | 3 | -1 | -1 | 2  | 3  | -3 | -2 | 1.622 | 1.834 | 94.76  | 2.851 | 1.757 |
| 192 | 1  | 4 | 4 | 4  | 0  | -1 | 0  | 2  | -2 | 1.624 | 1.801 | 83.02  | 3.535 | 2.177 |
| 193 | -3 | 4 | 2 | -2 | -2 | 1  | 2  | 0  | 3  | 1.624 | 1.730 | 78.57  | 2.788 | 1.717 |
| 194 | -4 | 5 | 4 | -2 | 0  | -2 | -4 | -4 | 1  | 1.629 | 1.851 | 85.98  | 2.375 | 1.458 |
| 195 | 3  | 1 | 4 | 1  | 1  | -1 | -3 | 1  | 2  | 1.631 | 1.632 | 107.77 | 4.550 | 2.790 |
| 196 | 2  | 5 | 2 | -2 | 0  | 2  | 4  | -2 | 1  | 1.647 | 1.690 | 74.90  | 3.235 | 1.963 |
| 197 | 4  | 3 | 2 | 2  | -2 | -1 | 0  | 2  | -3 | 1.655 | 1.751 | 101.74 | 2.788 | 1.684 |
| 198 | -1 | 3 | 3 | -3 | -1 | 0  | 0  | -2 | 2  | 1.661 | 1.812 | 81.77  | 3.616 | 2.177 |
| 199 | 3  | 2 | 3 | 2  | 0  | -2 | -1 | 3  | -1 | 1.662 | 1.679 | 73.51  | 3.235 | 1.946 |
| 200 | -1 | 2 | 3 | 1  | -1 | 1  | 4  | 2  | 0  | 1.663 | 1.901 | 92.64  | 3.814 | 2.293 |
| 201 | 3  | 0 | 5 | 0  | 2  | 0  | -5 | 1  | 3  | 1.665 | 1.665 | 72.52  | 3.200 | 1.922 |
| 202 | -1 | 2 | 1 | -1 | -1 | 1  | 3  | 1  | 1  | 1.674 | 1.916 | 92.28  | 4.550 | 2.717 |
| 203 | 5  | 6 | 2 | 2  | -2 | 1  | 4  | -2 | -4 | 1.682 | 1.926 | 87.95  | 2.429 | 1.443 |
| 204 | 2  | 3 | 3 | -3 | 1  | 1  | 0  | -2 | 2  | 1.687 | 1.797 | 100.52 | 3.672 | 2.177 |
| 205 | -6 | 2 | 5 | -1 | -3 | 0  | 3  | -1 | 4  | 1.701 | 1.892 | 84.70  | 2.106 | 1.238 |
| 206 | 1  | 4 | 3 | 1  | -1 | 1  | 6  | 0  | -2 | 1.701 | 1.962 | 90.74  | 3.814 | 2.242 |
| 207 | 1  | 3 | 5 | -3 | 1  | 0  | -4 | -2 | 2  | 1.703 | 1.907 | 94.43  | 3.616 | 2.123 |
| 208 | 4  | 2 | 1 | 1  | -1 | -2 | -1 | 3  | -2 | 1.709 | 1.834 | 80.62  | 2.851 | 1.668 |
| 209 | -3 | 5 | 1 | -1 | -1 | 2  | 5  | 3  | 0  | 1.721 | 1.769 | 103.96 | 2.851 | 1.657 |
| 210 | -5 | 3 | 1 | -1 | -1 | -2 | -2 | -4 | 2  | 1.722 | 1.973 | 88.75  | 2.470 | 1.434 |
| 211 | 2  | 1 | 5 | 3  | -1 | -1 | 4  | 2  | -2 | 1.729 | 1.813 | 78.23  | 3.672 | 2.123 |
| 212 | 4  | 3 | 6 | 0  | 2  | -1 | -6 | 2  | 3  | 1.730 | 1.818 | 78.53  | 2.817 | 1.629 |
| 213 | 1  | 2 | 3 | -1 | -1 | 1  | 5  | -1 | -1 | 1.740 | 1.984 | 91.49  | 4.550 | 2.615 |
| 214 | -1 | 0 | 6 | 0  | -2 | 0  | 6  | 0  | 1  | 1.746 | 2.012 | 90.00  | 3.200 | 1.832 |
| 215 | -3 | 2 | 4 | 0  | -2 | 1  | 4  | 2  | 2  | 1.749 | 1.932 | 95.36  | 2.817 | 1.611 |
| 216 | -2 | 1 | 1 | -1 | -1 | -1 | 0  | -2 | 2  | 1.752 | 1.883 | 98.62  | 3.814 | 2.177 |
| 217 | -1 | 4 | 2 | -2 | 0  | -1 | -4 | -2 | 2  | 1.756 | 1.948 | 94.71  | 3.729 | 2.123 |
| 218 | -3 | 1 | 6 | -2 | 0  | -1 | -1 | -3 | 0  | 1.771 | 1.916 | 82.47  | 3.729 | 2.106 |
