

Bimagic Square of Order II (I)

Original by Fredrik Jansson, February 2005. S2=54351

MS Matrix

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| H7 | H3 | H11 | A2 | H5 | A10 | H4 | G8 | A1 | H9 | H6 |
| E9 | K4 | K8 | D2 | E3 | C4 | C5 | E11 | F3 | K3 | C3 |
| K9 | E1 | D7 | E7 | K6 | D5 | D9 | C7 | C11 | K7 | D8 |
| B10 | J10 | B9 | F11 | F5 | D4 | K5 | K1 | E10 | F4 | B8 |
| G3 | H10 | H8 | A4 | H2 | I1 | I6 | A8 | A3 | G9 | H1 |
| D6 | B4 | B3 | J6 | I8 | F9 | J4 | F6 | I10 | F8 | B2 |
| K11 | D1 | D11 | F2 | E2 | K10 | C8 | E4 | J9 | C9 | C10 |
| G7 | I3 | I2 | G5 | A7 | I4 | I7 | A5 | G10 | A6 | F10 |
| E8 | D3 | B6 | J8 | B5 | J5 | B7 | G11 | G4 | F7 | K2 |
| B1 | A11 | I11 | G6 | J1 | G1 | D10 | I9 | G2 | A9 | I5 |
| C6 | E5 | F1 | J2 | B11 | C2 | C1 | J7 | J3 | E6 | J11 |

Diagonal

| | | | | | | | | | | |
|----|-----|----|-----|----|----|----|----|-----|----|-----|
| H7 | K4 | D7 | F11 | H2 | F9 | C8 | A5 | G4 | A9 | J11 |
| C6 | A11 | B6 | G5 | E2 | F9 | I6 | K1 | C11 | K3 | H6 |

Magic Square

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 84 | 80 | 88 | 2 | 82 | 10 | 81 | 74 | 1 | 86 | 83 |
| 53 | 114 | 118 | 35 | 47 | 26 | 27 | 55 | 58 | 113 | 25 |
| 119 | 45 | 40 | 51 | 116 | 38 | 42 | 29 | 33 | 117 | 41 |
| 21 | 109 | 20 | 66 | 60 | 37 | 115 | 111 | 54 | 59 | 19 |
| 69 | 87 | 85 | 4 | 79 | 89 | 94 | 8 | 3 | 75 | 78 |
| 39 | 15 | 14 | 105 | 96 | 64 | 103 | 61 | 98 | 63 | 13 |
| 121 | 34 | 44 | 57 | 46 | 120 | 30 | 48 | 108 | 31 | 32 |
| 73 | 91 | 90 | 71 | 7 | 92 | 95 | 5 | 76 | 6 | 65 |
| 52 | 36 | 17 | 107 | 16 | 104 | 18 | 77 | 70 | 62 | 112 |
| 12 | 11 | 99 | 72 | 100 | 67 | 43 | 97 | 68 | 9 | 93 |
| 28 | 49 | 56 | 101 | 22 | 24 | 23 | 106 | 102 | 50 | 110 |

| | | | | | | | | | | | |
|-----|----|-----|----|----|----|----|----|-----|----|-----|-----|
| d1: | 84 | 114 | 40 | 66 | 79 | 64 | 30 | 5 | 70 | 9 | 110 |
| d2: | 28 | 11 | 17 | 71 | 46 | 64 | 94 | 111 | 33 | 113 | 83 |

Bimagic Square of Order II (2)

by Mikael Hermansson, November 2021. S2=54351

MS Matrix

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| A8 | G3 | H10 | A4 | G9 | I8 | I7 | F9 | G1 | I9 | A9 |
| D9 | D5 | K10 | D1 | D7 | K2 | D8 | K11 | E4 | D6 | D3 |
| B2 | J2 | F1 | J3 | F7 | H8 | A7 | G2 | A11 | J4 | F8 |
| G11 | A3 | G5 | H5 | A6 | H7 | H3 | I1 | I5 | H4 | A5 |
| D2 | E9 | K8 | D4 | D10 | C11 | C6 | K9 | K4 | D11 | E3 |
| J8 | H6 | B6 | J9 | C4 | F3 | B8 | C2 | F6 | J10 | F4 |
| H11 | A1 | F10 | H1 | G10 | A2 | I4 | B3 | G8 | I2 | I3 |
| H9 | G4 | B4 | J6 | J7 | B7 | J5 | E8 | E1 | A10 | F5 |
| C9 | E5 | E7 | C10 | K5 | C8 | C5 | E2 | K7 | F2 | K6 |
| G7 | I6 | B10 | F11 | J1 | I10 | I11 | B9 | B5 | B1 | G6 |
| K1 | J11 | E6 | C1 | B11 | E11 | H2 | E10 | C3 | C7 | K3 |

