

Table of Geometric Invariants

$$5 \leq N \leq 20$$

| N | e | m | g | g_0 | g_1 | g_∞ | r_0 | r_1 | r_∞ | \mathbb{L} | b_2^s | b_2 | h^{11} | p_g | c_2 | K^2 | κ |
|-----|-----|------|-----|-------|-------|------------|-------|-------|------------|--------------|---------|-------|----------|-------|-------|-------|----------|
| 5 | 1 | 60 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 10 | 2 | 12 | 12 | 0 | 14 | -2 | -1 |
| 5 | 2 | 60 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 9 | 2 | 11 | 11 | 0 | 13 | -1 | -1 |
| 6 | 1 | 72 | 1 | 0 | 0 | 0 | 4 | 3 | 3 | 10 | 4 | 14 | 14 | 0 | 16 | -4 | -1 |
| 6 | 5 | 72 | 1 | 0 | 0 | 0 | 4 | 3 | 3 | 18 | 4 | 22 | 20 | 1 | 24 | 0 | 0 |
| 7 | 1 | 168 | 3 | 1 | 1 | 0 | 4 | 2 | 3 | 12 | 4 | 16 | 16 | 0 | 18 | -6 | -1 |
| 7 | 3 | 168 | 3 | 1 | 1 | 0 | 4 | 2 | 3 | 19 | 4 | 23 | 21 | 1 | 25 | -1 | 0 |
| 8 | 1 | 192 | 5 | 2 | 1 | 0 | 4 | 4 | 4 | 14 | 6 | 20 | 20 | 0 | 22 | -10 | -1 |
| 8 | 3 | 192 | 5 | 2 | 1 | 0 | 4 | 4 | 4 | 18 | 6 | 24 | 22 | 1 | 26 | -2 | 0 |
| 8 | 5 | 192 | 5 | 2 | 1 | 0 | 4 | 4 | 4 | 18 | 6 | 24 | 22 | 1 | 26 | -2 | 0 |
| 8 | 7 | 192 | 5 | 2 | 1 | 0 | 4 | 4 | 4 | 28 | 6 | 34 | 30 | 2 | 36 | 0 | 1 |
| 9 | 1 | 324 | 10 | 4 | 3 | 0 | 6 | 3 | 5 | 20 | 8 | 28 | 26 | 1 | 30 | -6 | 0 |
| 9 | 2 | 324 | 10 | 4 | 3 | 0 | 6 | 3 | 5 | 28 | 8 | 36 | 32 | 2 | 38 | -2 | 1 |
| 10 | 1 | 360 | 13 | 6 | 3 | 0 | 4 | 6 | 6 | 30 | 10 | 40 | 36 | 2 | 42 | -6 | 1 |
| 10 | 3 | 360 | 13 | 6 | 3 | 0 | 4 | 6 | 6 | 25 | 10 | 35 | 31 | 2 | 37 | -1 | 1 |
| 11 | 1 | 660 | 26 | 12 | 8 | 1 | 6 | 4 | 5 | 27 | 12 | 39 | 35 | 2 | 41 | -5 | 1 |
| 11 | 2 | 660 | 26 | 12 | 8 | 1 | 6 | 4 | 5 | 34 | 12 | 46 | 40 | 3 | 48 | 0 | 2 |
| 12 | 1 | 576 | 25 | 11 | 7 | 0 | 8 | 6 | 8 | 22 | 16 | 38 | 36 | 1 | 40 | -16 | 0 |
| 12 | 5 | 576 | 25 | 11 | 7 | 0 | 8 | 6 | 8 | 38 | 16 | 54 | 46 | 4 | 56 | 4 | 2 |
| 12 | 7 | 576 | 25 | 11 | 7 | 0 | 8 | 6 | 8 | 30 | 16 | 46 | 40 | 3 | 48 | 0 | 2 |
| 12 | 11 | 576 | 25 | 11 | 7 | 0 | 8 | 6 | 8 | 58 | 16 | 74 | 62 | 6 | 76 | 8 | 2 |
