

Bimagic Square of Order 28 (Ia)

by Su Maoting, January 2006. S2=5747770

| | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 421 | 521 | 715 | 179 | 732 | 587 | 329 | 138 | 765 | 482 | 383 | 623 | 548 | 108 |
| 399 | 452 | 26 | 752 | 111 | 281 | 607 | 622 | 77 | 543 | 351 | 129 | 261 | 576 |
| 183 | 755 | 510 | 100 | 561 | 233 | 390 | 353 | 327 | 80 | 627 | 480 | 777 | 651 |
| 474 | 85 | 241 | 567 | 155 | 525 | 340 | 375 | 594 | 44 | 136 | 783 | 75 | 289 |
| 706 | 575 | 291 | 446 | 653 | 19 | 643 | 592 | 388 | 679 | 268 | 29 | 325 | 245 |
| 17 | 398 | 648 | 149 | 301 | 711 | 533 | 332 | 352 | 222 | 35 | 687 | 615 | 523 |
| 515 | 429 | 164 | 665 | 243 | 464 | 43 | 83 | 483 | 605 | 698 | 202 | 365 | 4 |
| 228 | 161 | 447 | 299 | 528 | 175 | 678 | 772 | 54 | 373 | 213 | 319 | 127 | 701 |
| 304 | 663 | 408 | 251 | 7 | 166 | 207 | 253 | 689 | 357 | 60 | 597 | 34 | 463 |
| 671 | 296 | 169 | 519 | 726 | 745 | 780 | 539 | 200 | 635 | 317 | 385 | 683 | 426 |
| 156 | 250 | 455 | 6 | 409 | 88 | 65 | 491 | 279 | 113 | 609 | 355 | 220 | 739 |
| 569 | 11 | 749 | 717 | 454 | 407 | 128 | 691 | 617 | 256 | 503 | 556 | 343 | 194 |
| 105 | 192 | 579 | 396 | 431 | 650 | 259 | 37 | 547 | 335 | 757 | 72 | 502 | 157 |
| 747 | 707 | 93 | 449 | 184 | 444 | 493 | 217 | 123 | 771 | 538 | 278 | 620 | 419 |
| 738 | 722 | 104 | 476 | 181 | 425 | 488 | 204 | 130 | 770 | 555 | 255 | 641 | 394 |
| 92 | 173 | 570 | 417 | 438 | 667 | 274 | 48 | 546 | 310 | 784 | 69 | 479 | 152 |
| 580 | 18 | 736 | 712 | 471 | 406 | 125 | 682 | 644 | 277 | 478 | 537 | 358 | 171 |
| 153 | 227 | 470 | 23 | 404 | 109 | 76 | 490 | 254 | 140 | 596 | 346 | 201 | 746 |
| 646 | 293 | 196 | 518 | 703 | 740 | 761 | 554 | 221 | 626 | 328 | 372 | 690 | 443 |
| 285 | 654 | 405 | 226 | 22 | 143 | 214 | 280 | 684 | 344 | 81 | 608 | 51 | 462 |
| 249 | 148 | 422 | 290 | 509 | 190 | 695 | 769 | 31 | 384 | 208 | 326 | 126 | 728 |
| 522 | 440 | 145 | 652 | 234 | 461 | 42 | 58 | 498 | 600 | 675 | 219 | 392 | 25 |
| 12 | 415 | 669 | 160 | 288 | 718 | 560 | 313 | 349 | 199 | 50 | 686 | 590 | 514 |
| 723 | 574 | 298 | 423 | 664 | 10 | 618 | 613 | 369 | 694 | 265 | 56 | 320 | 232 |
| 451 | 112 | 236 | 582 | 154 | 512 | 361 | 382 | 611 | 41 | 117 | 758 | 66 | 300 |
| 182 | 730 | 527 | 97 | 588 | 244 | 367 | 348 | 318 | 61 | 634 | 501 | 764 | 666 |
| 414 | 473 | 3 | 733 | 86 | 308 | 598 | 639 | 64 | 550 | 350 | 124 | 272 | 573 |
| 448 | 516 | 714 | 186 | 753 | 562 | 316 | 115 | 776 | 499 | 374 | 638 | 545 | 89 |