| 219 | -2 | 3 | 6 | 0  | -2 | 1  | 6  | 2  | 1  | 1.772 | 1.878 | 99.98  | 2.817 | 1.590 |
| 220 | 1  | 0 | 2 | 2  | 0  | -1 | 0  | 2  | 0  | 1.774 | 2.036 | 90.00  | 5.677 | 3.200 |
| 221 | 1  | 1 | 1 | 1  | -1 | 0  | 2  | 0  | -2 | 1.779 | 2.019 | 88.56  | 5.755 | 3.235 |
| 222 | 2  | 3 | 1 | 1  | -1 | 1  | 4  | -2 | -2 | 1.796 | 1.866 | 78.07  | 3.814 | 2.123 |
| 223 | -3 | 0 | 1 | 0  | -2 | 0  | 1  | 1  | 3  | 1.798 | 1.798 | 106.14 | 3.200 | 1.780 |
| 224 | -5 | 4 | 2 | 2  | 2  | 1  | 0  | 2  | -4 | 1.803 | 1.893 | 100.66 | 2.429 | 1.347 |
| 225 | -5 | 6 | 6 | 0  | -2 | 2  | 6  | 4  | 1  | 1.807 | 1.879 | 101.71 | 2.177 | 1.205 |
| 226 | -1 | 5 | 4 | -1 | -1 | 1  | 4  | 0  | 1  | 1.830 | 1.870 | 76.58  | 4.550 | 2.487 |
| 227 | -4 | 1 | 6 | -2 | -2 | -1 | 4  | -2 | 3  | 1.830 | 1.830 | 105.84 | 2.429 | 1.327 |
| 228 | 1  | 0 | 0 | 0  | 0  | 1  | 0  | -2 | 0  | 1.857 | 2.109 | 90.00  | 5.942 | 3.200 |
| 229 | -2 | 5 | 6 | -2 | -2 | 1  | 6  | 0  | 2  | 1.858 | 2.100 | 90.61  | 2.788 | 1.501 |
| 230 | 3  | 4 | 3 | -2 | 0  | 2  | 3  | -3 | 1  | 1.860 | 1.890 | 76.21  | 3.235 | 1.739 |
| 231 | -5 | 1 | 3 | -1 | 1  | -2 | -2 | -4 | -2 | 1.861 | 1.939 | 79.07  | 2.470 | 1.327 |
| 232 | -4 | 1 | 2 | 0  | -2 | 1  | 2  | 2  | 3  | 1.863 | 2.105 | 90.60  | 2.817 | 1.513 |

|     |    |   |   |    |    |    |    |    |    |       |       |        |       |       |
|-----|----|---|---|----|----|----|----|----|----|-------|-------|--------|-------|-------|
| 233 | 4  | 6 | 3 | -3 | 1  | 2  | 3  | -3 | 2  | 1.864 | 2.071 | 92.87  | 2.790 | 1.497 |
| 234 | -5 | 1 | 5 | 2  | 0  | 2  | 1  | 5  | 0  | 1.864 | 2.057 | 86.22  | 2.375 | 1.274 |
| 235 | -3 | 0 | 2 | 0  | -2 | 0  | 2  | 0  | 3  | 1.864 | 2.115 | 90.00  | 3.200 | 1.717 |
| 236 | 1  | 5 | 6 | -1 | -1 | 1  | 5  | -1 | 0  | 1.870 | 1.905 | 76.54  | 4.550 | 2.432 |
| 237 | -5 | 2 | 5 | -2 | 0  | -2 | -1 | -5 | 1  | 1.891 | 2.017 | 97.73  | 2.375 | 1.256 |
| 238 | -3 | 4 | 5 | 3  | 1  | 1  | 2  | 4  | -2 | 1.895 | 1.943 | 77.56  | 2.717 | 1.434 |
| 239 | -4 | 6 | 5 | 1  | -1 | 2  | 6  | 4  | 0  | 1.911 | 2.152 | 90.30  | 2.470 | 1.292 |
| 240 | -6 | 5 | 5 | 0  | -2 | 2  | 5  | 3  | 3  | 1.914 | 1.989 | 79.36  | 2.177 | 1.138 |
| 241 | -5 | 4 | 5 | -2 | 0  | -2 | -3 | -5 | 1  | 1.929 | 2.169 | 90.25  | 2.375 | 1.231 |
| 242 | 5  | 2 | 6 | -2 | 2  | 1  | -4 | -2 | 4  | 1.931 | 2.173 | 89.86  | 2.788 | 1.443 |
| 243 | -5 | 3 | 5 | 2  | 0  | 2  | 3  | 5  | 0  | 1.933 | 2.000 | 79.01  | 2.375 | 1.229 |
| 244 | -3 | 5 | 6 | -2 | 0  | -1 | -3 | -3 | 1  | 1.936 | 2.104 | 85.27  | 3.729 | 1.926 |