Diagonal

| | | | | | | | | | | |
|----|----|----|----|-----|----|----|----|-----|----|----|
| A8 | D5 | F1 | H5 | D10 | F3 | I4 | E8 | K7 | B1 | K3 |
| K1 | I6 | E7 | J6 | G10 | F3 | C6 | I1 | A11 | D6 | A9 |

Magic Square

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 8 | 69 | 87 | 4 | 75 | 96 | 95 | 64 | 67 | 97 | 9 |
| 42 | 38 | 120 | 34 | 40 | 112 | 41 | 121 | 48 | 39 | 36 |
| 13 | 101 | 56 | 102 | 62 | 85 | 7 | 68 | 11 | 103 | 63 |
| 77 | 3 | 71 | 82 | 6 | 84 | 80 | 89 | 93 | 81 | 5 |
| 35 | 53 | 118 | 37 | 43 | 33 | 28 | 119 | 114 | 44 | 47 |
| 107 | 83 | 17 | 108 | 26 | 58 | 19 | 24 | 61 | 109 | 59 |
| 88 | 1 | 65 | 78 | 76 | 2 | 92 | 14 | 74 | 90 | 91 |
| 86 | 70 | 15 | 105 | 106 | 18 | 104 | 52 | 45 | 10 | 60 |
| 31 | 49 | 51 | 32 | 115 | 30 | 27 | 46 | 117 | 57 | 116 |
| 73 | 94 | 21 | 66 | 100 | 98 | 99 | 20 | 16 | 12 | 72 |
| 111 | 110 | 50 | 23 | 22 | 55 | 79 | 54 | 25 | 29 | 113 |

| | | | | | | | | | | | |
|-----|-----|----|----|-----|----|----|----|----|-----|----|-----|
| d1: | 8 | 38 | 56 | 82 | 43 | 58 | 92 | 52 | 117 | 12 | 113 |
| d2: | 111 | 94 | 51 | 105 | 76 | 58 | 28 | 89 | 11 | 39 | 9 |

Bimagic Square of Order II (3)

Original by Chen Mutian, November 2005. S2=54351

MS Matrix

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| I9 | J2 | H11 | F1 | B9 | A4 | G8 | C5 | G4 | C4 | J9 |
| B8 | A9 | F10 | G6 | C8 | G10 | K11 | J7 | I5 | C11 | E3 |
| H10 | H9 | E7 | K2 | J10 | D8 | E10 | B1 | A3 | H2 | D4 |
| J5 | A6 | C1 | B11 | K5 | J6 | F5 | G3 | E11 | D6 | G7 |
| A11 | H7 | F3 | A8 | I6 | I3 | H1 | D7 | K10 | F8 | C2 |
| C10 | B4 | K7 | E1 | H3 | F6 | D9 | G11 | A5 | J8 | I2 |
| I10 | F4 | A2 | H5 | D11 | C9 | C6 | K4 | F9 | D5 | K1 |
| E5 | H6 | G1 | E9 | F7 | B6 | A7 | J1 | I11 | K6 | B7 |
| H8 | D10 | K9 | J11 | G2 | H4 | B2 | A10 | G5 | D3 | D2 |
| G9 | I1 | C7 | B5 | A1 | E2 | I4 | E6 | F2 | K3 | J4 |
| B3 | I8 | E8 | I7 | E4 | K8 | J3 | F11 | D1 | B10 | C3 |

