593 1, 2, 5, 17, 55, 186, 635, 2199, 7691, 27101, 96061
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594 1, 2, 5, 17, 73, 388, 2461, 18155, 152531, 1436714, 14986879, 171453343, 2134070335, 28708008128, 415017867707, 6416208498137, 105630583492969
A(N) = NA(N – 1) – (N – 1)(N – 2)A(N – 3)/2. REF CAY 9 190. PLMS 17 29 17. EMN 34 1 44.

595 1, 2, 5, 19, 87
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596 1, 2, 5, 19, 132, 3107
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597 1, 2, 5, 20, 87, 616, 4843, 44128
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598 1, 2, 5, 20, 115, 790, 6217, 55160, 545135, 5938490, 70686805, 912660508, 12702694075, 189579135710, 3019908731105
PERMUTATIONS BY NUMBER OF PAIRS. REF DKB 263.

599 1, 2, 5, 21, 61, 214, 669, 2240, 7330, 24695, 83257, 284928, 981079, 3410990, 11937328, 42075242, 149171958, 531866972, 1905842605, 6861162880
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600 1, 2, 5, 21, 106, 643, 4547, 36696, 332769, 3349507
PERMUTATIONS WITHOUT 3-SEQUENCES. REF BAMS 51 748 45.

601 1, 2, 5, 22, 138, 1579, 33366, 1348674, 105925685, 15968704512, 4520384306832, 2402814904220039, 2425664021535713098
CONNECTED GRAPHS BY POINTS AND LINES. REF ST1.

602 1, 2, 5, 24, 23, 76, 249, 168, 599, 1670, 1026, 3272, 8529, 5232
COEFFICIENTS OF MODULAR FUNCTIONS. REF PLMS 9 384 59.

603 1, 2, 5, 27, 923, 909182, 1046593950039
CONVERGENTS TO LEHMERS CONSTANT. REF DMJ 4 334 38.

604 1, 2, 5, 30, 2288, 67172352, 144115192303714304
BOOLEAN FUNCTIONS. REF HA2 153.

605 1, 2, 5, 34, 985, 1151138, 1116929202845
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606 1, 2, 5, 34, 2136
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607 1, 2, 6, 2, 10, 2, 10, 14, 10, 6, 10, 18, 2, 6, 14, 22, 14, 22, 26, 18, 14, 2, 30, 26, 30, 2, 26, 18, 10, 34, 26, 22, 18, 10, 34, 14, 34, 38, 2, 6, 30, 34, 14, 42, 38, 10, 22, 42, 38, 26
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608 1, 2, 6, 4, 30, 12, 84, 24, 90, 20, 132
DENOMINATORS OF GENERALIZED BERNOULLI NUMBERS. REF MT1 136.

609 1, 2, 6, 8, 5, 4, 5, 2, 0, 0, 1, 0, 6, 5, 3, 0, 6, 4, 4, 5, 3, 0, 9, 7, 1, 4, 8, 3, 5, 4, 8, 1 9, 5, 6, 9, 3, 8, 2, 0, 3, 8, 2, 2, 9, 3, 9, 9, 4, 4, 6, 2, 9, 5, 3, 0, 5, 1, 1, 5, 2, 3, 4, 5, 5, 5,
KHINTCHINES CONSTANT. REF MTAC 14 371 60.

610 1, 2, 6, 8, 13, 29, 44, 66, 122, 184, 269, 448, 668, 972, 1505, 2205
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611 1, 2, 6, 8, 20, 12, 42, 32, 54, 40, 110, 48
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612 1, 2, 6, 8, 90, 288, 840, 17280, 28350, 89600, 598752, 87091200, 63063000, 301771008000, 5003856000, 6199345152, 976924698750, 3766102179840000
COTESIAN NUMBERS. REF QJM 46 63 14.

613 1, 2, 6, 9, 12, 15, 18, 21, 24, 27, 31, 34, 37, 40, 43, 46, 49, 53, 56, 59, 62, 65, 6 71, 75, 78, 81, 84, 87, 90, 93, 97, 100, 103, 106, 109, 112, 115, 119, 122, 125, 128, 1
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614 1, 2, 6, 9, 18, 22, 32, 46
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615 1, 2, 6, 10, 14, 18, 26, 30, 38
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616 1, 2, 6, 12, 20, 30, 42, 56, 72, 90, 110, 132, 156, 182, 210, 240, 272, 306, 342, 420, 462, 506, 552, 600, 650, 702, 756, 812, 870, 930, 992, 1056, 1122, 1190, 1260
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617 1, 2, 6, 12, 24, 40, 72, 126, 240, 272
LATTICE SPHERE PACKINGS. REF CJM 16 674 64. WA1.

618 1, 2, 6, 12, 31, 72, 178
ALKYLS. REF ZFK 93 437 36.

619 1, 2, 6, 12, 60, 20, 140, 280, 2520, 2520, 27720, 27720, 360360, 360360, 3603 720720, 12252240, 4084080, 77597520, 15519504, 5173168, 5173168, 118982864
DENOMINATORS OF HARMONIC NUMBERS. REF KN1 1 615.

620 1, 2, 6, 12, 60, 120, 360, 2520, 5040, 55440, 720720, 1441440, 4324320, 21621600, 367567200, 6983776800, 13967553600, 321253732800, 2248776129600
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621 1, 2, 6, 12, 60, 168, 360
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622 1, 2, 6, 13, 24, 42, 73, 125, 204, 324
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623 1, 2, 6, 13, 40, 100, 291, 797, 2273, 6389
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624 1, 2, 6, 14, 24, 46, 88, 162, 300, 562, 1056
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625 1, 2, 6, 14, 30, 62, 126, 254, 510, 1022, 2046, 4094, 8190, 16382, 32766, 6553 131070, 262142, 524286, 1048574, 2097150, 4194302, 8388606, 16777214, 335544
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626 1, 2, 6, 14, 31, 73, 172, 400, 932, 2177, 5081, 11854, 27662, 64554
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627 1, 2, 6, 14, 38, 97, 260, 688, 1856
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628 1, 2, 6, 15, 40, 104, 273, 714, 1870, 4895, 12816, 33552, 87841
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629 1, 2, 6, 16, 50, 144, 448, 7472, 17676, 41600
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630 1, 2, 6, 16, 50, 144, 462, 1392, 4536, 14060, 46310, 146376, 485914, 1557892, 5202690, 16861984, 56579196, 184940388, 622945970, 2050228360, 6927964218
FOLDING A LINE. REF MTAC 22 198 68. JCT 5 135 68.

631 1, 2, 6, 16, 50, 165
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632 1, 2, 6, 17, 44, 112, 304, 918, 3040, 10623, 38161, 140074, 528594, 2068751, 8436893, 35813251, 157448068, 713084042, 3315414747, 15805117878, 77273097114
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633 1, 2, 6, 18, 46, 146, 460, 1436, 4352, 13252, 40532
RESTRICTED PERMUTATIONS. REF AENS 79 213 62.

634 1, 2, 6, 18, 50, 142, 390, 1086, 2958, 8134, 22050, 60146, 162466, 440750, 1187222, 3208298, 8622666
WALKS ON A SQUARE LATTICE. REF AIP 9 354 60.

635 1, 2, 6, 18, 57, 186, 622, 2120, 7338, 25724, 91144, 325878, 1174281, 4260282, 15548694, 57048048, 210295326, 778483932, 2892818244, 10786724388
A SIMPLE RECURRENCE. REF IC 16 352 70.

636 1, 2, 6, 18, 58, 186, 614, 2034, 6818, 22970
SERIES-PARALLEL NUMBERS. REF R1 142.

637 1, 2, 6, 18, 60, 184, 560, 1695, 5200, 15956, 48916
RESTRICTED PERMUTATIONS. REF AENS 79 213 62.

638 1, 2, 6, 18, 90, 540, 3780, 31500
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639 1, 2, 6, 19, 61, 196, 629, 2017, 6466, 20727, 66441, 212980, 682721, 2188509, 7015418, 22488411, 72088165, 231083620, 740754589, 2374540265, 7611753682
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640 1, 2, 6, 19, 63, 216, 760, 2723, 9880, 36168, 133237, 492993, 1829670, 6804267, 25336611, 94416842, 351989967, 1312471879, 4894023222, 18248301701
BOARD-PAIR-PILE POLYOMINOES. REF AT1 363.

641 1, 2, 6, 19, 63, 216, 760, 2725, 9910, 36446, 135268, 505861, 1903890, 7204874, 27394666, 104592937, 400795860, 1540820542
FIXED POLYOMINOES. REF AT1 363.

642 1, 2, 6, 20, 60, 176, 512, 1488, 4326, 12648, 37186, 109980, 327216, 979020, 2944414, 8897732, 27004290, 82287516
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643 1, 2, 6, 20, 70, 252, 924, 3432, 12870, 48620, 184756, 705432, 2704156, 10400600, 40116600, 155117520, 601080390, 2333606220, 9075135300, 353452638(
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644 1, 2, 6, 20, 71, 259, 961
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645 1, 2, 6, 20, 76, 312, 1384
SYMMETRIC PERMUTATIONS. REF LU1 1 221.

646 1, 2, 6, 20, 90, 544, 5096, 79264, 2208612, 113743760, 10926227136, 1956363435360, 652335084592096, 405402273420996800, 470568642161119963904
SYMMETRIC RELATIONS. REF MI1 17 21 55. MAN 174 70 67.

647 1, 2, 6, 21, 65, 221, 771, 2769, 10250, 39243, 154658, 628635, 2632420, 11353457, 50411413, 230341716
GRAPHS BY POINTS AND LINES. REF R1 146. ST1.

648 1, 2, 6, 21, 94, 512, 3485
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649 1, 2, 6, 21, 112, 853, 11117, 261080, 11716571
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650 1, 2, 6, 22, 67, 213, 744, 2609, 9016, 31427, 110384
PERFECT SQUARED RECTANGLES. REF GA1 207. BO4.

651 1, 2, 6, 22, 91, 408, 1938, 9614, 49335, 260130, 1402440, 7702632, 42975796, 243035536, 1390594458, 8038677054, 46892282815, 275750636070
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652 1, 2, 6, 22, 92, 422, 2074, 10754, 58202, 326240
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653 1, 2, 6, 22, 94, 454, 2430, 14214, 89918, 610182, 4412798
VALUES OF BELL POLYNOMIALS. REF RI1. PSPM 19 173 71.

654 1, 2, 6, 22, 101, 546, 3502, 25586, 214062, 1987516, 20599076, 232482372, 2876191276, 38228128472, 549706132536, 8408517839416, 137788390312712
TERMS IN A BORDERED SKEW DETERMINANT. REF PRSE 21 354 1896.

655 1, 2, 6, 22, 101, 573, 3836, 29228, 250749, 2409581, 25598186, 296643390, 3727542188, 50626553988, 738680521142
KENDALL-MANN NUMBERS. REF DKB 241. PGEC 19 1226 70.

656 1, 2, 6, 23, 109, 618, 4096, 31133, 267219, 2557502
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657 1, 2, 6, 24, 78, 230, 675, 2069, 6404, 19708, 60216, 183988
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658 1, 2, 6, 24, 80, 450, 2142, 17696, 112464, 1232370
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659 1, 2, 6, 24, 120, 720, 5040, 40320, 362880, 3628800, 39916800, 479001600, 6227020800, 87178291200, 1307674368000, 20922789888000, 355687428096000
FACTORIAL NUMBERS. REF AS1 833. MTAC 24 231 70.

660 1, 2, 6, 25, 135, 892, 6937, 61886
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661 1, 2, 6, 26, 135, 875
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662 1, 2, 6, 26, 147, 892, 5876, 40490
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663 1, 2, 6, 26, 159, 1347
RELATED TO NUMBER OF TOPOLOGIES. REF PURB 19 240 68.

664 1, 2, 6, 26, 166, 1626, 25510
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665 1, 2, 6, 28, 180, 662, 7266, 24568
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666 1, 2, 6, 28, 244, 2544, 35600, 659632
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667 1, 2, 6, 30, 42, 30, 66, 2730, 6, 510, 798, 330, 138, 2730, 6, 870, 14322, 510, 6, 1919190, 6, 13530, 1806, 690, 282, 46410, 66, 1590, 798, 870, 354, 56786730
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668 1, 2, 6, 30, 210, 2310, 30030, 510510, 9699690, 223092870, 6469693230, 200560490130, 7420738134810, 304250263527210, 13082761331670030
PRIME FACTORIALS. REF FMR 1 50.

669 1, 2, 6, 30, 390, 32370, 81022110, 79098077953830, 24996030489573862337427 90, 6399996109983215106481566902449146981585570
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670 1, 2, 6, 32, 353, 8390, 436399, 50468754
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671 1, 2, 6, 34, 250, 972, 15498, 766808, 5961306, 54891535, 2488870076
COEFFICIENTS FOR NUMERICAL INTEGRATION. REF MTAC 6 217 52.

672 1, 2, 6, 36, 220, 1590, 12978, 118664, 1201464, 13349610, 161530270, 2114578092, 29780308116, 448995414686, 7215997736010
3-LINE LATIN RECTANGLES. REF R1 210. DKB 263 (MULTIPLIED BY 2).

673 1, 2, 6, 36, 240, 1800, 15120, 141120, 1693440
SORTING NUMBERS. REF PSPM 19 172 71.

674 1, 2, 6, 36, 240, 1800, 16800, 191520, 2328480
SORTING NUMBERS. REF PSPM 19 172 71.

675 1, 2, 6, 36, 876, 408696, 83762796636, 3508125906207095591916, 615347368709657875844501468336878666163 4996
HYPOTHENUSAL NUMBERS. REF RS3 178 288 1887. LU1 1 496.

676 1, 2, 6, 38, 390, 6062, 134526
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677 1, 2, 6, 40, 1992, 18666624, 12813206169137152
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678 1, 2, 6, 42, 4094, 98210640
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679 1, 2, 6, 46, 522, 7970, 152166, 3487246, 93241002, 2849229890, 97949265606, 3741386059246, 157201459863882, 7205584123783010, 357802951084619046
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680 1, 2, 6, 56, 528, 6193, 86579, 1425518, 27298230, 601580875, 15116315766, 429614643062, 13711655205087, 488332318973594, 19296579341940067
INTEGERS RELATED TO BERNOULLI NUMBERS. REF MTAC 21 678 67.

681 1, 2, 6, 60, 2880, 2246400, 135862272000, 10376834265907200000, 77540115374348238323712000000000
AN OPERATIONAL RECURRENCE. REF FQ 1(1) 31 63.