| 245 | 5  | 2 | 4 | 0  | -2 | 1  | 4  | -2 | -4 | 1.952 | 2.176 | 88.89  | 2.817 | 1.443 |
| 246 | 3  | 5 | 3 | -2 | 0  | 2  | 5  | -3 | 0  | 1.952 | 2.161 | 92.08  | 3.235 | 1.657 |
| 247 | 4  | 6 | 5 | -1 | -1 | 2  | 7  | -3 | -2 | 1.961 | 2.197 | 89.72  | 2.851 | 1.453 |
| 248 | -2 | 0 | 5 | 0  | -2 | 0  | 5  | 1  | 2  | 1.984 | 1.984 | 104.60 | 3.200 | 1.613 |
| 249 | 5  | 1 | 3 | 1  | 1  | -2 | -2 | 4  | 2  | 1.988 | 2.212 | 89.20  | 2.851 | 1.434 |
| 250 | -5 | 6 | 5 | -2 | 0  | -2 | -5 | -5 | 1  | 2.032 | 2.158 | 83.30  | 2.375 | 1.169 |
| 251 | 4  | 0 | 3 | 0  | 2  | 0  | -3 | 1  | 4  | 2.042 | 2.042 | 75.82  | 3.200 | 1.567 |
| 252 | 2  | 5 | 1 | -3 | 1  | 1  | 1  | -1 | 3  | 2.064 | 2.279 | 89.12  | 3.672 | 1.780 |
| 253 | 4  | 0 | 5 | 0  | -2 | 0  | 5  | -1 | -4 | 2.069 | 2.069 | 76.01  | 3.200 | 1.547 |
| 254 | 5  | 4 | 2 | 2  | -2 | -1 | 0  | 2  | -4 | 2.069 | 2.211 | 95.43  | 2.788 | 1.347 |
| 255 | -5 | 2 | 6 | 2  | 2  | 1  | -2 | 4  | -3 | 2.075 | 2.181 | 82.43  | 2.429 | 1.170 |
| 256 | -4 | 5 | 2 | -2 | -2 | 1  | 2  | 0  | 4  | 2.082 | 2.100 | 77.17  | 2.788 | 1.339 |
| 257 | -6 | 4 | 1 | -1 | -1 | -2 | -3 | -5 | 2  | 2.088 | 2.189 | 82.18  | 2.470 | 1.183 |
| 258 | 1  | 5 | 2 | -2 | 0  | 1  | 3  | -1 | 1  | 2.089 | 2.298 | 91.12  | 5.677 | 2.717 |
| 259 | 2  | 1 | 1 | 1  | -1 | -1 | 0  | 2  | -2 | 2.090 | 2.295 | 91.36  | 4.550 | 2.177 |
| 260 | 4  | 1 | 4 | -2 | 0  | 2  | 0  | -4 | 1  | 2.094 | 2.100 | 76.58  | 3.235 | 1.545 |
| 261 | 1  | 6 | 4 | 4  | 0  | -1 | 0  | 2  | -3 | 2.099 | 2.194 | 81.89  | 3.535 | 1.684 |
| 262 | -1 | 1 | 4 | -1 | -1 | 0  | 3  | -1 | 1  | 2.118 | 2.314 | 88.25  | 5.755 | 2.717 |
| 263 | 4  | 0 | 1 | 0  | -2 | 0  | 1  | -1 | -4 | 2.129 | 2.129 | 76.42  | 3.200 | 1.503 |
| 264 | 2  | 1 | 3 | 1  | 1  | -1 | -4 | 2  | 2  | 2.143 | 2.362 | 90.17  | 4.550 | 2.123 |
| 265 | 5  | 3 | 1 | 1  | -1 | -2 | -2 | 4  | -2 | 2.148 | 2.320 | 86.90  | 2.851 | 1.327 |
| 266 | -6 | 5 | 2 | 2  | 2  | 1  | 2  | 4  | -4 | 2.152 | 2.180 | 78.22  | 2.429 | 1.128 |
| 267 | -5 | 3 | 2 | -1 | -1 | -1 | -1 | -3 | 2  | 2.152 | 2.265 | 83.30  | 3.814 | 1.772 |
| 268 | -1 | 3 | 5 | 3  | 1  | 0  | -1 | 3  | -2 | 2.167 | 2.244 | 81.24  | 3.616 | 1.668 |
| 269 | -4 | 6 | 1 | -1 | -1 | 2  | 5  | 3  | 2  | 2.171 | 2.206 | 78.77  | 2.851 | 1.313 |
| 270 | -2 | 1 | 3 | -1 | 1  | -1 | -3 | -3 | -1 | 2.194 | 2.367 | 92.71  | 3.814 | 1.739 |
| 271 | -3 | 0 | 4 | 0  | -2 | 0  | 4  | 0  | 3  | 2.194 | 2.411 | 90.00  | 3.200 | 1.459 |
| 272 | 4  | 3 | 4 | 2  | 0  | -2 | -2 | 4  | -1 | 2.200 | 2.219 | 77.99  | 3.235 | 1.470 |