Diagonal

| | | | | | | | | | | |
|----|----|----|-----|-----|----|----|----|----|-----|----|
| I9 | A9 | E7 | B11 | I6 | F6 | C6 | J1 | G5 | K3 | C3 |
| B3 | I1 | K9 | E9 | D11 | F6 | H1 | G3 | A3 | C11 | J9 |

Magic Square

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 97 | 101 | 88 | 56 | 20 | 4 | 74 | 27 | 70 | 26 | 108 |
| 19 | 9 | 65 | 72 | 30 | 76 | 121 | 106 | 93 | 33 | 47 |
| 87 | 86 | 51 | 112 | 109 | 41 | 54 | 12 | 3 | 79 | 37 |
| 104 | 6 | 23 | 22 | 115 | 105 | 60 | 69 | 55 | 39 | 73 |
| 11 | 84 | 58 | 8 | 94 | 91 | 78 | 40 | 120 | 63 | 24 |
| 32 | 15 | 117 | 45 | 80 | 61 | 42 | 77 | 5 | 107 | 90 |
| 98 | 59 | 2 | 82 | 44 | 31 | 28 | 114 | 64 | 38 | 111 |
| 49 | 83 | 67 | 53 | 62 | 17 | 7 | 100 | 99 | 116 | 18 |
| 85 | 43 | 119 | 110 | 68 | 81 | 13 | 10 | 71 | 36 | 35 |
| 75 | 89 | 29 | 16 | 1 | 46 | 92 | 50 | 57 | 113 | 103 |
| 14 | 96 | 52 | 95 | 48 | 118 | 102 | 66 | 34 | 21 | 25 |

| | | | | | | | | | | | |
|-----|----|----|-----|----|----|----|----|-----|----|-----|-----|
| d1: | 97 | 9 | 51 | 22 | 94 | 61 | 28 | 100 | 71 | 113 | 25 |
| d2: | 14 | 89 | 119 | 53 | 44 | 61 | 78 | 69 | 3 | 33 | 108 |

Bimagic Square of Order II (4)

by Mikael Hermansson, November 2021. S2=54351

MS Matrix

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|
| A3 | H9 | H10 | E10 | K2 | D8 | B1 | J10 | D4 | H2 | E7 |
| F2 | I1 | G9 | I4 | B5 | E2 | E6 | A1 | J4 | K3 | C7 |
| D1 | I8 | B3 | J3 | I7 | K8 | F11 | E4 | C3 | B10 | E8 |
| K10 | H7 | A11 | H1 | A8 | I3 | D7 | I6 | C2 | F8 | F3 |
| E11 | H6 | E5 | A7 | E9 | J6 | J1 | F7 | B7 | K6 | C1 |
| A5 | B4 | C10 | D9 | E1 | F6 | G11 | H3 | I2 | J8 | K7 |
| I11 | A6 | J5 | F5 | B11 | B6 | G3 | K5 | G7 | D6 | G1 |
| F9 | F4 | I10 | C6 | H5 | C9 | K4 | D11 | K1 | D5 | A2 |
| G4 | J2 | I9 | G8 | F1 | A4 | C5 | B9 | J9 | C4 | H11 |
| I5 | A9 | B8 | K11 | G6 | G10 | J7 | C8 | E3 | C11 | F10 |
| G5 | D10 | H8 | B2 | J11 | H4 | A10 | G2 | D2 | D3 | K9 |

Diagonal

| | | | | | | | | | | |
|----|----|----|----|----|----|----|-----|----|-----|----|
| A3 | I1 | B3 | H1 | E9 | F6 | G3 | D11 | J9 | C11 | K9 |
| G5 | A9 | I9 | C6 | B1 | F6 | J1 | I6 | C3 | K3 | E7 |