682 1, 2, 6, 70, 700229
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683 1, 2, 6, 74, 169112
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684 1, 2, 7, 1, 8, 2, 8, 1, 8, 2, 8, 4, 5, 9, 0, 4, 5, 2, 3, 5, 3, 6, 0, 2, 8, 7, 4, 7, 1, 3, 5, 2, 6
6, 2, 4, 9, 7, 7, 5, 7, 2, 4, 7, 0, 9, 3, 6, 9, 9, 9, 5, 9, 5, 7, 4, 9, 6, 6, 9, 6, 7, 6, 2, 7, 7, 2, 4, (
DIGITS OF E. REF MTAC 4 14 50, 23 679 69.

685 1, 2, 7, 8, 37, 40, 200, 258, 1039, 1500
PERMUTATION GROUPS. REF JPC 33 1069 29.

686 1, 2, 7, 9, 43, 52, 303, 355, 658, 4303, 9264, 50623, 414248, 1293367, 4294349, 18470763, 41235875, 265886013, 1104779927, 4685005721, 5789785648
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687 1, 2, 7, 11, 15, 20, 24, 28, 32, 37, 41, 45, 50, 54
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688 1, 2, 7, 11, 101, 111, 1001, 2201, 10001, 10101, 11011
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689 1, 2, 7, 13, 18, 23, 28, 34, 39, 44, 49, 54, 60, 65
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690 1, 2, 7, 14, 32, 58, 110, 187, 322, 519, 839, 1302, 2015, 3032, 4542, 6668, 9738, 14006, 20036, 28324, 39830, 55473, 76875, 105692, 144629, 196585, 266038, 357952
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691 1, 2, 7, 15, 28, 45, 70, 100, 138
PARTITIONS INTO NON-INTEGRAL POWERS. REF PCPS 47 214 51.

692 1, 2, 7, 18, 28, 182, 845, 904, 5235, 36028, 74713, 526624, 977572, 4709369, 9959574, 96696762, 7724076630, 35354759457, 138217852516, 642742746639
DIGITS OF E. REF MTAC 4 14 50, 23 679 69.

693 1, 2, 7, 18, 60, 196, 704, 2500, 9189, 33896, 126759, 476270, 1802312, 6849777, 26152418, 100203198, 385221143
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694 1, 2, 7, 18, 64, 226, 856, 3306, 13248, 53794, 222717
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695 1, 2, 7, 20, 54, 148, 403, 1096, 2980, 8103, 22026, 59874, 162754, 442413, 1202604, 3269017, 8886110, 24154952, 65659969, 178482300, 485165195, 1318815734
E**N. REF MNAS 14(5) 14 25. FW1. FMR 1 230.

696 1, 2, 7, 20, 66, 212, 715, 2424, 8398, 29372, 104006, 371384, 1337220, 4847208, 17678835, 64821680, 238819350, 883629164, 3282060210, 12233125112
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697 1, 2, 7, 23, 88, 414, 2371, 16071, 125672, 1112082
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698 1, 2, 7, 23, 115, 694, 5282, 46066, 456454, 4999004, 59916028
SYMMETRIC PERMUTATIONS. REF LU1 1 222.

699 1, 2, 7, 23, 122, 888
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700 1, 2, 7, 26, 97, 362, 1351, 5042, 18817, 70226, 262087, 978122, 3650401, 13623482, 50843527, 189750626, 708158977, 2642885282, 9863382151, 36810643322
A(N) = 4A(N - 1) - A(N - 2). REF NCM 4 167 1878. MMAG 40 78 67. FQ 7 239 69.

701 1, 2, 7, 26, 107, 458, 2058, 9498, 44947, 216598, 1059952, 5251806, 26297238, 132856766, 676398395, 3466799104, 17873808798, 92630098886, 482292684506
ORIENTED ROOTED UNLABELED TREES. REF R1 138.

702 1, 2, 7, 26, 111, 562, 3151, 19252, 128449, 925226
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703 1, 2, 7, 28, 124, 588, 2938, 15268
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704 1, 2, 7, 30, 157, 972, 6961, 56660, 516901, 5225670, 57999271, 701216922, 9173819257, 129134686520, 1946194117057, 31268240559432
A(N) = NA(N - 1) + A(N - 2). REF EUR 20 15 57.

705 1, 2, 7, 31, 164, 999, 6841, 51790, 428131, 3929021
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706 1, 2, 7, 32, 181, 1214, 9403, 82508, 808393, 8743994, 103459471, 1328953592, 18414450877, 273749755382, 4345634192131, 73362643649444
A(N) = NA(N - 1) + (N - 2)A(N - 2). REF R1 188.

707 1, 2, 7, 32, 184, 1268, 10186, 93356, 960646, 10959452, 137221954, 1870087808, 27548231008, 436081302248, 7380628161076, 132975267434552
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708 1, 2, 7, 34, 209, 1546, 13327, 130922
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709 1, 2, 7, 34, 257
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710 1, 2, 7, 35, 228, 1834, 17582, 195866, 2487832, 35499576, 562356672, 9794156448, 186025364016, 3826961710272, 84775065603888, 2011929826983504
COEFFICIENTS OF ITERATED EXPONENTIALS. REF SMA 11 353 45.

711 1, 2, 7, 36, 317, 5624, 251610, 33642660, 14685630688
INCIDENCE MATRICES. REF CPM 89 217 64.

712 1, 2, 7, 37, 216, 1780
SEMIGROUPS WITH TWO IDEMPOTENTS. REF MA4 2 2 67.

713 1, 2, 7, 37, 266, 2431, 27007, 353522, 5329837, 90960751, 1733584106, 36496226977, 841146804577, 21065166341402, 569600638022431
FROM BESSEL POLYNOMIALS. REF RCI 77. RI1.

714 1, 2, 7, 38, 291, 2932, 36961, 561948, 10026505, 205608536
FORESTS OF LABELED TREES. REF JCT 5 96 68. RI1.

715 1, 2, 7, 42, 582, 21480, 2142288, 575016219, 415939243032, 816007449011040, 437440620997074731 4, 645398369387207497393 56
ANTISYMMETRIC RELATIONS. REF PAMS 4 494 53. MI1 17 23 55.

716 1, 2, 7, 44, 361, 3654, 44207, 622552, 10005041, 180713290
MODIFIED BESSEL FUNCTIONS. REF AS1 429.

717 1, 2, 7, 44, 447, 6749, 142176, 3987677, 143698548, 6470422337, 356016927082350358760981 5, 1833635850492653, 166884365982441238
A(N) = N(N - 1)A(N - 1)/2 + A(N - 2).

718 1, 2, 7, 56, 2212, 2595782, 3374959180831, 569518350448923906748438 7, 162175575749223863014205312770713651031687342842 82
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719 1, 2, 7, 60, 13733
SWITCHING NETWORKS. REF JFI 276 317 63.

720 1, 2, 7, 97, 18817, 708158977, 1002978273411373057, 201193083387051801141281782605 1050497
A(N) = 2A(N - 1)**2 - 1. REF D12 1 399.

721 1, 2, 7, 111, 308063, 100126976263592
BOOLEAN FUNCTIONS. REF HA2 153 (DIVIDED BY 2).

722 1, 2, 7, 124, 494298
SWITCHING NETWORKS. REF JFI 276 317 63.

723 1, 2, 7, 1172, 36325278240, 1827297478706355168798634830633 6
INVERTIBLE BOOLEAN FUNCTIONS. REF PGEC 13 530 64.

SEQUENCES BEGINNING 1, 2, 8 THROUGH 1, 2, 10

724 1, 2, 8, 9, 10, 11, 15, 19, 21, 22, 25, 26, 27, 28, 30, 31, 34, 40, 42, 45, 46, 47, 50, 55, 57, 58, 59, 62, 64, 65, 66, 70, 74, 75, 78, 79, 80, 84, 86, 94, 96, 97, 98, 100, 101, 103
NUMBERS WITH AN EVEN NUMBER OF PARTITIONS. REF JLMS 1 226 26. MTAC 21 470 67.

725 1, 2, 8, 10, 24, 53, 74, 153, 280, 436, 793, 1322, 2085, 3510, 5648, 8796
COEFFICIENTS OF MODULAR FUNCTIONS. REF PLMS 9 385 59.

726 1, 2, 8, 19, 41, 78, 134, 218
PARTITIONS INTO NON-INTEGRAL POWERS. REF PCPS 47 214 51.

727 1, 2, 8, 20, 80, 350, 1232, 5768, 31040, 142010, 776600, 4874012, 27027728, 168369110, 1191911840, 7678566800, 53474964992, 418199988338
PERMUTATIONS OF ORDER EXACTLY 3. REF CJM 7 159 55.

728 1, 2, 8, 20, 152, 994, 7868, 70152, 695760
FROM MENAGE POLYNOMIALS. REF R1 197.

729 1, 2, 8, 21, 48, 99, 186
PARTITIONS INTO NON-INTEGRAL POWERS. REF PCPS 47 214 51.

730 1, 2, 8, 26, 80, 268, 944, 3474, 13072, 49672, 191272, 744500
MAGNETISATION FOR DIAMOND LATTICE. REF PHA 29 382 63.

731 1, 2, 8, 29, 166, 1023
POLYOMINOES MADE FROM CUBES. REF FQ 3 19 65. BO4.

732 1, 2, 8, 34, 136, 538, 2080, 7970, 30224, 113874
SERIES-PARALLEL NUMBERS. REF R1 142.

733 1, 2, 8, 34, 152, 714, 3472, 17318, 88048
MAGNETISATION FOR SQUARE LATTICE. REF PHA 22 934 56.

734 1, 2, 8, 36, 184, 1110, 7776, 62216, 559952, 5599530, 61594840, 739138092, 9608795208, 134523132926, 2017846993904, 32285551902480
GENERATING PERMUTATIONS. REF CJ1 13 155 70.

735 1, 2, 8, 38, 192, 1002, 5336, 28814, 157184, 864146, 4780008, 26572086, 148321344, 830764794, 4666890936
BINOMIAL COEFFICIENT SUMS. REF AMM 43 29 36.

736 1, 2, 8, 38, 212, 1370, 10112, 84158, 780908, 8000882
BINOMIAL COEFFICIENT SUMS. REF CJM 22 26 70.

737 1, 2, 8, 40, 240, 1680, 13440, 120960, 1209600, 13305600
GENERALIZED TANGENT NUMBERS. REF TOH 42 152 36.

738 1, 2, 8, 42, 268, 1994, 16852
SORTING NUMBERS. REF PSPM 19 173 71.

739 1, 2, 8, 42, 296, 2635
POLYTOPES. REF JCT 7 157 69.

740 1, 2, 8, 44, 436, 7176, 222368
SELF-CONVERSE RELATIONS. REF MAT 13 157 66.

741 1, 2, 8, 44, 490, 14074, 1349228
THRESHOLD FUNCTIONS. REF PGEC 19 823 70.

742 1, 2, 8, 48, 384, 3840, 46080, 645120, 10321920, 185794560, 3715891200, 81749606400, 1961990553600, 51011754393600, 1428329123020800
DOUBLE FACTORIALS, (2N).FACTORIAL N. REF AMM 55 425 48. MTAC 24 231 70.**

743 1, 2, 8, 50, 416, 4322, 53888, 783890, 13031936, 243733442, 5064892768
FROM FIBONACCI SUMS. REF FQ 5 48 67.

744 1, 2, 8, 50, 418, 4348, 54016, 779804, 12824540, 236648024, 4841363104, 108748223128, 2660609220952, 70422722065040, 2005010410792832
A(N) = (2N - 1)A(N - 1) - (N - 1)A(N - 2). REF AJM 2 94 1879. LU1 1 223.

745 1, 2, 8, 60, 320, 1980, 10512, 60788, 320896, 1787904, 9381840, 51081844
FOLDING A MAP. REF CJ1 14 77 71.

746 1, 2, 8, 60, 672, 9953, 184557, 4142631, 109813842, 3373122370, 11828069039, 4678086540493, 206625802351035, 10107719377251109, 543762148079927802
EVEN GRAPHS. REF CJM 8 410 56. CA3.

747 1, 2, 8, 72, 1536, 86080, 14487040
MAJORITY DECISION FUNCTIONS. REF MTAC 16 471 62.

748 1, 2, 8, 75, 8949, 11964723
CONTINUED COTANGENT FOR E. REF DMJ 4 339 38.

749 1, 2, 8, 96, 1152, 7680, 18432
FROM HIGHER ORDER BERNOULLI NUMBERS. REF NO1 459.

750 1, 2, 8, 96, 4608, 798720, 361267200
FOLDING A MAP. REF CJ1 14 77 71.

751 1, 2, 8, 96, 10368, 108615168, 11798392572168192, 139202068568601556987554268864512
A NONLINEAR RECURRENCE. REF SA2.

752 1, 2, 8, 214, 10740500
SWITCHING NETWORKS. REF JFI 276 317 63.

753 1, 2, 8, 502, 547849868
SWITCHING NETWORKS. REF JFI 276 317 63.

754 1, 2, 9, 4, 28, 18, 118, 80, 504, 466, 1631, 2160, 5466, 7498
COEFFICIENTS OF MODULAR FUNCTIONS. REF PLMS 9 384 59.

755 1, 2, 9, 9, 50, 267, 413, 2180, 17731, 50533, 110176, 1966797, 9938669, 863871
278475061, 2540956509, 9816860358, 27172288399, 725503033401
EXPANSION OF EXP(1 - EXP(X)). REF JIA 76 153 50.

756 1, 2, 9, 20, 149, 467, 237385, 237852, 1426645, 7371077, 8797722, 16168799, 24966521, 66101841, 91068362, 157170203, 3863153234, 4020323437
CONVERGENTS TO CUBE ROOT OF 6. REF AMP 46 107 1866. LE1 67. HPR.

757 1, 2, 9, 20, 670
CUTTING NUMBERS OF GRAPHS. REF CSA 149.

758 1, 2, 9, 28, 101, 342, 1189, 4088, 14121, 48682, 167969, 579348, 1998541, 6893822, 23780349, 82029808, 282961361, 976071762, 3366950329, 11614259468
A(N) = 2A(N - 1) + 5A(N - 2). REF MQET 1 11 16.

759 1, 2, 9, 28, 185, 846, 7777, 47384, 559953
LOGARITHMIC NUMBERS. REF MST 31 78 63.

760 1, 2, 9, 31, 109, 399, 1043, 2998, 8406, 22652, 59521, 151958, 379693, 927622, 2224235, 5236586, 12130780, 27669593, 62229990, 138095696, 302673029
BIPARTITE PARTITIONS. REF PCPS 49 72 53. NI1 1.