Bimagic Square of Order 28 (1b)

by Su Maoting, January 2006. S2=5747770

| | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 696 | 240 | 147 | 411 | 286 | 9 | 670 | 469 | 223 | 32 | 599 | 71 | 269 | 337 |
| 212 | 513 | 661 | 435 | 235 | 721 | 146 | 187 | 477 | 699 | 52 | 782 | 312 | 371 |
| 119 | 21 | 284 | 151 | 724 | 467 | 437 | 418 | 541 | 197 | 688 | 258 | 55 | 603 |
| 485 | 719 | 27 | 668 | 744 | 174 | 403 | 424 | 273 | 631 | 203 | 549 | 673 | 334 |
| 553 | 465 | 729 | 520 | 91 | 416 | 172 | 167 | 775 | 121 | 362 | 487 | 211 | 62 |
| 271 | 195 | 99 | 735 | 586 | 436 | 472 | 225 | 67 | 497 | 625 | 116 | 370 | 773 |
| 760 | 393 | 566 | 110 | 185 | 287 | 727 | 743 | 324 | 551 | 133 | 640 | 345 | 263 |
| 57 | 659 | 459 | 577 | 401 | 754 | 16 | 90 | 595 | 276 | 495 | 363 | 637 | 536 |
| 323 | 734 | 177 | 704 | 441 | 101 | 505 | 571 | 642 | 763 | 559 | 380 | 131 | 500 |
| 342 | 95 | 413 | 457 | 159 | 564 | 231 | 24 | 45 | 82 | 267 | 589 | 492 | 139 |
| 39 | 584 | 439 | 189 | 645 | 531 | 295 | 709 | 676 | 381 | 762 | 315 | 558 | 632 |
| 614 | 427 | 248 | 307 | 508 | 141 | 103 | 660 | 379 | 314 | 73 | 49 | 767 | 205 |
| 633 | 306 | 716 | 1 | 475 | 239 | 737 | 511 | 118 | 347 | 368 | 215 | 612 | 693 |
| 391 | 144 | 530 | 230 | 15 | 655 | 581 | 297 | 360 | 604 | 309 | 681 | 63 | 47 |
| 366 | 165 | 507 | 247 | 14 | 662 | 568 | 292 | 341 | 601 | 336 | 692 | 78 | 38 |
| 628 | 283 | 713 | 28 | 450 | 238 | 748 | 526 | 135 | 354 | 389 | 206 | 593 | 680 |
| 591 | 442 | 229 | 282 | 529 | 168 | 94 | 657 | 378 | 331 | 68 | 36 | 774 | 216 |
| 46 | 565 | 430 | 176 | 672 | 506 | 294 | 720 | 697 | 376 | 779 | 330 | 535 | 629 |
| 359 | 102 | 400 | 468 | 150 | 585 | 246 | 5 | 40 | 59 | 266 | 616 | 489 | 114 |
| 322 | 751 | 188 | 725 | 428 | 96 | 532 | 578 | 619 | 778 | 534 | 377 | 122 | 481 |
| 84 | 658 | 466 | 572 | 412 | 731 | 13 | 107 | 610 | 257 | 486 | 338 | 624 | 557 |
| 781 | 420 | 583 | 87 | 180 | 302 | 702 | 742 | 321 | 542 | 120 | 621 | 356 | 270 |
| 262 | 170 | 98 | 750 | 563 | 433 | 453 | 252 | 74 | 484 | 636 | 137 | 387 | 768 |
| 540 | 460 | 756 | 517 | 106 | 397 | 193 | 142 | 766 | 132 | 339 | 494 | 210 | 79 |
| 496 | 710 | 2 | 649 | 741 | 191 | 410 | 445 | 260 | 630 | 218 | 544 | 700 | 311 |
| 134 | 8 | 305 | 158 | 705 | 458 | 432 | 395 | 552 | 224 | 685 | 275 | 30 | 602 |
| 209 | 524 | 656 | 434 | 242 | 708 | 163 | 178 | 504 | 674 | 33 | 759 | 333 | 386 |
| 677 | 237 | 162 | 402 | 303 | 20 | 647 | 456 | 198 | 53 | 606 | 70 | 264 | 364 |