| 273 | 1  | 1 | 6 | 1  | -1 | 0  | 5  | 1  | -1 | 2.201 | 2.409 | 90.52  | 5.755 | 2.615 |
| 274 | 2  | 5 | 3 | 1  | -1 | 1  | 7  | -1 | -3 | 2.251 | 2.461 | 89.87  | 3.814 | 1.695 |
| 275 | -6 | 1 | 6 | 2  | 0  | 2  | 0  | 6  | -1 | 2.262 | 2.316 | 99.60  | 2.375 | 1.050 |
| 276 | 2  | 6 | 1 | -3 | 1  | 0  | -2 | 0  | 4  | 2.272 | 2.338 | 98.81  | 3.616 | 1.592 |
| 277 | 1  | 5 | 0 | 0  | 0  | -1 | -5 | 1  | 1  | 2.272 | 2.443 | 92.48  | 5.942 | 2.615 |
| 278 | -3 | 5 | 2 | -1 | -1 | 1  | 3  | 1  | 2  | 2.280 | 2.317 | 79.54  | 4.550 | 1.996 |
| 279 | -5 | 1 | 4 | 1  | 1  | 1  | -1 | 3  | -2 | 2.286 | 2.469 | 91.65  | 3.814 | 1.668 |
| 280 | -1 | 6 | 2 | -2 | 0  | -1 | -6 | -2 | 3  | 2.290 | 2.410 | 95.43  | 3.729 | 1.629 |
| 281 | 0  | 2 | 1 | 2  | 0  | 0  | 1  | 1  | -2 | 2.306 | 2.356 | 99.56  | 6.574 | 2.851 |
| 282 | 2  | 6 | 3 | -3 | 1  | 0  | -3 | -1 | 4  | 2.307 | 2.333 | 101.00 | 3.616 | 1.567 |
| 283 | -4 | 0 | 1 | 0  | -2 | 0  | 1  | 1  | 4  | 2.317 | 2.317 | 102.46 | 3.200 | 1.381 |
| 284 | -6 | 5 | 6 | -2 | 0  | -2 | -4 | -6 | 1  | 2.326 | 2.486 | 87.18  | 2.375 | 1.021 |
| 285 | -1 | 1 | 1 | -1 | -1 | 0  | 1  | -1 | 2  | 2.330 | 2.423 | 83.13  | 5.755 | 2.470 |
| 286 | 0  | 1 | 2 | -2 | 0  | 0  | 0  | -2 | 1  | 2.333 | 2.358 | 100.91 | 6.574 | 2.817 |
| 287 | 1  | 2 | 2 | -2 | 0  | 1  | 2  | -2 | 1  | 2.338 | 2.476 | 85.90  | 5.677 | 2.429 |
| 288 | -1 | 6 | 3 | -3 | -1 | 1  | 3  | -1 | 3  | 2.389 | 2.447 | 81.34  | 3.672 | 1.537 |
| 289 | -2 | 1 | 4 | -2 | 0  | -1 | -2 | -4 | 0  | 2.399 | 2.414 | 78.85  | 3.729 | 1.555 |
| 290 | 6  | 1 | 2 | 0  | 2  | -1 | -2 | 2  | 5  | 2.402 | 2.497 | 96.41  | 2.817 | 1.173 |
| 291 | 4  | 5 | 4 | -2 | 0  | 2  | 4  | -4 | 1  | 2.404 | 2.433 | 79.71  | 3.235 | 1.346 |
| 292 | -2 | 6 | 1 | 3  | 1  | 0  | 1  | 1  | -4 | 2.406 | 2.505 | 96.09  | 3.616 | 1.503 |
| 293 | -3 | 0 | 5 | 0  | -2 | 0  | 5  | 1  | 3  | 2.431 | 2.431 | 101.87 | 3.200 | 1.316 |

|     |    |   |   |    |    |    |    |    |    |       |       |        |       |       |
|-----|----|---|---|----|----|----|----|----|----|-------|-------|--------|-------|-------|
| 294 | -4 | 3 | 6 | 0  | -2 | 1  | 6  | 2  | 3  | 2.431 | 2.574 | 86.64  | 2.817 | 1.159 |
| 295 | -6 | 4 | 5 | 1  | -1 | 2  | 5  | 5  | 2  | 2.433 | 2.434 | 78.22  | 2.470 | 1.015 |
| 296 | 1  | 1 | 3 | 1  | -1 | 0  | 5  | 1  | -2 | 2.443 | 2.567 | 94.44  | 5.755 | 2.356 |
| 297 | 3  | 4 | 5 | -3 | 1  | 1  | -1 | -3 | 3  | 2.463 | 2.544 | 96.92  | 3.672 | 1.491 |
| 298 | 5  | 0 | 4 | 0  | 2  | 0  | -4 | 0  | 5  | 2.471 | 2.666 | 90.00  | 3.200 | 1.295 |
| 299 | 2  | 6 | 5 | -3 | 1  | 0  | -7 | -1 | 4  | 2.492 | 2.505 | 79.19  | 3.616 | 1.451 |