761 1, 2, 9, 34, 119, 401, 1316, 4247, 13532, 42712
PARTIALLY LABELED ROOTED TREES. REF R1 134.

762 1, 2, 9, 35, 132, 494, 1845, 6887, 25704, 95930, 358017, 1336139, 4986540, 18610022, 69453549, 259204175, 967363152, 3610248434, 13473630585, 50284273907
FROM THE SOLUTION TO A PELLIAN. REF AMM 56 175 49.

763 1, 2, 9, 37, 183, 933, 5314
RELATIONS ON AN INFINITE SET. REF MAN 174 67 67.

764 1, 2, 9, 38, 161, 682, 2889, 12238, 51841, 219602, 930249, 3940598, 16692641, 70711162, 299537289, 1268860318, 5374978561, 22768774562, 96450076809
A(N) = 4A(N – 1) + A(N – 2). REF TH2 282.

765 1, 2, 9, 40, 355, 11490, 7758205, 549758283980
PRECOMPLETE POST FUNCTIONS. REF SMD 10 619 69. RO3.

766 1, 2, 9, 44, 265, 1854, 14833, 133496, 1334961, 14684570, 176214841, 2290792932, 32071101049, 481066515734, 7697064251745, 130850092279664
SUBFACTORIAL OR RENCONTRES NUMBERS. REF R1 65. DB1 168. RYS 23. MTAC 21 502 67. CO1 2 12.

767 1, 2, 9, 49, 306, 2188, 17810, 162482, 1642635, 18231462, 220420179, 2883693795, 40592133316, 611765693528, 9828843229764, 167702100599524
MODIFIED BESSEL FUNCTIONS. REF AS1 429. HPR.

768 1, 2, 9, 54, 378, 2916, 24057, 208494, 1876446, 17399772, 165297834, 1602117468, 15792300756, 157923007560, 1598970451545, 16365932856990
ROOTED MAPS. REF CJM 15 254 63. JCT 3 121 67.

769 1, 2, 9, 54, 450, 4500, 55125, 771750, 12502350
EXPANSION OF AN INTEGRAL. REF CO1 1 176.

770 1, 2, 9, 60, 525, 5670, 72765, 1081080, 18243225
EXPANSION OF AN INTEGRAL. REF CO1 1 176.

771 1, 2, 9, 64, 625, 7776, 117649, 2097152, 43046721, 1000000000, 25937424601, 743008370688, 23298085122481, 793714773254144, 29192926025390625
N(N – 1). REF BA1. R1 128.**

772 1, 2, 9, 88, 1802, 75598, 6421599, 1097760312, 376516036188, 258683018091900, 355735062429124915, 97878641399693400627 2
NUMBER OF FULL SETS. REF PAMS 13 828 62.

773 1, 2, 9, 96, 2500, 162000, 26471025, 11014635520, 11759522374656, 32406091200000000, 231627686043080250000, 43115006617038603878400000
PRODUCT OF BINOMIAL COEFFICIENTS. REF AS1 828.

774 1, 2, 9, 443, 11211435
SWITCHING NETWORKS. REF JFI 276 317 63.

775 1, 2, 10, 4, 40, 92, 352, 724, 2680, 14200, 73712, 365596
QUEENS PROBLEM. REF PSAM 10 93 60. LI2.

776 1, 2, 10, 12, 21, 102, 111, 122, 201, 212, 1002, 1011, 1101, 1112, 1121, 1202, 1222, 2012, 2021, 2111, 2122, 2201, 2221, 10002, 10022, 10121, 10202, 10211, 10222
PRIMES IN TERNARY. REF EUR 23 23 60.

777 1, 2, 10, 28, 106, 344, 1272, 4592, 17692, 69384
SYMMETRIC PERMUTATIONS. REF LU1 1 222.

778 1, 2, 10, 30, 70, 140, 252, 420, 660, 990
RELATED TO BINOMIAL MOMENTS. REF JO2 449.

779 1, 2, 10, 36, 145, 560, 2197, 8568, 33490, 130790, 510949, 1995840, 7796413, 30454814, 118965250, 464711184, 1815292333, 7091038640, 27699580729
PRODUCT OF FIBONACCI AND PELL NUMBERS. REF FQ 3 213 65.

780 1, 2, 10, 36, 720, 5600, 703760, 11220000
SELF-COMPLEMENTARY GRAPHS. REF JLMS 38 103 63.

781 1, 2, 10, 56, 346, 2252, 15184, 104960, 739162, 5280932, 38165260, 278415920, 2046924400, 15148345760, 112738423360, 843126957056, 6332299624282
CARD MATCHING. REF R1 193.

782 1, 2, 10, 74, 518, 3934, 29914
WALKS ON A DIAMOND LATTICE. REF PCPS 58 100 62.

783 1, 2, 10, 74, 706, 8162, 109960
A PROBLEM OF CONFIGURATIONS. REF CJM 4 25 52.

784 1, 2, 10, 104, 3044, 291968, 96928992, 112282908928, 458297100061728, 6666621572153927936, 34939054549349983916 1856
UNRESTRICTED RELATIONS. REF PAMS 4 494 53. MI1 17 19 55. MAN 174 66 67.

785 1, 2, 10, 208, 615904, 200253951911058
NONDEGENERATE BOOLEAN FUNCTIONS. REF PGEC 14 323 65.

786 1, 2, 10, 2104, 13098898366
SWITCHING NETWORKS. REF JFI 276 317 63.

SEQUENCES BEGINNING 1, 2, 11, 1, 2, 12, ...

787 1, 2, 11, 23, 24, 26, 33, 47, 49, 50, 59, 73, 74, 88, 96, 97, 107, 121, 122, 146, 169, 177, 184, 191, 193, 194, 218, 239, 241, 242, 249, 289, 297, 299, 311, 312, 313, 337, 338
FORMING PERFECT SQUARES. REF MMAG 37 218 64.

788 1, 2, 11, 32, 50, 132, 380, 368, 1135
THE NO-THREE-IN-LINE PROBLEM. REF GU3. WE1 124.

789 1, 2, 11, 35, 85, 175, 322, 546, 870, 1320, 1925, 2717, 3731, 5005, 6580, 8500, 10812, 13566, 16815, 20615, 25025, 30107, 35926, 42550, 50050, 58500, 67977, 78561
STIRLING NUMBERS OF FIRST KIND. REF AS1 833. DKB 226.

790 1, 2, 11, 38, 946, 4580, 202738, 3786092, 261868876, 1992367192, 2381255244240
RELATED TO ZEROS OF BESSEL FUNCTION. REF MTAC 1 406 45.

791 1, 2, 11, 46, 128, 272, 522, 904, 1408, 2160, 3154
GENERALIZED TANGENT NUMBERS. REF MTAC 21 690 67.

792 1, 2, 11, 62, 406, 3046, 25737, 242094
PERMUTATIONS WITH 1 3-SEQUENCE. REF BAMS 51 748 45.

793 1, 2, 11, 64, 426, 3216, 27240, 256320, 2656080, 30078720, 369774720, 4906137600, 69894316800, 1064341555200, 17255074636800, 296754903244800
DIFFERENCES OF FACTORIAL NUMBERS. REF JRAM 198 61 57.

794 1, 2, 11, 123, 1364, 15127, 167761, 1860498, 20633239, 228826127, 2537720636, 28143753123, 312119004989, 3461452808002, 38388099893011
RELATED TO BERNOULLI NUMBERS. REF RCI 139.

795 1, 2, 11, 590, 7644658
SWITCHING NETWORKS. REF JFI 276 317 63.

796 1, 2, 12, 8, 720, 288, 60480, 17280, 3628800, 89600, 95800320, 17418240, 2615348736000, 402361344000, 4483454976000, 98402304, 32011868528640000
FROM BERNOULLI POLYNOMIALS. REF JM2 22 49 43.

797 1, 2, 12, 24, 720, 160, 60480, 24192, 3628800, 1036800, 479001600, 788480, 2615348736000, 475517952000, 31384184832000, 689762304000
DENOMINATORS OF LOGARITHMIC NUMBERS. REF JM2 22 49 43. MTAC 20 465 66.

798 1, 2, 12, 32, 110, 310, 920
ALKYLS. REF ZFK 93 437 36.

799 1, 2, 12, 48, 160, 480, 1344, 3584, 9216, 23040, 56320, 135168
COEFFICIENTS OF HERMITE POLYNOMIALS. REF AS1 801.

800 1, 2, 12, 58, 300, 1682, 10332, 69298, 505500
PERMUTATIONS BY NUMBER OF SEQUENCES. REF CO1 2 103.

801 1, 2, 12, 60, 292, 1438, 7180, 36566
COLORED SERIES-PARALLEL NETWORKS. REF R1 159.

802 1, 2, 12, 70, 408, 2378, 13860, 80782, 470832, 2744210, 15994428, 93222358, 543339720, 3166815962, 18457556052, 107578520350, 627013566048
A(N) = 6A(N – 1) – A(N – 2). REF NCM 4 166 1878. ANN 30 72 28. AMM 75 683 68.

803 1, 2, 12, 70, 442, 3108, 24216, 208586, 1972904, 20373338, 228346522, 2763259364, 35927135944
PERMUTATIONS BY LENGTH OF RUNS. REF DKB 262.

804 1, 2, 12, 71, 481, 3708, 32028
PERMUTATIONS WITH 2 3-SEQUENCES. REF BAMS 51 748 45.

805 1, 2, 12, 72, 240, 2400, 907200, 4233600, 25401600, 1371686400
RELATED TO NUMERICAL INTEGRATION FORMULAS. REF MTAC 11 198 57.

806 1, 2, 12, 72, 720, 7200, 100800, 1411200, 24501600
SORTING NUMBERS. REF PSPM 19 172 71.

807 1, 2, 12, 72, 1440, 7200, 302400, 4233600, 101606400, 914457600, 100590336000
COEFFICIENTS FOR STEP-BY-STEP INTEGRATION. REF JACM 11 231 64.

808 1, 2, 12, 120, 1680, 30240, 665280, 17297280, 518918400, 17643225600, 670442572800, 28158588057600, 1295295050649600, 64764752532480000
COEFFICIENTS OF HERMITE POLYNOMIALS. REF MTAC 3 168 48.

809 1, 2, 12, 146, 3060, 101642, 5106612
CONNECTED LABELED PARTIALLY ORDERED SETS. REF WR1.

810 1, 2, 12, 152, 3472, 126752, 6781632, 500231552, 48656756992, 6034272215
929227412759552
EXPANSION OF COSH X / COS X. REF MMAG 34 37 60.

811 1, 2, 12, 288, 34560, 24883200, 125411328000, 5056584744960000, 1834933472251084800000, 6658606584104736522240000000
PRODUCT OF FIRST N FACTORIALS. REF FMR 1 50. RYS 53.

812 1, 2, 12, 576, 161280, 812851200, 61479419904000, 1087760324590829568
TOTAL NUMBER OF LATIN SQUARES. REF R1 210. RYS 53. FY1 22. RMM 193. JCT 3 98 67

813 1, 2, 12, 2828, 8747130342
SWITCHING NETWORKS. REF JFI 276 317 63.

814 1, 2, 13, 44, 205, 806, 3457, 14168, 59449, 246410, 1027861, 4273412, 17797
74055854, 308289865, 1283082416, 5340773617, 22229288978, 92525540509
A(N) = 2A(N – 1) + 9A(N – 2). REF MQET 1 11 16.

815 1, 2, 13, 80, 579, 4738, 43387, 439792, 4890741, 59216642, 775596313, 10927434464, 164806435783, 2649391469058, 45226435601207, 817056406224416
MENAGE NUMBERS. REF CJM 10 478 58. R1 197.

816 1, 2, 13, 116, 1393, 20894, 376093, 7897952, 189550849, 5117872922, 153536187661, 5066694192812, 182400990941233, 7113638646708086
PERMUTATIONS WITH NO CYCLES OF LENGTH 3. REF R1 83.

817 1, 2, 14, 72, 330, 1430, 6006, 24052, 100776, 396800, 1634380, 6547520
PARTITIONS OF A POLYGON BY NUMBER OF PARTS. REF CAY 13 95.

818 1, 2, 14, 90, 646, 5242, 47622, 479306, 5296790, 63779034
HERTZSPRUNGS PROBLEM. REF IDM 26 121 19. AH1 271. AMS 38 1253 67.

819 1, 2, 14, 182, 3614, 99302, 3554894, 159175382
QUADRATIC INVARIANTS. REF CJM 8 310 56.

820 1, 2, 15, 60, 469, 3660, 32958, 328920
FROM MENAGE POLYNOMIALS. REF R1 197.

821 1, 2, 15, 84, 420, 1980, 9009, 40040
COEFFICIENTS FOR EXTRAPOLATION. REF SE2 97.

822 1, 2, 15, 148, 1785, 26106, 449701, 8927192, 200847681
TOTAL HEIGHT OF LABELED TREES. REF IBMJ 4 478 60.

823 1, 2, 15, 150, 1707, 20910, 268616, 3567400, 48555069, 673458874, 9481557
135119529972, 1944997539623, 28235172753886
COEFFICIENTS OF JACOBI NOME. REF BAMS 48 738 42. MTAC 3 234 48. CACM 4 317 61.

824 1, 2, 16, 88, 416, 1824, 7680, 31616, 128512, 518656, 2084864, 8361984, 33497088, 134094848
PERMUTATIONS BY LENGTH OF RUNS. REF DKB 261.

825 1, 2, 16, 96, 512, 2560, 12288, 57344, 262144, 1179648, 5242880, 23068672, 100663296, 436207616
COEFFICIENTS OF CHEBYSHEV POLYNOMIALS. REF LA4 518.

826 1, 2, 16, 130, 1424, 23682
COEFFICIENTS OF BELLS FORMULA. REF NMT 10 65 62.

827 1, 2, 16, 134, 1164, 10982, 112354, 1245676, 14909340, 191916532, 2646066034, 38932027996
PERMUTATIONS BY LENGTH OF RUNS. REF DKB 262.

828 1, 2, 16, 136, 1232, 12096, 129024, 1491840, 18627840
GENERALIZED TANGENT NUMBERS. REF TOH 42 152 36.

829 1, 2, 16, 272, 7936, 353792, 22368256, 1903757312, 209865342976, 29088885112832, 4951498053124096, 1015423886506852352
TANGENT NUMBERS. REF MTAC 21 672 67.

830 1, 2, 16, 980, 9332768
COMPLETE POST FUNCTIONS. REF ZML 7 198 61. PLMS 16 191 66.

831 1, 2, 17, 40, 5126, 211888, 134691268742, 28539643139633848, 24435336916129483226275636389321O2
A SIMPLE RECURRENCE. REF MMAG 37 167 64.