Magic Square

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 3 | 86 | 87 | 54 | 112 | 41 | 12 | 109 | 37 | 79 | 51 |
| 57 | 89 | 75 | 92 | 16 | 46 | 50 | 1 | 103 | 113 | 29 |
| 34 | 96 | 14 | 102 | 95 | 118 | 66 | 48 | 25 | 21 | 52 |
| 120 | 84 | 11 | 78 | 8 | 91 | 40 | 94 | 24 | 63 | 58 |
| 55 | 83 | 49 | 7 | 53 | 105 | 100 | 62 | 18 | 116 | 23 |
| 5 | 15 | 32 | 42 | 45 | 61 | 77 | 80 | 90 | 107 | 117 |
| 99 | 6 | 104 | 60 | 22 | 17 | 69 | 115 | 73 | 39 | 67 |
| 64 | 59 | 98 | 28 | 82 | 31 | 114 | 44 | 111 | 38 | 2 |
| 70 | 101 | 97 | 74 | 56 | 4 | 27 | 20 | 108 | 26 | 88 |
| 93 | 9 | 19 | 121 | 72 | 76 | 106 | 30 | 47 | 33 | 65 |
| 71 | 43 | 85 | 13 | 110 | 81 | 10 | 68 | 35 | 36 | 119 |

| | | | | | | | | | | | |
|-----|----|----|----|----|----|----|-----|----|-----|-----|-----|
| d1: | 3 | 89 | 14 | 78 | 53 | 61 | 69 | 44 | 108 | 33 | 119 |
| d2: | 71 | 9 | 97 | 28 | 22 | 61 | 100 | 94 | 25 | 113 | 51 |

Note: E11+J6+C1 = I11+B6+G1

Magic Square of prime number nII

Original by Christian Boyer, 2006. P1=3497, P2=1578251

Magic Square one

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 277 | 401 | 239 | 23 | 647 | 421 | 181 | 229 | 7 | 653 | 419 |
| 131 | 137 | 317 | 5 | 47 | 457 | 359 | 541 | 467 | 683 | 353 |
| 269 | 463 | 701 | 157 | 59 | 257 | 557 | 563 | 179 | 101 | 191 |
| 617 | 307 | 397 | 571 | 241 | 661 | 107 | 109 | 79 | 281 | 127 |
| 311 | 593 | 379 | 197 | 503 | 83 | 521 | 53 | 149 | 89 | 619 |
| 443 | 373 | 29 | 383 | 587 | 61 | 409 | 19 | 631 | 173 | 389 |
| 599 | 43 | 151 | 509 | 199 | 487 | 163 | 223 | 293 | 139 | 691 |
| 11 | 73 | 607 | 613 | 433 | 577 | 97 | 263 | 227 | 283 | 313 |
| 37 | 673 | 113 | 193 | 271 | 31 | 431 | 601 | 331 | 479 | 337 |
| 569 | 367 | 461 | 347 | 71 | 211 | 13 | 349 | 643 | 449 | 17 |
| 233 | 67 | 103 | 499 | 439 | 251 | 659 | 547 | 491 | 167 | 41 |

d1: 277 137 701 571 503 61 163 263 331 449 41
d2: 233 367 113 613 199 61 521 109 179 683 419

Magic Square two

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 277 | 401 | 239 | 23 | 647 | 421 | 181 | 229 | 7 | 653 | 419 |
| 131 | 137 | 317 | 5 | 47 | 457 | 359 | 541 | 467 | 683 | 353 |
| 269 | 463 | 701 | 157 | 191 | 257 | 557 | 563 | 179 | 101 | 59 |
| 617 | 307 | 397 | 571 | 241 | 661 | 107 | 109 | 79 | 281 | 127 |
| 311 | 593 | 379 | 197 | 503 | 83 | 521 | 53 | 149 | 89 | 619 |
| 443 | 373 | 29 | 383 | 389 | 61 | 409 | 19 | 631 | 173 | 587 |
| 599 | 43 | 151 | 509 | 199 | 487 | 163 | 223 | 293 | 139 | 691 |
| 11 | 73 | 607 | 613 | 433 | 577 | 97 | 263 | 227 | 283 | 313 |
| 37 | 673 | 113 | 193 | 337 | 31 | 431 | 601 | 331 | 479 | 271 |
| 569 | 367 | 461 | 347 | 71 | 211 | 13 | 349 | 643 | 449 | 17 |
| 233 | 67 | 103 | 499 | 439 | 251 | 659 | 547 | 491 | 167 | 41 |

d1: 277 137 701 571 503 61 163 263 331 449 41
d2: 233 367 113 613 199 61 521 109 179 683 419

Note: 191+389+337 = 59+587+271