| 300 | 6  | 4 | 5 | -1 | -1 | 2  | 5  | -5 | -2 | 2.495 | 2.561 | 82.30  | 2.851 | 1.143 |
| 301 | 5  | 0 | 6 | 0  | -2 | 0  | 6  | 0  | -5 | 2.499 | 2.692 | 90.00  | 3.200 | 1.280 |
| 302 | 6  | 5 | 2 | 2  | -2 | -1 | 0  | 2  | -5 | 2.502 | 2.674 | 91.26  | 2.788 | 1.114 |
| 303 | -5 | 6 | 2 | -2 | -2 | 1  | 4  | 2  | 4  | 2.504 | 2.545 | 99.12  | 2.788 | 1.113 |
| 304 | 1  | 2 | 0 | 0  | 0  | -1 | -4 | 2  | 1  | 2.504 | 2.591 | 96.39  | 5.942 | 2.372 |
| 305 | -5 | 2 | 4 | 0  | -2 | 1  | 4  | 2  | 4  | 2.531 | 2.614 | 83.50  | 2.817 | 1.113 |
| 306 | 5  | 0 | 2 | 0  | 2  | 0  | -2 | 0  | 5  | 2.538 | 2.728 | 90.00  | 3.200 | 1.261 |
| 307 | 5  | 1 | 5 | -2 | 0  | 2  | 1  | -5 | 0  | 2.539 | 2.724 | 90.32  | 3.235 | 1.274 |
| 308 | 5  | 0 | 3 | 0  | -2 | 0  | 3  | -1 | -5 | 2.543 | 2.543 | 78.66  | 3.200 | 1.259 |
| 309 | -5 | 1 | 6 | 1  | -1 | 1  | 3  | 3  | 2  | 2.548 | 2.594 | 81.36  | 3.814 | 1.497 |
| 310 | 5  | 1 | 4 | 1  | -1 | -1 | 2  | 2  | -3 | 2.551 | 2.567 | 79.63  | 4.550 | 1.783 |
| 311 | -3 | 2 | 1 | -1 | -1 | -1 | -1 | -3 | 3  | 2.558 | 2.660 | 95.28  | 3.814 | 1.491 |
| 312 | -2 | 3 | 4 | -2 | 0  | -1 | -4 | -4 | 1  | 2.559 | 2.601 | 81.19  | 3.729 | 1.458 |
| 313 | 5  | 1 | 6 | -1 | -1 | 1  | 4  | -2 | -3 | 2.584 | 2.589 | 100.87 | 4.550 | 1.761 |
| 314 | -4 | 0 | 3 | 0  | -2 | 0  | 3  | 1  | 4  | 2.584 | 2.584 | 101.16 | 3.200 | 1.238 |
| 315 | -1 | 4 | 5 | 1  | -1 | 1  | 7  | 3  | -1 | 2.587 | 2.609 | 99.85  | 3.814 | 1.474 |
| 316 | 3  | 4 | 1 | 1  | -1 | 1  | 5  | -3 | -3 | 2.604 | 2.642 | 81.19  | 3.814 | 1.465 |
| 317 | 6  | 4 | 1 | 1  | -1 | -2 | -3 | 5  | -2 | 2.608 | 2.776 | 91.02  | 2.851 | 1.093 |
| 318 | 5  | 2 | 5 | 2  | 0  | -2 | -1 | 5  | -1 | 2.617 | 2.628 | 79.62  | 3.235 | 1.236 |
| 319 | 1  | 6 | 5 | 1  | -1 | 1  | 9  | 1  | -3 | 2.620 | 2.663 | 98.52  | 3.814 | 1.456 |
| 320 | 5  | 3 | 5 | -2 | 0  | 2  | 3  | -5 | 0  | 2.633 | 2.801 | 90.92  | 3.235 | 1.229 |
| 321 | 5  | 0 | 1 | 0  | -2 | 0  | 1  | -1 | -5 | 2.653 | 2.653 | 79.14  | 3.200 | 1.206 |
| 322 | 3  | 3 | 2 | 1  | -1 | 0  | 2  | 0  | -3 | 2.679 | 2.816 | 92.66  | 5.755 | 2.148 |
| 323 | -2 | 6 | 3 | 3  | 1  | 0  | 0  | 2  | -4 | 2.684 | 2.807 | 93.48  | 3.616 | 1.347 |
| 324 | 3  | 1 | 6 | 2  | 0  | -1 | -1 | 3  | 0  | 2.696 | 2.802 | 94.43  | 5.677 | 2.106 |
| 325 | 5  | 3 | 2 | 1  | -1 | -1 | 0  | 2  | -3 | 2.702 | 2.727 | 80.82  | 4.550 | 1.684 |
| 326 | -6 | 1 | 2 | 0  | -2 | 1  | 2  | 2  | 5  | 2.719 | 2.744 | 80.90  | 2.817 | 1.036 |
| 327 | 3  | 3 | 4 | 1  | -1 | 0  | 4  | 0  | -3 | 2.729 | 2.816 | 84.56  | 5.755 | 2.109 |