832 1, 2, 17, 62, 1382, 21844, 929569, 6404582, 443861162, 18888466084, 113927491862, 58870668456604, 8374643517010684, 689005380505609448
MULTIPLES OF BERNOULLI NUMBERS. REF RO2 329. FMR 1 74.

833 1, 2, 17, 5777, 192900153617, 717790523757994658974359292468417 7
A(N) = A(N – 1)3 + 3A(N – 1)**2 – 3. REF CR 83 1287 1876. DI2 1 397.**

834 1, 2, 18, 144, 1200, 10800, 105840, 1128960, 13063680, 163296000, 2195424000, 31614105600
COEFFICIENTS OF LAGUERRE POLYNOMIALS. REF AS1 799.

835 1, 2, 20, 104, 775, 6140, 55427
HIT POLYNOMIALS. REF RI3.

836 1, 2, 20, 110, 2600, 16150, 208012, 1376550, 74437200, 511755750, 7134913500, 50315410002, 1433226830360
COEFFICIENTS OF LEGENDRE POLYNOMIALS. REF MTAC 3 17 48.

837 1, 2, 20, 120, 560, 2240, 8064, 26880, 84480, 253440, 732160, 2050048, 5591040, 14909440, 38993920, 100270080, 254017536, 635043840, 1568931840
PRODUCT OF BINOMIAL COEFFICIENTS. REF MFM 74 62 70.

838 1, 2, 20, 144, 1265, 12072, 126565, 1445100, 17875140, 238282730, 3407118041, 52034548064, 845569542593, 14570246018686, 265397214435860
DISCORDANT PERMUTATIONS. REF SMA 20 23 54. KYU 10 13 56.

839 1, 2, 20, 198, 1960, 19402, 192060, 1901198, 18819920, 186298002, 1844160100, 18255302998, 180708869880, 1788833395802, 17707625088140
A(N) = 10A(N – 1) – A(N – 2). REF TH2 281.

840 1, 2, 20, 198, 2048, 22468, 264538, 3340962, 45173518, 652197968, 10024549190
PERMUTATIONS BY LENGTH OF RUNS. REF DKB 262.

841 1, 2, 20, 210, 2520, 34650, 540540, 9459450, 183783600, 3928374450, 91662070500, 2319050383650, 63246828645000, 1849969737866250
ASSOCIATED STIRLING NUMBERS. REF TOH 37 259 33. JO2 152. DB1 296. CO1 2 98.

842 1, 2, 20, 402, 14440, 825502, 69055260, 7960285802, 1209873973712
SOME SPECIAL NUMBERS. REF FMR 1 77.

843 1, 2, 22, 164, 1030, 5868, 31388, 160648, 795846, 3845020
ROOTED PLANAR MAPS. REF BAMS 74 74 68.

844 1, 2, 23, 44, 563, 3254, 88069, 11384, 1593269, 15518938, 31730711, 186 3788707301, 5776016314
SUMS OF RECIPROCALS. REF RO2 313. FMR 1 89.

845 1, 2, 24, 11, 1085, 2542, 64344, 56415, 4275137
SUMS OF LOGARITHMIC NUMBERS. REF MST 31 77 63.

846 1, 2, 24, 48, 5760, 11520, 35840, 215040, 51609600, 103219200, 1362493
COEFFICIENTS FOR NUMERICAL DIFFERENTIATION. REF PHM 33 13 42.

847 1, 2, 24, 140, 1232, 11268, 115056
FROM MENAGE POLYNOMIALS. REF R1 197.

848 1, 2, 24, 180, 1120, 6300, 33264, 168168
COEFFICIENTS FOR EXTRAPOLATION. REF SE2 93.

849 1, 2, 24, 272, 3424, 46720, 676608, 10251520, 160900608
ALMOST CUBIC MAPS. REF PL2 1 292 70.

850 1, 2, 24, 312, 4720, 82800, 1662024, 37665152, 952401888, 26602156800 813815035000, 27069937855488, 972940216546896, 37581134047987712
TREES BY TOTAL HEIGHT. REF JA1 10 281 69.

851 1, 2, 24, 552, 21280, 1073760, 70299264, 5792853248, 587159944704, 71822743499520, 10435273503677440, 1776780700509416448
3-LINE LATIN RECTANGLES. REF PLMS 31 336 28. BU2 33 124 41. JMSJ 1(4) 241 50. I 210.

852 1, 2, 24, 912, 87360, 19226880, 9405930240
COLORED GRAPHS. REF CJM 22 596 70.

853 1, 2, 24, 40320, 20922789888000, 263130836933693530167218012160000
INVERTIBLE BOOLEAN FUNCTIONS. REF PGEC 13 530 64.

854 1, 2, 26, 50, 54, 126, 134, 246, 354, 362, 950
11.2N – 1 IS PRIME. REF MTAC 22 421 68.**

855 1, 2, 26, 938, 42800, 2130458
SETS WITH A CONGRUENCE PROPERTY. REF MFC 15 316 65.

856 1, 2, 28, 182, 4760, 31654, 428260, 2941470, 163761840, 1152562950, 16381761396, 117402623338
COEFFICIENTS OF LEGENDRE POLYNOMIALS. REF MTAC 3 17 48.

857 1, 2, 28, 236, 1852, 14622, 119964, 1034992
PERMUTATIONS BY NUMBER OF SEQUENCES. REF CO1 2 103.

858 1, 2, 30, 3522, 1066590, 604935042, 551609685150, 737740947722562,
1360427147514751710, 3308161927353377294082
GENERALIZED EULER NUMBERS. REF MTAC 21 689 67.

859 1, 2, 34, 5678, 910111213141516171819202122232425262728293031323334353 6
EACH TERM DIVIDES THE NEXT. REF JRM 3 40 70.

860 1, 2, 36, 840, 29680, 1429920, 90318144, 7237943552, 717442928640
3-LINE LATIN RECTANGLES. REF PLMS 31 336 28. BU2 33 125 41.

861 1, 2, 37, 329, 1501, 31354, 1451967, 39284461, 737652869
RELATED TO MENAGE NUMBERS. REF BU2 39 83 47.

862 1, 2, 44, 1008, 34432, 1629280, 101401344, 8030787968, 788377273856
RELATED TO LATIN RECTANGLES. REF BU2 33 125 41.

863 1, 2, 46, 406, 718, 832, 950, 1148, 1648, 1698, 3990, 39880, 59012, 65300, 89478,
317722
CLASS NUMBERS OF QUADRATIC FIELDS. REF MTAC 24 447 70.

864 1, 2, 46, 3362, 515086, 135274562, 54276473326, 30884386347362,
23657073914466766, 2347105905747898 1762, 2927935785185659513 5406
GENERALIZED TANGENT NUMBERS. REF MTAC 21 690 67.

865 1, 2, 46, 7970, 3487246, 2849229890, 3741386059246, 7205584123783010,
19133892392367261646, 67000387673723462963330
GENERALIZED EULER NUMBERS. REF MTAC 21 689 67.

866 1, 2, 48, 5824, 2887680, 5821595648
COUNTING BINARY MATRICES. REF JSIAM 20 377 71.

867 1, 2, 49, 629, 6961, 38366, 1899687, 133065253, 6482111309
RELATED TO 3-LINE LATIN RECTANGLES. REF BU2 39 72 47.

868 1, 2, 52, 142090700, 178447019405011236406818161 60
INVERTIBLE BOOLEAN FUNCTIONS. REF PGEC 13 350 64.

869 1, 2, 56, 16256, 1073709056
COMPLETE POST FUNCTIONS. REF PLMS 16 191 66.

870 1, 2, 60, 836, 9576, 103326, 1106820
PERMUTATIONS BY NUMBER OF SEQUENCES. REF CO1 2 103.

871 1, 2, 88, 3056, 319616, 18940160, 283936226304
FROM HIGHER ORDER BERNOULLI NUMBERS. REF NO1 462.

872 1, 2, 136, 22377984, 768614354122719232,
3544607988759838637492706709151 41632
RELATIONS WITH THREE ARGUMENTS. REF OB1.

873 1, 2, 154, 2270394624
INVERTIBLE BOOLEAN FUNCTIONS. REF JACM 10 27 63.

874 1, 2, 720, 620448401733239439360000
FACTORIAL (FACTORIAL N). REF MTAC 24 231 70.

875 1, 2, 32896, 402975273205975947935744
RELATIONS WITH FOUR ARGUMENTS. REF OB1.

SEQUENCES BEGINNING 1, 3

876 1, 3, 0, 5, 3, 7, 8, 3, 15, 22, 15, 39, 35, 38, 72, 85, 111, 152, 175, 241, 308, 414,
551, 655, 897, 1164, 1463, 2001, 2538, 3286, 4296, 5503, 7259, 9357, 12147, 15910
FROM SYMMETRIC FUNCTIONS. REF PLMS 23 310 23.

877 1, 3, 0, 9, 5, 7, 12, 6, 15, 13, 3, 9, 17, 4, 21, 3, 23, 16, 21, 25, 15, 20, 1, 5, 27, 18
30, 12, 19, 27, 35, 9, 37, 25, 39, 15, 2, 30, 24, 10, 29, 21, 39, 31, 3, 43, 40, 45, 15, 47, 4
QUADRATIC PARTITIONS OF PRIMES. REF CU2 1. LE1 55.

878 1, 3, 1, 2, 2, 4, 2, 6, 1, 8, 2, 10, 2, 5, 4, 14, 3, 16, 2, 7, 4, 20, 4, 10, 5, 18, 4, 26, 2
28, 8, 16, 7, 8, 6, 34, 8, 20, 4, 38, 3, 40, 8, 12, 10, 44, 8, 28, 5, 30, 10, 50, 9, 16, 8, 33, 4
SOLUTIONS TO A SYSTEM OF CONGRUENCES. REF AMM 41 585 34.

879 1, 3, 1, 3, 11, 9, 8, 27, 37, 33, 67, 117, 131, 192, 341, 459, 613, 999, 1483, 2013
3032, 4623, 6533, 9477, 14311, 20829, 30007, 44544, 65657, 95139, 139625, 206091
ASSOCIATED MERSENNE NUMBERS. REF EUR 11 22 49.

880 1, 3, 1, 4, 1, 5, 9, 2, 6, 5, 3, 5, 8, 9, 7, 9, 3, 2, 3, 8, 4, 6, 2, 6, 4, 3, 3, 8, 3, 2, 7, 9,
0, 2, 8, 8, 4, 1, 9, 7, 1, 6, 9, 3, 9, 9, 3, 7, 5, 1, 0, 5, 8, 2, 0, 9, 7, 4, 9, 4, 4, 5, 9, 2, 3, 0, 7,
DIGITS OF PI. REF MTAC 16 80 62.

881 1, 3, 1, 5, 3, 7, 1, 9, 5, 11, 3, 13, 7, 15, 1, 17, 9, 19, 5, 21, 11, 23, 3, 25, 13, 27, 7
29, 15, 31, 1, 33, 17, 35, 9, 37, 19, 39, 5, 41, 21, 43, 11, 45, 23, 47, 3, 49, 25, 51, 13, 53
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882 1, 3, 1, 5, 3, 15, 3, 20, 1, 1, 1, 32, 37, 22, 36, 8, 36, 10, 1, 7, 49, 48, 23, 77, 92, 8
13, 95, 49, 1, 17, 95, 30, 96, 66, 132, 67, 107, 3, 50, 148, 25, 52, 175, 167, 109, 143, 20
FERMAT QUOTIENTS. REF BE4 35 666 13. LE1 10.

883 1, 3, 1, 5, 7, 3, 17, 11, 23, 45, 1, 91, 89, 93, 271, 85, 457, 627, 287, 1541, 967,
2115, 4049, 181, 8279, 7917, 8641, 24475, 7193, 41757, 56143, 27371, 139657, 84915
A(N) = -A(N – 1) – 2A(N – 2). REF JA2 82.

884 1, 3, 1, 6, 1, 7, 4, 8, 1, 16, 1, 10, 9, 15, 1, 21, 1, 22, 11, 14, 1, 36, 6, 16, 13, 28, 1
42, 1, 31, 15, 20, 13, 55, 1, 22, 17, 50, 1, 54, 1, 40, 33, 26, 1, 76, 8, 43, 21, 46, 1, 66, 17
SUM OF THE DIVISORS OF N. REF AS1 840.

885 1, 3, 1, 11, 43, 19, 683, 2731, 331, 43691, 174763, 5419, 2796203, 251, 87211, 5
715827883, 67, 281, 1777, 22366891, 83, 2932031007403, 18837001, 283
SMALLEST PRIMITIVE FACTOR OF 2(2N + 1) + 1. REF KR1 2 85.**

886 1, 3, 1, 11, 43, 19, 683, 2731, 331, 43691, 174763, 5419, 2796203, 4051, 87211,
3033169, 715827883, 20857, 86171, 25781083, 22366891, 8831418697
LARGEST FACTOR OF 2(2N + 1) + 1. REF KR1 2 85.**

887 1, 3, 1, 19, 25, 11, 161, 227, 681, 1019, 3057, 5075, 15225, 29291, 55105, 342
233801, 439259, 269201, 1856179, 3471385, 6219851, 1882337, 5647011
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888 1, 3, 2, 1, 5, 23, 25, 27, 49, 74, 62, 85
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889 1, 3, 2, 1, 7, 4, 1, 1, 8, 5, 2, 9, 8, 2, 1, 6, 8, 5, 2, 3, 8, 5, 4, 8, 5, 9, 9, 7, 0, 9, 4, 3, 5, 2, 2, 3, 3, 8, 5, 4, 3, 6, 6, 2, 0, 6, 2, 4, 8, 3, 7, 3, 4, 8, 7, 3, 1, 2, 3, 7, 5, 9, 2, 5, 6, 0, 6, 2, 2
MIX PI AND E. REF EUR 13 11 50.

890 1, 3, 2, 1, 9, 5, 8, 3, 1, 19, 10, 7, 649, 15, 4, 1, 33, 17, 170, 9, 55, 197, 24, 5, 1, 51, 26, 127, 9801, 11, 1520, 17, 23, 35, 6, 1, 73, 37, 25, 19, 2049, 13, 3482, 199, 161
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891 1, 3, 2, 5, 5, 4, 2, 9, 5, 8, 5, 13, 12, 8, 5, 17, 8, 6, 11, 14, 11, 23, 7, 23, 26, 11, 16, 14, 15, 31, 10, 28, 16, 24, 15, 37, 9, 39, 16, 20, 27, 20, 31, 14, 43, 47, 23, 32, 20, 51, 17
RELATED TO PERFECT POWERS. REF FQ 8 268 70.