Partiell Bimagic Square of Order 28 (2a)

by Mikael Hermansson, February 2022. S1=10990, S2=5747770

| | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 521 | 421 | 179 | 715 | 587 | 732 | 138 | 329 | 482 | 765 | 623 | 383 | 108 | 548 |
| 452 | 399 | 752 | 26 | 281 | 111 | 622 | 607 | 543 | 77 | 129 | 351 | 576 | 261 |
| 755 | 183 | 100 | 510 | 233 | 561 | 353 | 390 | 80 | 327 | 480 | 627 | 651 | 777 |
| 85 | 474 | 567 | 241 | 525 | 155 | 375 | 340 | 44 | 594 | 783 | 136 | 289 | 75 |
| 575 | 706 | 446 | 291 | 19 | 653 | 592 | 643 | 679 | 388 | 29 | 268 | 245 | 325 |
| 398 | 17 | 149 | 648 | 711 | 301 | 332 | 533 | 222 | 352 | 687 | 35 | 523 | 615 |
| 429 | 515 | 665 | 164 | 464 | 243 | 83 | 43 | 605 | 483 | 202 | 698 | 4 | 365 |
| 161 | 228 | 299 | 447 | 175 | 528 | 772 | 678 | 373 | 54 | 319 | 213 | 701 | 127 |
| 663 | 304 | 251 | 408 | 166 | 7 | 253 | 207 | 357 | 689 | 597 | 60 | 463 | 34 |
| 296 | 671 | 519 | 169 | 745 | 726 | 539 | 780 | 635 | 200 | 385 | 317 | 426 | 683 |
| 250 | 156 | 6 | 455 | 88 | 409 | 491 | 65 | 113 | 279 | 355 | 609 | 739 | 220 |
| 11 | 569 | 717 | 749 | 407 | 454 | 691 | 128 | 256 | 617 | 556 | 503 | 194 | 343 |
| 192 | 105 | 396 | 579 | 650 | 431 | 37 | 259 | 335 | 547 | 72 | 757 | 157 | 502 |
| 707 | 747 | 449 | 93 | 444 | 184 | 217 | 493 | 771 | 123 | 278 | 538 | 419 | 620 |
| 722 | 738 | 476 | 104 | 425 | 181 | 204 | 488 | 770 | 130 | 255 | 555 | 394 | 641 |
| 173 | 92 | 417 | 570 | 667 | 438 | 48 | 274 | 310 | 546 | 69 | 784 | 152 | 479 |
| 18 | 580 | 712 | 736 | 406 | 471 | 682 | 125 | 277 | 644 | 537 | 478 | 171 | 358 |
| 227 | 153 | 23 | 470 | 109 | 404 | 490 | 76 | 140 | 254 | 346 | 596 | 746 | 201 |
| 293 | 646 | 518 | 196 | 740 | 703 | 554 | 761 | 626 | 221 | 372 | 328 | 443 | 690 |
| 654 | 285 | 226 | 405 | 143 | 22 | 280 | 214 | 344 | 684 | 608 | 81 | 462 | 51 |
| 148 | 249 | 290 | 422 | 190 | 509 | 769 | 695 | 384 | 31 | 326 | 208 | 728 | 126 |
| 440 | 522 | 652 | 145 | 461 | 234 | 58 | 42 | 600 | 498 | 219 | 675 | 25 | 392 |
| 415 | 12 | 160 | 669 | 718 | 288 | 313 | 560 | 199 | 349 | 686 | 50 | 514 | 590 |
| 574 | 723 | 423 | 298 | 10 | 664 | 613 | 618 | 694 | 369 | 56 | 265 | 232 | 320 |
| 112 | 451 | 582 | 236 | 512 | 154 | 382 | 361 | 41 | 611 | 758 | 117 | 300 | 66 |
| 730 | 182 | 97 | 527 | 244 | 588 | 348 | 367 | 61 | 318 | 501 | 634 | 666 | 764 |
| 473 | 414 | 733 | 3 | 308 | 86 | 639 | 598 | 550 | 64 | 124 | 350 | 573 | 272 |
| 516 | 448 | 186 | 714 | 562 | 753 | 115 | 316 | 499 | 776 | 638 | 374 | 89 | 545 |