| 328 | 5  | 4 | 5 | 2  | 0  | -2 | -3 | 5  | -1 | 2.747 | 2.768 | 80.71  | 3.235 | 1.177 |
| 329 | 3  | 1 | 0 | 0  | 0  | 1  | 1  | -3 | 0  | 2.822 | 2.933 | 86.34  | 5.942 | 2.106 |
| 330 | -2 | 3 | 1 | -1 | -1 | 1  | 4  | 2  | 2  | 2.824 | 2.960 | 92.14  | 4.550 | 1.611 |
| 331 | -5 | 0 | 1 | 0  | -2 | 0  | 1  | 1  | 5  | 2.843 | 2.843 | 100.13 | 3.200 | 1.125 |
| 332 | -2 | 5 | 4 | 2  | 0  | 1  | 6  | 4  | -2 | 2.864 | 2.926 | 83.59  | 3.729 | 1.302 |
| 333 | -1 | 1 | 6 | -1 | -1 | 0  | 5  | -1 | 1  | 2.868 | 2.931 | 96.37  | 5.755 | 2.006 |
| 334 | -1 | 4 | 3 | -1 | -1 | 1  | 7  | 1  | 1  | 2.905 | 3.032 | 92.42  | 4.550 | 1.566 |
| 335 | -4 | 0 | 5 | 0  | -2 | 0  | 5  | 1  | 4  | 2.909 | 2.909 | 99.90  | 3.200 | 1.100 |
| 336 | -5 | 0 | 2 | 0  | -2 | 0  | 2  | 0  | 5  | 2.921 | 3.088 | 90.00  | 3.200 | 1.095 |
| 337 | 2  | 3 | 5 | -1 | -1 | 1  | 8  | -2 | -2 | 2.940 | 3.086 | 91.22  | 4.550 | 1.547 |
| 338 | -2 | 3 | 5 | 1  | -1 | 1  | 6  | 4  | 0  | 2.952 | 2.962 | 99.16  | 3.814 | 1.292 |
| 339 | 5  | 6 | 5 | -2 | 0  | 2  | 5  | -5 | 1  | 2.955 | 2.983 | 81.92  | 3.235 | 1.095 |
| 340 | 1  | 4 | 5 | -1 | -1 | 1  | 9  | -1 | -1 | 2.981 | 3.112 | 91.95  | 4.550 | 1.526 |
| 341 | 6  | 0 | 5 | 0  | 2  | 0  | -5 | 1  | 6  | 3.006 | 3.006 | 80.42  | 3.200 | 1.065 |
| 342 | -2 | 6 | 5 | 3  | 1  | 0  | -1 | 3  | -4 | 3.068 | 3.204 | 91.32  | 3.616 | 1.179 |
| 343 | 6  | 1 | 6 | -2 | 0  | 2  | 0  | -6 | 1  | 3.081 | 3.086 | 80.93  | 3.235 | 1.050 |
| 344 | -5 | 0 | 3 | 0  | -2 | 0  | 3  | 1  | 5  | 3.099 | 3.099 | 99.28  | 3.200 | 1.033 |
| 345 | 6  | 0 | 1 | 0  | -2 | 0  | 1  | -1 | -6 | 3.182 | 3.182 | 80.96  | 3.200 | 1.006 |
| 346 | 0  | 3 | 1 | 2  | 0  | 0  | 3  | 1  | -3 | 3.217 | 3.317 | 86.88  | 6.574 | 2.044 |
| 347 | -3 | 3 | 2 | -1 | -1 | 0  | 1  | -1 | 3  | 3.234 | 3.352 | 88.06  | 5.755 | 1.780 |
| 348 | 0  | 1 | 3 | -2 | 0  | 0  | -1 | -3 | 1  | 3.245 | 3.378 | 88.97  | 6.574 | 2.026 |
| 349 | 3  | 2 | 1 | 1  | -1 | -1 | -1 | 3  | -3 | 3.253 | 3.377 | 91.56  | 4.550 | 1.399 |
| 350 | 3  | 5 | 6 | -2 | 0  | 1  | 3  | -3 | 1  | 3.265 | 3.403 | 90.72  | 5.677 | 1.739 |
| 351 | 3  | 2 | 5 | 1  | 1  | -1 | -7 | 3  | 3  | 3.354 | 3.493 | 90.40  | 4.550 | 1.356 |
| 352 | -4 | 3 | 1 | -1 | -1 | -1 | -2 | -4 | 4  | 3.380 | 3.465 | 93.53  | 3.814 | 1.128 |
| 353 | 4  | 5 | 1 | 1  | -1 | 1  | 6  | -4 | -4 | 3.426 | 3.448 | 82.86  | 3.814 | 1.113 |
| 354 | 3  | 5 | 0 | 0  | 0  | -1 | -5 | 3  | 1  | 3.473 | 3.586 | 91.62  | 5.942 | 1.711 |

|     |    |   |   |    |    |    |     |    |    |       |       |       |       |       |