892 1, 3, 2, 45, 72, 105, 6480, 42525, 22400, 56133, 32659200, 7882875
RELATED TO CHEBYSHEV INTEGRATION FORMULA. REF JM2 26 192 47.

893 1, 3, 2, 115, 11, 5887, 151, 259723, 15619, 381773117, 655177, 20646903199, 27085381, 467168310097, 2330931341
VALUES OF AN INTEGRAL. REF PHM 36 295 45. MTAC 19 114 65.

894 1, 3, 3, 1, 3, 5, 3, 7, 1, 9, 9, 5, 3, 9, 9, 3, 11, 1, 9, 11, 7, 15, 15, 13, 3, 15, 9, 11, 17, 5, 13, 7, 3, 15, 19, 3, 11, 9, 19, 21, 21, 13, 15, 21, 7, 3, 19, 23, 15, 21, 11, 17, 3, 9, 23, 15
QUADRATIC PARTITIONS OF PRIMES. REF CU2 1. LE1 55. MTAC 23 459 69.

895 1, 3, 3, 1, 3, 6, 3, 0, 3, 6, 6, 3, 1, 6, 6, 0, 3, 9, 6, 3, 6, 6, 3, 0, 3, 9, 12, 4, 0, 12, 6, 0, 3, 6, 9, 6, 6, 6, 9, 0, 6, 15, 6, 3, 3, 12, 6, 0, 1, 9, 15, 6, 6, 12, 12, 0, 6, 6, 6, 9, 0, 12, 12, 0, 3
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896 1, 3, 3, 1, 5, 3, 1, 7, 5, 3, 5, 3, 5, 5, 3, 7, 1, 11, 5, 13, 9, 3, 7, 5, 15, 7, 13, 11, 3, 3, 19, 3, 5, 19, 9, 3, 17, 9, 21, 15, 5, 7, 7, 25, 7, 9, 3, 21, 5, 3, 9, 5, 7, 25, 13, 5, 13, 3, 23, 11
CLASS NUMBERS H(–P) FOR PRIMES P = 4N – 1. REF MTAC 23 458 69.

897 1, 3, 3, 2, 48, 362, 49711, 13952
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898 1, 3, 3, 3, 4, 5, 5, 6, 6, 7, 9, 9, 10, 11, 11, 12, 13, 14, 15, 16, 17, 17, 18, 19, 20, 21, 22, 22, 23, 23, 24, 26, 27, 28, 28, 30, 30, 31, 32, 33, 34, 35, 35, 36, 37, 37, 38, 39, 41, 42
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899 1, 3, 3, 3, 5, 3, 3, 5, 3, 3, 5, 3, 5, 7, 3, 3, 5, 7, 3, 5, 3, 3, 5, 3, 5, 7, 3, 5, 7, 3, 3, 5, 7, 3, 5, 3, 3, 5, 7, 3, 5, 3, 5, 7, 3, 5, 7, 19, 3, 5, 3, 3, 5, 3, 3, 5, 3, 5, 7, 13, 11, 13, 19, 3, 5, 3, 5
RELATED TO GOLDBACH CONJECTURE. REF FVS 4(4) 7 27. LE1 80.

900 1, 3, 3, 5, 5, 7, 5, 7, 7, 11, 11, 13, 11, 13, 13, 17, 17, 19, 17, 19, 13, 23, 19, 19, 23, 23, 19, 29, 29, 31, 23, 29, 31, 29, 31, 37, 29, 37, 37, 41, 41, 43, 41, 43, 31, 47, 43, 37, 47
RELATED TO GOLDBACH CONJECTURE. REF FVS 4(4) 7 27. LE1 80.

901 1, 3, 3, 5, 7, 11, 17, 27, 43, 69, 111, 179, 289, 467, 755, 1221, 1975, 3195, 5169, 8363, 13531, 21893, 35423, 57315, 92737, 150051, 242787, 392837, 635623, 1028459
A(N) = A(N – 1) + A(N – 2) – 1. REF FQ 5 288 67.

902 1, 3, 3, 5, 9, 21, 21, 81, 81, 81, 243, 243, 441, 1215, 1701, 1701, 6561, 6561, 6561, 45927, 45927, 45927, 137781, 137781, 229635, 1594323
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903 1, 3, 3, 7, 4, 2, 30, 1, 8, 3, 1, 1, 1, 9, 2, 2, 1, 3, 22986, 2, 1, 32, 8, 2, 1, 8, 55, 1, 5, 2, 28, 1, 5, 1, 1501790
AN EXOTIC CONTINUED FRACTION. REF AT1 21.

904 1, 3, 3, 7, 6, 12, 13, 20, 21, 34, 36, 51, 58, 78, 89, 118, 131, 171, 197, 245, 279, 349, 398, 486, 557, 671, 767, 920, 1046, 1244, 1421, 1667, 1898, 2225, 2525, 2937, 3
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905 1, 3, 3, 9, 15, 38, 73, 174, 380
HYDROCARBONS. REF BS1 201.

906 1, 3, 3, 15, 30, 101, 261, 807, 2308, 7065, 21171
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907 1, 3, 4, 5, 6, 8, 9, 10, 11, 12, 14, 15
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908 1, 3, 4, 5, 6, 8, 9, 10, 12, 13, 14, 16
WYTHOFF GAME. REF CMB 2 188 59.

909 1, 3, 4, 5, 6, 8, 10, 12, 17, 21, 23, 28, 32, 34, 39, 43, 48, 52, 54, 59, 63, 68, 72, 7 79, 83, 98, 99, 101, 110, 114, 121, 125, 132, 136, 139, 143, 145, 152, 161, 165, 172, 1
A SELF-GENERATING SEQUENCE. REF UL1 IX.

910 1, 3, 4, 5, 7, 9, 14, 18, 24, 31, 43, 55, 72, 94, 123, 156, 200, 254, 324, 408, 513, 641, 804, 997, 1236, 1526, 1883, 2308, 2829, 3451, 4209, 5109, 6194, 7485, 9038, 10
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911 1, 3, 4, 5, 7, 11, 13, 17, 23, 29, 43, 47, 83, 131, 137, 359, 431, 433, 449, 509, 56 571
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912 1, 3, 4, 5, 8, 10, 7, 9, 18, 24, 14, 30, 19, 20, 44, 16, 27, 58, 15, 68, 70, 37, 78, 84 11, 49, 50, 104, 36, 27, 19, 128, 130, 69, 46, 37, 50, 79, 164, 168, 87, 178, 90, 190, 97
FIBONACCI ENTRY POINTS. REF JA2 7. MTAC 20 618 66.

913 1, 3, 4, 5, 9, 15, 27, 50, 92, 171, 322, 610, 1161, 2220, 4260, 8201, 15828, 3062 59362, 115287, 224260, 436871, 852161, 1664196, 3253531, 6366973, 12471056
POPULATION OF U2 + V**2. REF MTAC 18 79 64.**

914 1, 3, 4, 6, 5, 12, 8, 6, 12, 15, 10, 12, 7, 24, 20, 12, 9, 12, 18, 30, 8, 30, 24, 12, 25 21, 36, 24, 14, 60, 30, 24, 20, 9, 40, 12, 19, 18, 28, 30, 20, 24, 44, 30, 60, 24, 16, 12, 5
FIBONACCI ENTRY POINTS. REF HM1. MTAC 23 459 69. ACA 16 109 69.

915 1, 3, 4, 6, 6, 12, 8, 12, 12, 18, 12, 24, 14, 24, 24, 24, 18, 36, 20, 36, 32, 36, 24, 4 30, 42, 36, 48, 30, 72, 32, 48, 48, 54, 48, 72, 38, 60, 56, 72, 42, 96, 44, 72, 72, 72, 48,
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916 1, 3, 4, 6, 7, 8, 12, 13, 14, 15, 18, 20, 24, 28, 30, 31, 32, 36, 38, 39, 40, 42, 44, 4 54, 56, 57, 60, 62, 63, 68, 72, 74, 78, 80, 84, 90, 91, 93, 96, 98, 102, 104, 108, 110, 11
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917 1, 3, 4, 6, 8, 9, 11, 12, 14, 16, 17, 19, 21, 22, 24, 25, 27, 29, 30, 32, 33, 35, 37, 3 40, 42, 43, 45, 46, 48, 50, 51, 53, 55, 56, 58, 59, 61, 63, 64, 66, 67, 69, 71, 72, 74, 76,
A BEATTY SEQUENCE. REF CMB 2 191 59. AMM 72 1144 65.

918 1, 3, 4, 6, 8, 9, 11, 12, 14, 16, 17, 19, 21, 22, 24, 25, 27, 29, 30, 32, 34, 35, 37, 3 40, 42, 43, 45, 47, 48, 50, 51, 53, 55, 56, 58, 60, 61, 63, 64, 66, 68, 69, 71, 73, 74, 76,
A CURIOUS SEQUENCE. REF FQ 1(4) 50 63.

919 1, 3, 4, 6, 8, 9, 11, 13, 15, 17, 19, 20, 22, 26, 28, 30, 31, 33, 35, 37, 39, 41, 43, 45, 48, 50, 52, 54, 56, 58, 62, 64, 65, 67, 69, 71, 73, 75, 79, 81, 83, 85, 86, 90, 92, 94, 96, 98
POPULATION OF U2 + V**2. REF PURB 20 14 52.**

920 1, 3, 4, 6, 11, 45, 906, 409182, 83762797735
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921 1, 3, 4, 7, 6, 12, 8, 15, 13, 18, 12, 28, 14, 24, 24, 31, 18, 39, 20, 42, 32, 36, 24, 60, 31, 42, 40, 56, 30, 72, 32, 63, 48, 54, 48, 91, 38, 60, 56, 90, 42, 96, 44, 84, 78, 72, 48, 124
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922 1, 3, 4, 7, 8, 11, 15, 19, 20, 24, 35, 40, 43, 51, 52, 67, 84, 88, 91, 115, 120, 123, 132, 148, 163, 168, 187, 195, 228, 232, 235, 267, 280, 312, 340, 372, 403, 408, 420, 427
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923 1, 3, 4, 7, 10, 50
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924 1, 3, 4, 7, 11, 18, 29, 47, 76, 123, 199, 322, 521, 843, 1364, 2207, 3571, 5778, 9349, 15127, 24476, 39603, 64079, 103682, 167761, 271443, 439204, 710647, 1149851
LUCAS NUMBERS A(N) = A(N – 1) + A(N – 2). REF HW1 148. HO1.

925 1, 3, 4, 7, 11, 29, 40, 109, 912, 1021, 26437, 27458, 163727, 191185, 4369797, 4560982, 40857653, 45418635, 86276288, 821905227, 908181515, 1730086742
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926 1, 3, 4, 8, 9, 11, 13, 18, 19, 24, 27, 28, 29, 33, 35, 40, 43, 44, 51, 59, 61, 63, 67, 68, 75, 83, 88, 91, 92, 93, 98, 100, 104, 107, 108, 109, 115, 120, 121, 123, 125, 126, 129
ELLIPTIC CURVES. REF JRAM 212 24 63.

927 1, 3, 4, 8, 11, 18, 24, 36, 47, 66, 84, 113, 141, 183, 225, 284, 344, 425, 508, 617, 729, 872, 1020, 1205, 1397, 1632, 1877, 2172, 2480, 2846, 3228, 3677
EXPANSION OF A GENERATING FUNCTION. REF CAY 10 415.

928 1, 3, 4, 8, 14, 25, 45, 82, 151, 282, 531, 1003, 1907, 3645, 6993, 13456, 25978, 50248, 97446, 189291, 368338, 717804, 1400699, 2736534, 5352182, 10478044
POPULATION OF U2 + 3V**2. REF MTAC 20 560 66.**

929 1, 3, 4, 8, 65536, (THERE IS NO ROOM TO DESCRIBE THE NEXT TERM)
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930 1, 3, 4, 9, 12, 23, 31, 54, 73, 118, 159, 246, 329, 489, 651, 940, 1242, 1751, 2298, 3177, 4142, 5630, 7293, 9776, 12584, 16659, 21320, 27922, 35532, 46092, 58342, 75039
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931 1, 3, 4, 9, 12, 23, 31, 54, 73, 118, 159, 246, 340, 500, 684, 984, 1341, 1883
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932 1, 3, 4, 9, 13, 26, 40, 74, 118, 210, 342, 595, 981, 1684, 2798, 4763
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933 1, 3, 4, 9, 14, 27, 48, 93, 163, 315, 576, 1085
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934 1, 3, 4, 11, 15, 41, 56, 153, 209, 571, 780, 2131, 2911, 7953, 10864, 29681, 40
110771, 151316, 413403, 564719, 1542841, 2107560, 5757961, 7865521
A(2N) = A(2N – 1) + A(2N – 2), A(2N + 1) = 2A(2N) + A(2N – 1). REF MQET 1 10 16. M 181.

935 1, 3, 4, 11, 16, 30, 50, 91, 157, 278, 485, 854, 1496, 2628, 4609, 8091, 14196, 24915, 43720, 76726, 134642, 236283, 414645, 727654, 1276941, 2240878, 393246
A FIELDER SEQUENCE. REF FQ 6(3) 69 68.

936 1, 3, 4, 11, 20, 51, 108, 267, 619
BI-CENTERED TREES. REF CAY 9 438.

937 1, 3, 4, 11, 21, 36, 64, 115, 211, 383, 694, 1256, 2276, 4126, 7479, 13555, 245 44523, 80694, 146251, 265066, 480406, 870689, 1578040, 2860046, 5183558, 9394
A FIELDER SEQUENCE. REF FQ 6(3) 69 68.

938 1, 3, 4, 11, 21, 42, 71, 131, 238, 443, 815, 1502, 2757, 5071, 9324, 17155, 315 58038, 106743, 196331, 361106, 664183, 1221623, 2246918, 4132721, 7601259
A FIELDER SEQUENCE. REF FQ 6(3) 69 68.

939 1, 3, 4, 11, 136, 283, 419, 1121, 1540, 38081, 39621, 117323, 156944, 431211 5331476, 11094163, 16425639, 43945441, 60371080, 1492851361, 1553222441
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940 1, 3, 4, 12, 22, 71, 181, 618, 1957, 6966
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941 1, 3, 4, 12, 24, 66, 160, 448, 1186, 3334, 9235, 26166, 73983, 211297
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942 1, 3, 4, 12, 27, 82, 228, 733, 2282, 7528, 24834, 83898, 285357, 983244, 3412 11944614, 42080170, 149197152, 531883768, 1905930975, 6861221666
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943 1, 3, 4, 12, 28, 94, 298, 1044, 3658, 13164
NECKLACES. REF IJM 5 664 61.