| 13 | 1 | 1092 | 50 | 24 | 16 | 2 | 6 | 4 | 6 | 39 | 18 | 57 | 49 | 4 | 59 | 1 | 2 |
| 13 | 2 | 1092 | 50 | 24 | 16 | 2 | 6 | 4 | 6 | 34 | 18 | 52 | 44 | 4 | 54 | 6 | 2 |
| 14 | 1 | 1008 | 49 | 23 | 15 | 1 | 8 | 6 | 9 | 36 | 22 | 58 | 50 | 4 | 60 | 0 | 2 |
| 14 | 3 | 1008 | 49 | 23 | 15 | 1 | 8 | 6 | 9 | 49 | 22 | 71 | 59 | 6 | 73 | 11 | 2 |
| 15 | 1 | 1440 | 73 | 35 | 23 | 1 | 8 | 6 | 12 | 34 | 30 | 64 | 56 | 4 | 66 | -6 | 2 |
| 15 | 2 | 1440 | 73 | 35 | 23 | 1 | 8 | 6 | 12 | 44 | 30 | 74 | 62 | 6 | 76 | 8 | 2 |
| 15 | 7 | 1440 | 73 | 35 | 23 | 1 | 8 | 6 | 12 | 54 | 30 | 84 | 68 | 8 | 86 | 22 | 2 |
| 15 | 11 | 1440 | 73 | 35 | 23 | 1 | 8 | 6 | 12 | 76 | 30 | 106 | 86 | 10 | 108 | 24 | 2 |
| 16 | 1 | 1536 | 81 | 39 | 25 | 2 | 8 | 8 | 10 | 34 | 32 | 66 | 58 | 4 | 68 | -8 | 2 |
| 16 | 3 | 1536 | 81 | 39 | 25 | 2 | 8 | 8 | 10 | 44 | 32 | 76 | 62 | 7 | 78 | 18 | 2 |
| 16 | 5 | 1536 | 81 | 39 | 25 | 2 | 8 | 8 | 10 | 50 | 32 | 82 | 66 | 8 | 84 | 24 | 2 |
| 16 | 7 | 1536 | 81 | 39 | 25 | 2 | 8 | 8 | 10 | 80 | 32 | 112 | 90 | 11 | 114 | 30 | 2 |
| 17 | 1 | 2448 | 133 | 65 | 43 | 5 | 8 | 6 | 8 | 62 | 42 | 104 | 84 | 10 | 106 | 26 | 2 |
| 17 | 3 | 2448 | 133 | 65 | 43 | 5 | 8 | 6 | 8 | 47 | 42 | 89 | 69 | 10 | 91 | 41 | 2 |
| 18 | 1 | 1944 | 109 | 52 | 34 | 2 | 12 | 9 | 13 | 46 | 44 | 90 | 74 | 8 | 92 | 16 | 2 |
| 18 | 5 | 1944 | 109 | 52 | 34 | 2 | 12 | 9 | 13 | 82 | 44 | 126 | 100 | 13 | 128 | 40 | 2 |
| 19 | 1 | 3420 | 196 | 96 | 64 | 7 | 10 | 6 | 9 | 60 | 60 | 120 | 92 | 14 | 122 | 58 | 2 |
| 19 | 2 | 3420 | 196 | 96 | 64 | 7 | 10 | 6 | 9 | 67 | 60 | 127 | 97 | 15 | 129 | 63 | 2 |
| 20 | 1 | 2880 | 169 | 83 | 53 | 3 | 8 | 12 | 16 | 64 | 62 | 126 | 102 | 12 | 128 | 28 | 2 |
| 20 | 3 | 2880 | 169 | 83 | 53 | 3 | 8 | 12 | 16 | 62 | 62 | 124 | 96 | 14 | 126 | 54 | 2 |
| 20 | 11 | 2880 | 169 | 83 | 53 | 3 | 8 | 12 | 16 | 104 | 62 | 166 | 130 | 18 | 168 | 60 | 2 |
| 20 | 13 | 2880 | 169 | 83 | 53 | 3 | 8 | 12 | 16 | 74 | 62 | 136 | 104 | 16 | 138 | 66 | 2 |