|-----|----|---|---|----|----|----|-----|----|----|-------|-------|-------|-------|-------|
| 355 | -3 | 2 | 5 | -1 | 1  | -1 | -5  | -5 | -1 | 3.484 | 3.485 | 98.20 | 3.814 | 1.095 |
| 356 | 1  | 4 | 2 | -2 | 0  | 1  | 4   | -2 | 2  | 3.523 | 3.570 | 84.55 | 5.677 | 1.611 |
| 357 | -3 | 2 | 6 | -2 | 0  | -1 | -2  | -6 | 1  | 3.558 | 3.676 | 91.16 | 3.729 | 1.048 |
| 358 | -1 | 1 | 3 | -1 | -1 | 0  | 5   | -1 | 2  | 3.568 | 3.572 | 97.85 | 5.755 | 1.613 |
| 359 | 2  | 2 | 1 | 1  | -1 | 0  | 2   | 0  | -4 | 3.615 | 3.672 | 94.66 | 5.755 | 1.592 |
| 360 | -4 | 1 | 3 | -1 | -1 | -1 | 1   | -5 | 3  | 3.622 | 3.715 | 87.50 | 3.814 | 1.053 |
| 361 | 2  | 1 | 4 | 2  | 0  | -1 | -2  | 4  | 0  | 3.652 | 3.674 | 96.55 | 5.677 | 1.555 |
| 362 | 0  | 3 | 2 | -2 | 0  | 0  | -2  | -2 | 3  | 3.686 | 3.734 | 95.05 | 6.574 | 1.783 |
| 363 | 0  | 2 | 3 | 2  | 0  | 0  | 1   | 3  | -2 | 3.710 | 3.741 | 95.93 | 6.574 | 1.772 |
| 364 | 2  | 2 | 3 | 1  | -1 | 0  | 6   | 0  | -4 | 3.713 | 3.720 | 82.69 | 5.755 | 1.550 |
| 365 | 1  | 1 | 5 | 1  | -1 | 0  | 8   | 2  | -2 | 3.719 | 3.740 | 96.53 | 5.755 | 1.547 |
| 366 | -3 | 3 | 4 | -1 | -1 | 0  | 3   | -1 | 3  | 3.744 | 3.804 | 94.19 | 5.755 | 1.537 |
| 367 | 2  | 1 | 0 | 0  | 0  | 1  | 2   | -4 | 0  | 3.822 | 3.858 | 84.59 | 5.942 | 1.555 |
| 368 | 1  | 4 | 0 | 0  | 0  | -1 | -8  | 2  | 1  | 3.825 | 3.840 | 83.35 | 5.942 | 1.553 |
| 369 | -2 | 5 | 3 | -1 | -1 | 1  | 8   | 2  | 2  | 3.926 | 4.011 | 92.36 | 4.550 | 1.159 |
| 370 | -3 | 4 | 1 | -1 | -1 | 1  | 5   | 3  | 3  | 3.999 | 4.087 | 92.07 | 4.550 | 1.138 |
| 371 | 4  | 1 | 3 | 1  | -1 | -1 | 2   | 4  | -4 | 4.032 | 4.137 | 91.01 | 4.550 | 1.128 |
| 372 | 4  | 1 | 5 | 1  | 1  | -1 | -6  | 4  | 4  | 4.087 | 4.204 | 89.79 | 4.550 | 1.113 |
| 373 | -2 | 2 | 1 | -1 | -1 | 0  | 1   | -1 | 4  | 4.167 | 4.271 | 90.82 | 5.755 | 1.381 |
| 374 | 0  | 4 | 1 | 2  | 0  | 0  | 3   | 1  | -4 | 4.195 | 4.250 | 93.64 | 6.574 | 1.567 |
| 375 | 2  | 3 | 4 | -2 | 0  | 1  | 4   | -4 | 1  | 4.219 | 4.278 | 93.39 | 5.677 | 1.346 |
| 376 | -1 | 6 | 5 | -1 | -1 | 1  | 11  | 1  | 1  | 4.232 | 4.307 | 92.42 | 4.550 | 1.075 |
| 377 | 0  | 1 | 4 | -2 | 0  | 0  | 0   | -4 | 1  | 4.255 | 4.269 | 95.96 | 6.574 | 1.545 |
| 378 | 2  | 2 | 5 | 1  | -1 | 0  | 9   | 1  | -4 | 4.376 | 4.436 | 86.87 | 5.755 | 1.315 |
| 379 | 4  | 3 | 1 | 1  | -1 | -1 | -2  | 4  | -4 | 4.432 | 4.515 | 91.64 | 4.550 | 1.027 |
| 380 | 5  | 5 | 4 | 1  | -1 | 0  | 4   | 0  | -5 | 4.444 | 4.538 | 91.03 | 5.755 | 1.295 |
| 381 | 2  | 3 | 0 | 0  | 0  | -1 | -6  | 4  | 1  | 4.470 | 4.562 | 88.95 | 5.942 | 1.329 |