944 1, 3, 4, 13, 53, 690, 36571, 25233991, 922832284862, 2328674157071714424 2148975693069582097368331934946 7
A(N) = A(N – 1)A(N – 2) + 1. REF EUR 19 13 57.

945 1, 3, 4, 23, 27, 50, 227, 277, 504, 4309, 4813, 71691, 76504, 836731, 1749966 2586697, 12096754, 147747745, 307592244, 1070524477, 2448641198, 351916567
CONVERGENTS TO CUBE ROOT OF 2. REF AMP 46 105 1866. LE1 67. HPR.

946 1, 3, 5, 3, 9, 3, 51, 675, 5871
FROM DISCORDANT PERMUTATIONS. REF KYU 10 11 56.

947 1, 3, 5, 3, 17, 3, 5, 3, 257, 3, 5, 3, 17, 3, 5, 3, 65537, 3, 5, 3, 17, 3, 5, 3, 97, 3, 5 17, 3, 5, 3, 641, 3, 5, 3, 17, 3, 5, 3, 257, 3, 5, 3, 17, 3, 5, 3, 193, 3, 5, 3, 17, 3, 5, 3, 25
SMALLEST FACTOR OF 2N + 1. REF AJM 1 239 1878.**

948 1, 3, 5, 3, 17, 11, 13, 43, 257, 19, 41, 683, 241, 2731, 113, 331, 65537, 43691, 174763, 61681, 5419, 2113, 2796203, 673, 4051, 1613, 87211, 15790321, 3033169
LARGEST FACTOR OF 2N + 1. REF AJM 1 239 1878.**

949 1, 3, 5, 6, 8, 9, 10, 12, 14, 16, 17, 24, 27, 31, 32, 33, 34, 36, 37, 41, 42, 46, 52, 62, 68, 69, 70, 73, 77, 78, 80, 82, 86, 88, 90, 92, 96, 97, 98, 99, 103, 108, 111, 114, 117, 119
ELLIPTIC CURVES. REF JRAM 212 23 63.

950 1, 3, 5, 6, 8, 10, 12, 13, 15, 17, 18, 20, 22, 24, 25, 27, 29, 30, 32, 34, 36, 37, 39, 41, 42, 44, 46, 48, 49, 51, 53, 54, 56, 58, 60, 61, 63, 65, 67, 68, 70, 72, 73, 75, 77, 79, 80
A BEATTY SEQUENCE. REF CMB 3 21 60.

951 1, 3, 5, 6, 8, 11, 12, 14, 17, 20, 29, 41, 44, 59, 62, 71, 92, 101, 107, 116, 137, 149, 164, 179, 191, 197, 212, 227, 239, 254, 269, 281, 311, 332, 347, 356, 419, 431, 452, 461
RELATED TO EULERS TOTIENT FUNCTION. REF AMM 56 22 49.

952 1, 3, 5, 6, 9, 10, 12, 15, 17, 18, 20, 23, 24, 27, 29, 30, 33, 34, 36, 39, 40, 43, 45, 46, 48, 51, 53, 54, 57, 58, 60, 63, 65, 66, 68, 71, 72, 75, 77, 78, 80, 83, 85, 86, 89, 90, 92
EVEN NUMBER OF ONES IN BINARY EXPANSION. REF CMB 2 86 59.

953 1, 3, 5, 6, 9, 13, 20, 31, 49, 78, 125, 201, 324, 523, 845, 1366, 2209, 3573, 5780, 9351, 15129, 24478, 39605, 64081, 103684, 167763, 271445, 439206, 710649, 1149853
A(N) = A(N - 1) + A(N - 2) - 2. REF SMA 20 23 54. R1 233. JCT 7 292 69.

954 1, 3, 5, 7, 10, 13, 16, 19, 22, 26, 30
STEINHAUS SORTING PROBLEM. REF AMM 66 389 59. WE2 207.

955 1, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 105, 165, 195, 231, 255, 273, 285, 345, 357, 385, 399, 429, 435, 455, 465, 483, 561, 595, 609, 627, 651, 663, 665, 715, 741, 759, 805
RELATED TO LIOUVILLES FUNCTION. REF JIMS 7 71 43.

956 1, 3, 5, 7, 11, 13, 17, 19, 23, 31, 43, 61, 79
(2P + 1)/3 IS PRIME. REF MMAG 27 157 54.**

957 1, 3, 5, 7, 15, 11, 13, 17, 19, 25, 23, 35, 29, 31, 51, 37, 41, 43, 69, 47, 65, 53, 81, 87, 59, 61, 85, 67, 71, 73, 79, 123, 83, 129, 89, 141, 97, 101, 103, 159, 107, 109, 121, 113
INVERSE OF EULER TOTIENT FUNCTION. REF BA2 64.

958 1, 3, 5, 7, 17, 19, 37, 97, 113, 257, 401, 487, 631, 971, 1297, 1801, 19457, 22051, 28817, 65537, 157303, 160001
A SPECIAL SEQUENCE OF PRIMES. REF ACA 5 425 59.

959 1, 3, 5, 7, 17, 29, 47, 61, 73, 83, 277, 317, 349, 419, 503, 601, 709, 829
FROM A GOLDBACH CONJECTURE. REF BIT 6 49 66.

960 1, 3, 5, 7, 19, 21, 43, 81, 125, 127, 209, 211
11.2N + 1 IS PRIME. REF PAMS 9 674 58.**

961 1, 3, 5, 7, 32, 11, 13, 17, 19, 25, 23, 224, 29, 31, 128, 37, 41, 43, 115, 47, 119, 53, 81, 928, 59, 61, 256, 67, 71, 73, 79, 187, 83, 203, 89, 209, 235, 97, 101
INVERSE OF REDUCED TOTIENT FUNCTION. REF NAM 17 305 1898. LE1 7.

962 1, 3, 5, 8, 9, 13, 15, 18, 19, 20, 21, 24, 28, 29, 31, 35, 37, 40, 47, 49, 51, 53, 56, 60, 61, 67, 69, 77, 79, 83, 84, 85, 88, 90, 92, 93, 95, 98, 100, 101, 104, 109, 111, 115, 120
ELLIPTIC CURVES. REF JRAM 212 25 63.

963 1, 3, 5, 8, 11, 14, 17, 21, 25, 29, 33, 37, 41, 45, 49, 54, 59, 64, 69, 74, 79, 84, 89, 94, 99, 104, 109, 114, 119, 124, 129, 135, 141, 147, 153, 159, 165, 171, 177, 183, 189
RELATED TO PERMUTATION NETWORKS. REF AFI 32 519 68.

964 1, 3, 5, 8, 11, 15, 19, 23, 27, 32, 36, 42, 47, 52, 58, 64, 70, 76, 83, 89, 96, 103, 118, 125, 133, 140, 148, 156, 164, 173, 181, 190, 198, 207, 216, 225, 234, 244, 253, 2
N(3/2). REF BO3 46. LF1 17. AT1 177.**

965 1, 3, 5, 8, 11, 15, 19, 23, 28, 33, 38, 44, 50, 56, 62, 69, 76, 83, 90, 98, 106, 114, 122, 131, 140, 149, 158, 167, 177, 187, 197, 207, 217, 228, 239, 250, 261, 272, 284, 2
FROM A SELF-GENERATING SEQUENCE. REF AMM 74 740 67.

966 1, 3, 5, 8, 12, 16, 21, 27, 33, 40, 48, 56, 65, 75, 85, 96, 108, 120, 133, 147, 161, 176, 192, 208, 225, 243, 261, 280, 300, 320, 341, 363, 385, 408, 432, 456, 481, 507, 5
(N2)/3**

967 1, 3, 5, 8, 12, 17, 23, 30, 37, 45, 54
RATIONAL POINTS IN A QUADRILATERAL. REF CR 265 161 67.

968 1, 3, 5, 8, 12, 18, 24, 30, 36, 42, 52, 60, 68, 78, 84, 90, 100, 112, 120, 128, 138, 144, 152, 162, 172, 186, 198, 204, 210, 216, 222, 240, 258, 268, 276, 288, 300, 308, 3
SUMS OF SUCCESSIVE PRIMES. REF EUR 26 12 63.

969 1, 3, 5, 8, 12, 18, 24, 33, 43, 55, 69, 86, 104, 126, 150, 177, 207, 241
RESTRICTED PARTITIONS. REF CAY 2 278.

970 1, 3, 5, 8, 20, 12, 9, 28, 11, 48, 39, 65, 20, 60, 15, 88, 51, 85, 52, 19, 95, 28, 60, 105, 120, 32, 69, 115, 160, 68, 25, 75, 175, 180, 225, 252, 189, 228, 40, 120, 29, 145,
QUADRATIC PARTITIONS OF PRIME-SQUARES. REF CU3 77. LE1 60.

971 1, 3, 5, 9, 11, 15, 19, 25, 29, 35, 39, 45, 49, 51, 59, 61, 65, 69, 71, 79, 85, 95, 1
121, 131, 139, 141, 145, 159, 165, 169, 171, 175, 181, 195, 199, 201, 205, 209, 219, 2
(N2 + 1)/2 IS PRIME. REF EUL (1) 3 24 17.**

972 1, 3, 5, 9, 13, 17, 21, 27, 33, 41, 47, 55, 65
POSTAGE STAMP PROBLEM. REF CJ1 12 379 69.

973 1, 3, 5, 9, 13, 22, 30, 45, 61, 85, 111
EXPANSION OF A GENERATING FUNCTION. REF CAY 10 415.

974 1, 3, 5, 9, 15, 25, 41, 67, 109, 177, 287, 465, 753, 1219, 1973, 3193, 5167, 836
13529, 21891, 35421, 57313, 92735, 150049, 242785, 392835, 635621, 1028457
A(N) = A(N - 1) + A(N - 2) + 1. REF FQ 8 267 70.

975 1, 3, 5, 9, 17, 31, 57, 105, 193, 355, 653, 1201, 2209, 4063, 7473, 13745, 2528
46499, 85525, 157305, 289329, 532159, 978793, 1800281, 3311233, 6090307, 11201
A(N) = A(N - 1) + A(N - 2) + A(N - 3). REF FQ 1(3) 72 63, 2 260 64.

976 1, 3, 5, 10, 13, 26, 25, 50, 49, 73, 81, 133, 109, 196, 169, 241, 241, 375, 289, 4
421, 568, 529, 806, 577, 1001, 833, 1081, 1009, 1393, 1081, 1768, 1441, 1849, 1633
GENUS OF MODULAR GROUPS. REF GU6 15.

977 1, 3, 5, 10, 14, 21, 26, 36, 43, 55, 64, 78, 88, 105, 117, 136, 150, 171, 186, 210, 227, 253, 272, 300, 320, 351, 373, 406, 430, 465, 490, 528, 555, 595, 624, 666, 696, 7
RELATED TO ZARANKIEWICZS PROBLEM. REF TI1 126.

978 1, 3, 5, 10, 16, 29, 45, 75, 115, 181, 271, 413, 605, 895, 1291, 1866, 2648, 376, 5260, 7352, 10160, 14008, 19140, 26085, 35277, 47575, 63753, 85175, 113175, 149
2-LINE PARTITIONS. REF DMJ 31 272 64.

979 1, 3, 5, 10, 25, 64, 160, 390, 940, 2270, 5515, 13440, 32735, 79610, 193480, 470306
RELATED TO PARTITIONS OF A NUMBER. REF AMM 76 1034 69.

980 1, 3, 5, 10, 32, 382, 15768919
BOOLEAN FUNCTIONS. REF JACM 13 154 66.

981 1, 3, 5, 11, 13, 19, 29, 37, 53, 59, 61, 67, 83, 101, 107, 131, 139, 149, 163, 173, 179, 181, 197, 211, 227, 269, 293, 317, 347, 349, 373, 379, 389, 419, 421, 443, 461, 467
PRIMES WITH 2 AS PRIMITIVE ROOT. REF KR1 1 56. AS1 864.

982 1, 3, 5, 11, 17, 29, 41, 59, 71, 101, 107, 137, 149, 179, 191, 197, 227, 239, 269, 281, 311, 347, 419, 431, 461, 521, 569, 599, 617, 641, 659, 809, 821, 827, 857, 881, 1019
PRIME PAIRS. REF EUR 18 17 55. AS1 870.

983 1, 3, 5, 11, 21, 43, 85, 171, 341, 683, 1365, 2731, 5461, 10923, 21845, 43691, 87381, 174763, 349525, 699051, 1398101, 2796203, 5592405, 11184811, 22369621
A(N) = A(N – 1) + 2A(N – 2). REF NCM 6 146 1880. EUR 26 12 63.

984 1, 3, 5, 11, 29, 97, 127, 541, 907, 1151, 1361, 9587, 15727, 19661, 31469, 156007, 360749, 370373, 492227, 1349651, 1357333, 2010881, 4652507, 17051887
INCREASING GAPS BETWEEN PRIMES. REF MTAC 18 649 64.

985 1, 3, 5, 12, 30, 79, 227, 710, 2322, 8071, 29503, 112822, 450141
CONNECTED GRAPHS BY LINES. REF PRV 164 801 67. ST1.

986 1, 3, 5, 13, 17, 241, 257, 65281, 65537
AN INFINITE COPRIME SEQUENCE. REF MAG 48 420 64.

987 1, 3, 5, 13, 27, 66, 153, 377, 914, 2281, 5690, 14397, 36564, 93650, 240916, 623338, 1619346, 4224993
HYDROCARBONS. REF JACS 55 685 33, 56 157 34.

988 1, 3, 5, 15, 17, 51, 85, 255, 257, 771, 1285, 3855, 4369, 13107, 21845, 65535, 65537
RELATED TO PARITY OF BINOMIAL COEFFICIENTS. REF GO3.

989 1, 3, 5, 17, 41, 127, 365, 1119, 3413, 10685, 33561, 106827, 342129, 1104347, 3584649, 11701369, 38374065, 126395259
RELATED TO SERIES-PARALLEL NUMBERS. REF JM2 21 87 42.

990 1, 3, 5, 17, 257, 65537, 4294967297, 18446744073709551617, 340282366920938463463374607431768211457
FERMAT NUMBERS 2(2**N) + 1. REF HW1 14.**

991 1, 3, 5, 21, 41, 49, 89, 133, 141, 165, 189, 293, 305, 395, 651, 665, 771, 801, 923, 953
19.2N – 1 IS PRIME. REF MTAC 22 421 68.**

992 1, 3, 5, 35, 63, 231, 429, 6435, 12155, 46189, 88179, 676039, 1300075, 5014575, 9694845, 300540195, 583401555, 2268783825, 4418157975, 34461632205
COEFFICIENTS OF LEGENDRE POLYNOMIALS. REF PHM 33 13 42. MTAC 3 17 48. RG1 414.