Partiell Bimagic Square of Order 28 (2b)

by Mikael Hermansson, February 2022. S1=10990, S2=5747770

| | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 240 | 696 | 411 | 147 | 9 | 286 | 469 | 670 | 32 | 223 | 71 | 599 | 337 | 269 |
| 513 | 212 | 435 | 661 | 721 | 235 | 187 | 146 | 699 | 477 | 782 | 52 | 371 | 312 |
| 21 | 119 | 151 | 284 | 467 | 724 | 418 | 437 | 197 | 541 | 258 | 688 | 603 | 55 |
| 719 | 485 | 668 | 27 | 174 | 744 | 424 | 403 | 631 | 273 | 549 | 203 | 334 | 673 |
| 465 | 553 | 520 | 729 | 416 | 91 | 167 | 172 | 121 | 775 | 487 | 362 | 62 | 211 |
| 195 | 271 | 735 | 99 | 436 | 586 | 225 | 472 | 497 | 67 | 116 | 625 | 773 | 370 |
| 393 | 760 | 110 | 566 | 287 | 185 | 743 | 727 | 551 | 324 | 640 | 133 | 263 | 345 |
| 659 | 57 | 577 | 459 | 754 | 401 | 90 | 16 | 276 | 595 | 363 | 495 | 536 | 637 |
| 734 | 323 | 704 | 177 | 101 | 441 | 571 | 505 | 763 | 642 | 380 | 559 | 500 | 131 |
| 95 | 342 | 457 | 413 | 564 | 159 | 24 | 231 | 82 | 45 | 589 | 267 | 139 | 492 |
| 584 | 39 | 189 | 439 | 531 | 645 | 709 | 295 | 381 | 676 | 315 | 762 | 632 | 558 |
| 427 | 614 | 307 | 248 | 141 | 508 | 660 | 103 | 314 | 379 | 49 | 73 | 205 | 767 |
| 306 | 633 | 1 | 716 | 239 | 475 | 511 | 737 | 347 | 118 | 215 | 368 | 693 | 612 |
| 144 | 391 | 230 | 530 | 655 | 15 | 297 | 581 | 604 | 360 | 681 | 309 | 47 | 63 |
| 165 | 366 | 247 | 507 | 662 | 14 | 292 | 568 | 601 | 341 | 692 | 336 | 38 | 78 |
| 283 | 628 | 28 | 713 | 238 | 450 | 526 | 748 | 354 | 135 | 206 | 389 | 680 | 593 |
| 442 | 591 | 282 | 229 | 168 | 529 | 657 | 94 | 331 | 378 | 36 | 68 | 216 | 774 |
| 565 | 46 | 176 | 430 | 506 | 672 | 720 | 294 | 376 | 697 | 330 | 779 | 629 | 535 |
| 102 | 359 | 468 | 400 | 585 | 150 | 5 | 246 | 59 | 40 | 616 | 266 | 114 | 489 |
| 751 | 322 | 725 | 188 | 96 | 428 | 578 | 532 | 778 | 619 | 377 | 534 | 481 | 122 |
| 658 | 84 | 572 | 466 | 731 | 412 | 107 | 13 | 257 | 610 | 338 | 486 | 557 | 624 |
| 420 | 781 | 87 | 583 | 302 | 180 | 742 | 702 | 542 | 321 | 621 | 120 | 270 | 356 |
| 170 | 262 | 750 | 98 | 433 | 563 | 252 | 453 | 484 | 74 | 137 | 636 | 768 | 387 |
| 460 | 540 | 517 | 756 | 397 | 106 | 142 | 193 | 132 | 766 | 494 | 339 | 79 | 210 |
| 710 | 496 | 649 | 2 | 191 | 741 | 445 | 410 | 630 | 260 | 544 | 218 | 311 | 700 |
| 8 | 134 | 158 | 305 | 458 | 705 | 395 | 432 | 224 | 552 | 275 | 685 | 602 | 30 |
| 524 | 209 | 434 | 656 | 708 | 242 | 178 | 163 | 674 | 504 | 759 | 33 | 386 | 333 |
| 237 | 677 | 402 | 162 | 20 | 303 | 456 | 647 | 53 | 198 | 70 | 606 | 364 | 264 |