| 382 | 5  | 5 | 6 | 1  | -1 | 0  | 6   | 0  | -5 | 4.494 | 4.538 | 86.13 | 5.755 | 1.280 |
| 383 | 5  | 5 | 2 | 1  | -1 | 0  | 2   | 0  | -5 | 4.564 | 4.573 | 95.82 | 5.755 | 1.261 |
| 384 | 5  | 1 | 0 | 0  | 0  | -1 | -1  | 5  | 0  | 4.664 | 4.732 | 87.78 | 5.942 | 1.274 |
| 385 | 5  | 3 | 0 | 0  | 0  | 1  | 3   | -5 | -1 | 4.827 | 4.836 | 95.46 | 5.942 | 1.231 |
| 386 | 1  | 6 | 2 | -2 | 0  | 1  | 8   | -2 | 2  | 4.899 | 4.899 | 95.84 | 5.677 | 1.159 |
| 387 | -1 | 1 | 5 | -1 | -1 | 0  | 8   | -2 | 2  | 4.966 | 5.015 | 92.93 | 5.755 | 1.159 |
| 388 | 0  | 4 | 3 | -2 | 0  | 0  | -3  | -3 | 4  | 5.103 | 5.148 | 92.99 | 6.574 | 1.288 |
| 389 | -5 | 5 | 2 | -1 | -1 | 0  | 1   | -1 | 5  | 5.113 | 5.166 | 92.57 | 5.755 | 1.125 |
| 390 | 0  | 3 | 4 | 2  | 0  | 0  | 2   | 4  | -3 | 5.124 | 5.158 | 93.63 | 6.574 | 1.283 |
| 391 | -2 | 2 | 3 | -1 | -1 | 0  | 4   | -2 | 4  | 5.169 | 5.232 | 88.07 | 5.755 | 1.113 |
| 392 | 0  | 5 | 1 | 2  | 0  | 0  | 5   | 1  | -5 | 5.184 | 5.224 | 86.77 | 6.574 | 1.268 |
| 393 | 2  | 5 | 4 | -2 | 0  | 1  | 6   | -4 | 2  | 5.187 | 5.267 | 90.90 | 5.677 | 1.095 |
| 394 | 0  | 1 | 5 | -2 | 0  | 0  | -1  | -5 | 1  | 5.236 | 5.319 | 89.36 | 6.574 | 1.256 |
| 395 | 1  | 6 | 0 | 0  | 0  | -1 | -12 | 2  | 2  | 5.310 | 5.373 | 88.23 | 5.942 | 1.119 |
| 396 | 0  | 5 | 2 | -2 | 0  | 0  | -4  | -2 | 5  | 5.477 | 5.530 | 92.17 | 6.574 | 1.200 |
| 397 | 3  | 3 | 1 | 1  | -1 | 0  | 3   | -1 | -6 | 5.496 | 5.520 | 86.16 | 5.755 | 1.047 |
| 398 | 3  | 2 | 6 | 2  | 0  | -1 | -2  | 6  | -1 | 5.535 | 5.595 | 88.27 | 5.677 | 1.026 |
| 399 | 0  | 2 | 5 | 2  | 0  | 0  | 1   | 5  | -2 | 5.536 | 5.557 | 93.97 | 6.574 | 1.188 |
| 400 | -5 | 5 | 4 | -1 | -1 | 0  | 2   | -2 | 5  | 5.553 | 5.573 | 85.99 | 5.755 | 1.036 |
| 401 | 2  | 5 | 0 | 0  | 0  | -1 | -10 | 4  | 2  | 5.567 | 5.622 | 92.02 | 5.942 | 1.067 |
| 402 | 3  | 3 | 5 | 1  | -1 | 0  | 9   | 1  | -6 | 5.641 | 5.712 | 91.01 | 5.755 | 1.020 |
| 403 | 3  | 2 | 0 | 0  | 0  | 1  | 4   | -6 | -1 | 5.818 | 5.856 | 92.75 | 5.942 | 1.021 |
| 404 | 0  | 5 | 3 | -2 | 0  | 0  | -5  | -3 | 5  | 5.943 | 5.978 | 87.18 | 6.574 | 1.106 |
| 405 | 0  | 3 | 5 | -2 | 0  | 0  | -3  | -5 | 3  | 5.973 | 6.027 | 88.32 | 6.574 | 1.101 |
| 406 | 0  | 6 | 1 | 2  | 0  | 0  | 5   | 1  | -6 | 6.175 | 6.232 | 91.39 | 6.574 | 1.065 |
| 407 | 0  | 1 | 6 | -2 | 0  | 0  | 0   | -6 | 1  | 6.262 | 6.271 | 94.04 | 6.574 | 1.050 |
| 408 | 0  | 5 | 4 | -2 | 0  | 0  | -4  | -4 | 5  | 6.531 | 6.576 | 91.82 | 6.574 | 1.007 |
| 409 | 0  | 4 | 5 | 2  | 0  | 0  | 3   | 5  | -4 | 6.551 | 6.587 | 92.33 | 6.574 | 1.004 |