993 1, 3, 5, 691, 35, 3617, 43867, 1222277, 854513, 1181820455, 76977927, 23749461029, 8615841276005, 84802531453387, 90219075042845
RELATED TO BERNOULLI NUMBERS. REF EUL (1) 15 93 27. FMR 1 73.

994 1, 3, 6, 6, 10, 16, 28, 28, 28, 28, 28, 28, 28
EQUIANGULAR LINES. REF KNAW 69 336 66. SE3.

995 1, 3, 6, 9, 9, 0, 27, 81, 162, 243, 243
EXPANSION OF BRACKET FUNCTION. REF FQ 2 254 64.

996 1, 3, 6, 9, 13, 17, 22, 27, 32, 37, 43, 49, 56, 63, 70, 77, 85, 93, 102
PRIMES IN A SEQUENCE OF DIFFERENCES. REF IDM 7 136 1900.

997 1, 3, 6, 9, 13, 18, 24, 31
RATIONAL POINTS IN A QUADRILATERAL. REF CR 265 161 67.

998 1, 3, 6, 9, 14, 18, 23
RAMSEY NUMBERS. REF RYS 42. CO1 2 134.

999 1, 3, 6, 9, 15, 18, 27, 30, 45, 42, 66
COMPOSITIONS INTO RELATIVELY PRIME PARTS. REF FQ 2 250 64.

1000 1, 3, 6, 9, 15, 25, 34, 51, 73, 97, 132, 178, 226, 294, 376, 466, 582, 722, 872, 1
1282, 1522, 1812, 2147, 2507, 2937, 3422, 3947, 4557, 5243, 5978, 6825, 7763, 877
A GENERALIZED PARTITION FUNCTION. REF PNISI 17 237 51.

1001 1, 3, 6, 10, 13, 17, 20, 23, 27, 30, 34, 37, 40
A BEATTY SEQUENCE. REF CMB 2 188 59.

1002 1, 3, 6, 10, 15, 21, 28, 36, 45, 55, 66, 78, 91, 105, 120, 136, 153, 171, 190, 210
231, 253, 276, 300, 325, 351, 378, 406, 435, 465, 496, 528, 561, 595, 630, 666, 703,
TRIANGULAR NUMBERS OR BINOMIAL COEFFICIENTS N(N + 1)/2. REF DI2 2 1. RS1. BE 189. AS1 828.

1003 1, 3, 6, 10, 30, 126, 448, 1296, 4140, 17380, 76296, 296088, 1126216, 494004
23904000, 110455936, 489602448, 2313783216, 11960299360, 61878663840
PERMUTATIONS OF ORDER TWO. REF CJM 7 167 55.

1004 1, 3, 6, 11, 17, 26, 35, 45, 58, 73, 90, 106, 123, 146, 168, 193, 216, 243, 271, 3
335, 365, 402, 437, 473, 516, 557, 600, 642, 687, 736, 782, 835, 886, 941, 999, 1050
POPULATION OF U2 + V**2. REF PNISI 13 37 47.**

1005 1, 3, 6, 11, 18, 27, 39, 54, 72, 94, 120, 150, 185, 225, 270, 321, 378, 441, 511,
HYDROCARBONS. REF JACS 55 684 33.

1006 1, 3, 6, 11, 19, 32, 48, 71, 101, 141, 188, 249, 322, 414, 518, 645, 791, 966
RESTRICTED PARTITIONS. REF CAY 2 278.

1007 1, 3, 6, 11, 19, 32, 53, 87, 142, 231, 375, 608, 985, 1595, 2582, 4179, 6763, 10
17709, 28655, 46366, 75023, 121391, 196416, 317809, 514227, 832038, 1346267
A SIMPLE RECURRENCE. REF R1 233.

1008 1, 3, 6, 11, 24, 51, 130, 315, 834, 2195, 5934, 16107, 44368, 122643, 341802, 956635, 2690844, 7596483, 21524542, 61171659, 174342216, 498112275, 1426419
NECKLACES OF 3 COLORS. REF R1 162. IJM 5 658 61.

1009 1, 3, 6, 11, 24, 69, 227, 753, 2451, 8004, 27138, 97806, 375313, 1511868, 6292884, 26826701, 116994453, 523646202, 2414394601, 11487130362, 56341183
FROM A DIFFERENTIAL EQUATION. REF AMM 67 766 60.

1010 1, 3, 6, 12, 20, 32, 49, 73, 102, 141, 190, 252, 325, 414, 521, 649, 795, 967
RESTRICTED PARTITIONS. REF CAY 2 278.

1011 1, 3, 6, 12, 21, 40, 67, 117, 193, 319, 510, 818, 1274, 1983, 3032, 4610, 6915, 10324, 15235, 22371, 32554, 47119, 67689, 96763, 137404, 194211, 272939, 381872
3-LINE PARTITIONS. REF DMJ 31 272 64.

1012 1, 3, 6, 12, 24, 48, 90, 168, 318, 600, 1098, 2004, 3696, 6792, 12270, 22140, 40224, 72888, 130650, 234012, 421176, 756624, 1348998, 2403840, 4299018
SUSCEPTIBILITY FOR HONEYCOMB. REF PHA 28 931 62.

1013 1, 3, 6, 12, 24, 48, 90, 174, 336, 648, 1218, 2328, 4416, 8388, 15780, 29892, 56268, 106200, 199350, 375504, 704304, 1323996, 2479692, 4654464, 8710212
WALKS ON A HONEYCOMB. REF JMP 2 61 61.

1014 1, 3, 6, 13, 23, 45, 78, 141, 239, 409
4-LINE PARTITIONS. REF MES 54 115 24. DMJ 31 272 64. CH1.

1015 1, 3, 6, 13, 24, 47, 83, 152, 263, 457, 768, 1292, 2118, 3462, 5564, 8888, 14016, 21973, 34081, 52552, 80331, 122078, 184161, 276303, 411870, 610818, 900721
5-LINE PARTITIONS. REF MES 54 115 24. DMJ 31 272 64. CH1.

1016 1, 3, 6, 13, 24, 48, 86, 160, 282, 500, 859, 1479, 2485, 4167, 6879, 11297, 18334, 29601, 47330, 75278, 118794, 186475, 290783, 451194, 696033, 1068745, 1632658
PLANAR PARTITIONS. REF MA2 2 332. MES 54 115 24. PCPS 63 1099 67. CH1.

1017 1, 3, 6, 13, 28, 60, 129, 277, 595, 1278, 2745, 5896, 12664, 27201, 58425, 125491, 269542, 578949, 1243524, 2670964, 5736961, 12322413, 26467299, 56849086
A SIMPLE RECURRENCE. REF EUL (1) 1 322 11.

1018 1, 3, 6, 14, 25, 53, 89, 167, 278, 480, 760
RESTRICTED PARTITIONS. REF JCT 9 373 70.

1019 1, 3, 6, 14, 27, 58, 111, 223, 424, 817, 1527
FUNCTIONAL DETERMINANTS. REF CAY 2 219.

1020 1, 3, 6, 14, 36, 98, 276, 794, 2316, 6818, 20196, 60074, 179196, 535538, 1602516, 4799354, 14381676, 43112258, 129271236, 387682634, 1162785756, 3487832978
1N + 2**N + 3**N. REF AS1 813.**

1021 1, 3, 6, 15, 27, 63, 120, 252, 495, 1023, 2010, 4095
COMPOSITIONS INTO RELATIVELY PRIME PARTS. REF FQ 2 251 64.

1022 1, 3, 6, 15, 29
ASYMMETRIC TREES. REF AM1 101 156 59. HA5 232.

1023 1, 3, 6, 15, 33, 82, 194, 482, 1188, 2988, 7528, 19181, 49060, 126369, 326863, 849650, 2216862, 5806256, 15256265, 40210657, 106273050, 281593237, 747890675
ALCOHOLS. REF JACS 54 2919 32.

1024 1, 3, 6, 15, 41, 115, 345, 1103, 3664, 12763, 46415, 175652, 691001, 2821116, 11932174, 52211412
GRAPHS BY POINTS AND LINES. REF R1 146. ST1.

1025 1, 3, 6, 18, 48, 156, 492, 1740, 6168, 23568, 91416, 374232, 1562640, 6801888, 30241488, 139071696, 653176992, 3156467520, 15566830368, 78696180768
A(N) = A(N - 1) + N.A(N - 2).

1026 1, 3, 6, 22, 402, 1228158, 400507806843728
BOOLEAN FUNCTIONS. REF HA2 149.

1027 1, 3, 6, 24, 148, 1646, 34040, 1358852, 106321628, 16006173014, 4525920859198, 2404130854745735, 2426376196165902704
GRAPHS BY POINTS AND LINES. REF R1 146. ST1.

1028 1, 3, 6, 30, 360, 504, 44016, 204048, 8261760, 128422272, 1816480512, 76562054400, 124207469568
A PARTITION FUNCTION. REF PRV 135 A1275 64.

1029 1, 3, 6, 38, 213, 1479, 11692, 104364, 1036809
FROM MENAGE POLYNOMIALS. REF R1 198.

1030 1, 3, 6, 42, 618, 15990, 668526, 43558242
COLORED GRAPHS. REF CJM 22 596 70.

1031 1, 3, 6, 44, 180, 1407, 10384, 92896
HIT POLYNOMIALS. REF RI3.

1032 1, 3, 7, 5, 93, 637, 1425, 22341
RELATED TO WEBER FUNCTIONS. REF KNAW 66 751 63.

1033 1, 3, 7, 8, 13, 17, 18, 21, 30, 31, 32, 38, 41, 43, 46, 47, 50, 55, 57, 68, 70, 72, 73, 75, 76, 83, 91, 93, 98, 99, 100, 105, 111, 112, 117, 119, 122, 123, 128, 129, 132, 133, 1
REDUCIBLE NUMBERS. REF AMM 56 525 49.

1034 1, 3, 7, 8, 14, 29, 31, 42, 52, 66, 85, 99, 143, 161, 185, 190, 267, 273, 304, 330, 371, 437, 476, 484, 525, 603, 612, 658, 806, 913, 1015, 1074, 1197, 1261, 1340, 1394
OF THE FORM (P2 - 1)/120 WHERE P IS PRIME. REF IAS 5 382 37.**

1035 1, 3, 7, 9, 13, 15, 21, 25, 31, 33, 37, 43, 49, 51, 63, 67, 69, 73, 75, 79, 87, 93, 99, 105, 111, 115, 127, 129, 133, 135, 141, 151, 159, 163, 169, 171, 189, 193, 195, 201, 20
LUCKY NUMBERS. REF MMAG 29 119 55.

1036 1, 3, 7, 10, 19, 32, 34, 37, 51, 81, 119, 122, 134, 157, 160, 161, 174, 221, 252, 2
294, 305, 309, 364, 371, 405, 580, 682, 734, 756, 763, 776, 959, 1028, 1105, 1120, 117
LATTICE POINTS IN SPHERES. REF MTAC 20 306 66.

1037 1, 3, 7, 11, 14, 18, 22, 26, 29, 33, 37, 40, 44, 48, 52, 55, 59, 63, 66, 70, 74, 78, 8
85, 89, 92, 96, 100, 104, 107, 111, 115, 118, 122, 126, 130, 133, 137, 141, 145, 148, 15
A BEATTY SEQUENCE. REF CMB 3 21 60.

1038 1, 3, 7, 11, 16, 22, 27, 33, 40, 46, 53, 60, 67, 74, 81, 89, 96, 104, 112, 120, 128, 136, 144, 153, 161, 169, 178, 187, 195, 204, 213, 222, 231, 240, 249, 258, 267, 276, 28
NEAREST INTEGER TO 2N LOG N. REF NBS 66B 229 62.

1039 1, 3, 7, 11, 19, 23, 31, 43, 47, 59, 67, 71, 79, 83, 103, 107, 127, 131, 139, 151, 1
167, 179, 191, 199, 211, 223, 227, 239, 251, 263, 271, 283, 307, 311, 331, 347, 359, 36
PRIMES OF THE FORM 4N + 3. REF AS1 870.

1040 1, 3, 7, 11, 21, 39, 71, 131, 241, 443, 815, 1499, 2757, 5071, 9327, 17155, 3155
58035, 106743, 196331, 361109, 664183, 1221623, 2246915, 4132721, 7601259
A FIELDER SEQUENCE. REF FQ 6(3) 69 68.

1041 1, 3, 7, 11, 26, 45, 85, 163, 304, 578, 1090, 2057, 3888, 7339, 13862, 26179, 49437, 93366, 176321, 332986, 628852, 1187596, 2242800, 4235569, 7998951
A FIELDER SEQUENCE. REF FQ 6(3) 69 68.

1042 1, 3, 7, 12, 18, 26, 35, 45, 57, 70, 84, 100, 117, 135, 155, 176, 198, 222, 247, 273, 301, 330, 360, 392, 425, 459, 495, 532, 570, 610, 651, 693, 737, 782, 828, 876, 925, 975
FERMAT COEFFICIENTS. REF MMAG 27 141 54.

1043 1, 3, 7, 12, 19, 30, 43, 49, 53, 70, 89, 112, 141, 172, 209, 250, 293, 301
RELATED TO A HIGHLY COMPOSITE SEQUENCE. REF BSMF 97 152 69.

1044 1, 3, 7, 12, 20, 30, 44, 59, 75, 96, 118, 143, 169, 197, 230, 264, 299, 335, 373, 413, 455, 501, 549, 598, 648, 701, 758, 818, 880, 944, 1009, 1079, 1156, 1236, 1317, 1400
PRIME NUMBERS OF MEASUREMENT. REF PCPS 21 654 23.

1045 1, 3, 7, 13, 15, 21, 43, 63, 99, 109, 159, 211, 309, 343, 415, 469, 781, 871, 939
9.2N – 1 IS PRIME. REF MTAC 23 874 69.**

1046 1, 3, 7, 13, 15, 25, 39, 55, 75, 85, 127, 1947
5.2N + 1 IS PRIME. REF PAMS 9 674 58.**

1047 1, 3, 7, 13, 17, 23, 27, 33, 37, 53, 63, 67, 77, 87, 97, 103, 113, 127, 137, 147, 153, 163, 167, 197, 223, 227, 247, 263, 267, 277, 283, 287, 297, 303, 323, 347, 363, 367, 373
(N2 + 1)/10 IS PRIME. REF EUL (1) 3 25 17.**

1048 1, 3, 7, 13, 19, 27, 39, 49, 63, 79, 91, 109, 133, 147, 161, 207, 223, 253, 289, 307, 349, 387, 399, 459, 481, 529, 567, 613, 649, 709, 763, 807, 843, 927, 949, 1009, 1093
FLAVIUS SIEVE. REF MMAG 29 117 55.

1049 1, 3, 7, 13, 21, 31, 43, 57, 73, 91, 111, 133, 157, 183, 211, 241, 273, 307, 343, 381, 421, 463, 507, 553, 601, 651, 703, 757, 813, 871, 931, 993, 1057, 1123, 1191, 1261
CENTRAL POLYGONAL NUMBERS N(N – 1) + 1. REF HO3 22. HO2 87.

1050 1, 3, 7, 13, 22, 34, 50, 70, 95, 125, 161, 203, 252, 308, 372, 444, 525, 615, 715, 825, 946, 1078, 1222, 1378, 1547, 1729, 1925, 2135, 2360, 2600, 2856, 3128, 3417, 3723
A PARTITION FUNCTION. REF AMS 26 308 55.

1051 1, 3, 7, 13, 31, 43, 73, 157, 211, 241, 307, 421, 463, 601, 757, 1123, 1483, 1723, 2551, 2971, 3307, 3541, 3907, 4423, 4831, 5113, 5701, 6007, 6163, 6481, 8011, 8191
PRIMES OF FORM N(N + 1) + 1. REF LIN 3 209 29. LE1 46.

1052 1, 3, 7, 14, 18, 30, 34, 51, 65, 91, 105, 140
RELATED TO ZARANKIEWICZS PROBLEM. REF TI1 126.

1053 1, 3, 7, 14, 26, 46, 79, 133, 221, 364, 596, 972, 1581, 2567, 4163, 6746, 10926, 17690, 28635, 46345, 75001, 121368, 196392, 317784, 514201, 832011, 1346239
FROM ROOK POLYNOMIALS. REF SMA 20 18 54.

1054 1, 3, 7, 15, 1, 292, 1, 1, 1, 2, 1, 3, 1, 14, 2, 1, 1, 2, 2, 2, 2, 1, 84, 2, 1, 1, 15, 3, 13, 1, 4, 2, 6, 6, 99, 1, 2, 2, 6, 3, 5, 1, 1, 6, 8, 1, 7, 1, 2, 3, 7, 1, 2, 1, 1, 12, 1, 1, 1, 3, 1, 1, 8, 1, 1
CONTINUED FRACTION EXPANSION OF PI. REF LE4. MFM 67 312 63. MTAC 25 403 71.

1055 1, 3, 7, 15, 26, 51, 99, 191, 367, 708, 1365, 2631, 5071, 9775, 18842, 36319, 70007, 134943, 260111, 501380, 966441, 1862675, 3590807, 6921503, 13341626
A FIELDER SEQUENCE. REF FQ 6(3) 70 68.

1056 1, 3, 7, 15, 26, 57, 106, 207, 403, 788, 1530, 2985, 5812, 11322, 22052, 42959, 83675, 162993, 317491, 618440, 1204651, 2346534, 4570791, 8903409, 17342876
A FIELDER SEQUENCE. REF FQ 6(3) 70 68.

1057 1, 3, 7, 15, 27, 41, 62, 85, 115, 150, 186, 229, 274, 323, 380, 443, 509, 577, 653, 733, 818, 912, 1010, 1114, 1222, 1331, 1448, 1572, 1704, 1845, 1994, 2138, 2289, 2445
A NUMBER-THEORETIC FUNCTION. REF ACA 6 372 61.

1058 1, 3, 7, 15, 29, 469, 29531, 1303, 16103, 190553, 128977, 9061, 30946717, 39646461, 58433327, 344499373, 784809203, 169704792667
COEFFICIENTS FOR NUMERICAL DIFFERENTIATION. REF PHM 33 11 42. BAMS 48 922 42.

1059 1, 3, 7, 15, 31, 63, 127, 255, 511, 1023, 2047, 4095, 8191, 16383, 32767, 65535, 131071, 262143, 524287, 1048575, 2097151, 4194303, 8388607, 16777215, 33554431
2N – 1. REF BA1.**

1060 1, 3, 7, 16, 31, 57, 97, 162, 257, 401, 608, 907, 1325, 1914, 2719, 3824, 5313, 7316, 9973, 13495, 18105, 24132, 31938, 42021, 54948, 71484, 92492, 119120, 152686
BIPARTITE PARTITIONS. REF PCPS 49 72 53. NI1 1.

1061 1, 3, 7, 16, 33, 71, 141, 284, 552, 1067, 2020, 3803, 7043, 12957, 23566, 42536, 76068, 135093, 238001, 416591
SOLID PARTITIONS, DISTINCT ALONG ROWS. REF AT1 404.

1062 1, 3, 7, 16, 49, 104, 322, 683, 2114, 4485, 13881, 29450, 91147, 193378, 598500, 1269781, 3929940, 8337783, 25805227, 54748516, 169445269
A TERNARY CONTINUED FRACTION. REF TOH 37 441 33.

1063 1, 3, 7, 17, 40, 102, 249, 631, 1594, 4074, 10443, 26981, 69923, 182158, 476141, 1249237, 3287448, 8677074, 22962118, 60915508, 161962845, 431536102
ALCOHOLS. REF JACS 54 2919 32.

1064 1, 3, 7, 17, 41, 99, 239, 577, 1393, 3363, 8119, 19601, 47321, 114243, 275807, 665857, 1607521, 3880899, 9369319, 22619537, 54608393, 131836323, 318281039
A(N) = 2A(N – 1) + A(N – 2). REF MQET 1 9 16. AMM 56 445 49.

1065 1, 3, 7, 18, 42, 109
AMMONIUM COMPOUNDS. REF JACS 56 157 34.

1066 1, 3, 7, 18, 44, 117, 299
CONNECTED GRAPHS WITH ONE CYCLE. REF R1 150.

1067 1, 3, 7, 18, 47, 123, 322, 843, 2207, 5778, 15127, 39603, 103682, 271443, 710647, 1860498, 4870847, 12752043, 33385282, 87403803, 228826127, 599074578
BISECTION OF LUCAS SEQUENCE. REF FQ 9 284 71.

1068 1, 3, 7, 19, 25, 51, 109, 153, 213, 289, 992, 1121, 2968, 5092, 21934, 24503, 25817, 51460, 122106, 1499699, 1870227
CLASS NUMBERS OF QUADRATIC FIELDS. REF MTAC 24 437 70.

1069 1, 3, 7, 19, 47, 130, 343, 951, 2615, 7318, 20491, 57903, 163898, 466199, 1328993, 3799624, 10884049, 31241170, 89814958, 258604642
FUNCTIONAL DIGRAPHS. REF FI2 41.401. MAN 143 110 61. ST3.

1070 1, 3, 7, 19, 51, 141, 393, 1107, 3139, 8953, 25653, 73789, 212941, 616227, 1787607, 5196627, 15134931, 44152809, 128996853, 377379369
EXPANSION OF (1 + X + X2)**N. REF EUL (1) 15 59 27. SPS 37-64-3 37 70.**

1071 1, 3, 7, 20, 55, 148, 403, 1097, 2981, 8103, 22026, 59874, 162755, 442413, 1202604, 3269017, 8886111, 24154953, 65659969, 178482301, 485165195, 13188157
POWERS OF E. REF MNAS 14(5) 14 25. FW1. FMR 1 230.

1072 1, 3, 7, 22, 82, 333, 1448, 6572, 30490, 143552, 683101
HEXAGONAL POLYOMINOES. REF CJM 19 857 67. LU5.

1073 1, 3, 7, 23, 47, 1103, 2207, 2435423, 4870847
AN INFINITE COPRIME SEQUENCE. REF MAG 48 418 64.

1074 1, 3, 7, 23, 71, 311, 479, 1559, 5711, 10559, 18191, 31391, 422231, 701399, 366791, 3818929, 9257329
QUADRATIC NONRESIDUES. REF PCPS 61 672 65. MNR 29 114 65.

1075 1, 3, 7, 23, 89, 139, 199, 113, 1831, 523, 887, 1129, 1669, 2477, 2971, 4297, 5591, 1327, 9551, 30593, 19333, 16141, 15683, 81463, 28229, 31907, 19609, 35617, 82073
INCREASING GAPS BETWEEN PRIMES. REF MTAC 21 485 67.

1076 1, 3, 7, 23, 287, 291, 795
13.2N - 1 IS PRIME. REF MTAC 22 421 68.**

1077 1, 3, 7, 25, 90, 350, 1701, 7770, 42525, 246730, 1379400, 9321312, 63436373, 420693273, 3281882604, 25708104786, 197462483400, 1709751003480
LARGEST STIRLING NUMBERS OF SECOND KIND. REF AS1 835. PSPM 19 172 71.

1078 1, 3, 7, 31, 100, 331, 431, 2486, 2917, 5403, 24529, 250693, 4286310, 4537003, 67804352, 72341355, 140145707, 427797039119, 427937184826, 855734223945
CONVERGENTS TO CUBE ROOT OF 5. REF AMP 46 107 1866. LE1 67. HPR.

1079 1, 3, 7, 31, 127, 2047, 8191, 131071, 524287, 8388607, 536870911, 2147483647, 137438953471, 2199023255551, 8796093022207, 140737488355327
MERSENNE NUMBERS. REF HW1 16.

1080 1, 3, 7, 31, 127, 8191, 131071, 524287, 2147483647, 2305843009213693951, 618970019642690137449562111, 162259276829213363391578010288127
MERSENNE PRIMES. REF MTAC 18 93 64, 22 232 68. NAMS 18 608 71.

1081 1, 3, 7, 31, 211, 2311, 509, 277, 27953, 703763, 34231, 200560490131, 676421, 11072701, 78339888213593, 13808181181, 18564761860301
LARGEST FACTORS OF A SEQUENCE. REF SMA 14 26 48.

1082 1, 3, 7, 31, 703, 459007, 210066847231, 44127887746116242376703, 19472704769152964495597475733815948366287790 07
A NONLINEAR RECURRENCE. REF SA2.

1083 1, 3, 7, 46, 4336, 134281216, 288230380379570176
BOOLEAN FUNCTIONS. REF JSIAM 11 827 63. HA2 143.

1084 1, 3, 7, 47, 2207, 4870847, 23725150497407, 562882766124611619513723647, 31683700840009422215077673848376823600642097148698060 7
A(N) = A(N - 1)2 - 2. REF CR 83 1286 1876. DI2 1 397. HW1 223.**

1085 1, 3, 7, 83, 109958
SELF-DUAL BOOLEAN FUNCTIONS. REF PGEC 11 284 62.

1086 1, 3, 8, 3, 56, 217, 64, 2951, 12672, 5973, 309376, 1237173, 2917888, 52635599, 163782656
EXPANSION OF EXP(SIN X). REF AMM 41 418 34. HPR.

1087 1, 3, 8, 6, 20, 24, 16, 12, 24, 60, 10, 24, 28, 48, 40, 24, 36, 24, 18, 60, 16, 30, 48, 24, 100, 84, 72, 48, 14, 120, 30, 48, 40, 36, 80, 24, 76, 18, 56, 60, 40, 48, 88, 30, 120, 48
PISANO PERIODS. REF HM1. MTAC 23 459 69. ACA 16 109 69.

1088 1, 3, 8, 9, 37, 121, 211, 695, 4889, 41241, 76301, 853513, 3882809, 11957417, 100146415, 838216959, 13379363737, 411322824001, 3547404378125
FIRST FACTOR OF PRIME CYCLOTOMIC FIELDS. REF MTAC 24 217 70.

1089 1, 3, 8, 14, 14, 25, 24, 23, 22, 25, 59, 98, 97, 98, 97, 174, 176, 176, 176, 176, 291, 290, 289, 740, 874, 873, 872, 873, 872, 871, 870, 869, 868, 867, 866, 2180, 2179, 2178
RELATED TO GAPS BETWEEN PRIMES. REF MTAC 13 122 59. SI2 35.

1090 1, 3, 8, 16, 30, 46, 64, 96, 126, 158
GENERALIZED CLASS NUMBERS. REF MTAC 21 689 67.

1091 1, 3, 8, 16, 30, 50, 80, 120, 175, 245, 336, 448, 588, 756, 960, 1200, 1485, 1815, 2200, 2640, 3146, 3718, 4368, 5096, 5915, 6825, 7840, 8960, 10200, 11560, 13056
A PARTITION FUNCTION. REF AMS 26 308 55.

1092 1, 3, 8, 16, 32, 55, 94, 147, 227, 332, 480, 668, 920, 1232, 1635
RESTRICTED PARTITIONS. REF CAY 2 279.

1093 1, 3, 8, 17, 33, 58, 97, 153, 233, 342, 489, 681, 930, 1245, 1641, 2130, 2730, 345
4330, 5370, 6602, 8048, 9738, 11698, 13963, 16563, 19538, 22923, 26763, 31098, 3597
A PARTITION FUNCTION. REF AMS 26 308 55.

1094 1, 3, 8, 17, 34, 61, 105, 170, 267, 403, 594, 851, 1197, 1648, 2235, 2981, 3927, 5104, 6565, 8351, 10529, 13152, 16303, 20049, 24492, 29715, 35841, 42972, 51255
A PARTITION FUNCTION. REF AMS 26 308 55.

1095 1, 3, 8, 18, 37, 72, 136, 251, 445, 770
PARTITIONS INTO NON-INTEGRAL POWERS. REF PCPS 47 215 51.

1096 1, 3, 8, 18, 38, 74, 139, 249, 434, 734, 1215, 1967, 3132, 4902, 7567, 11523, 17345, 25815, 38045, 55535, 80377, 115379, 164389, 232539, 326774, 456286, 633373
PARTITIONS INTO PARTS OF 3 KINDS. REF RS2 122.

1097 1, 3, 8, 18, 38, 76, 147, 277, 509, 924, 1648, 2912, 5088, 8823, 15170, 25935, 44042, 74427, 125112, 209411, 348960, 579326, 958077, 1579098, 2593903, 4247768
TREES OF HEIGHT 3. REF IBMJ 4 475 60. KU1.

1098 1, 3, 8, 19, 42, 88, 176, 339, 633, 1150, 2040, 3544, 6042, 10128, 16720, 27219, 43746, 69483, 109160, 169758, 261504, 399272, 604560, 908248, 1354427, 2005710
COEFFICIENTS IN AN ELLIPTIC FUNCTION. REF QJM 21 66 1885.

1099 1, 3, 8, 20, 44, 80, 343, 399
CONSECUTIVE RESIDUES. REF MTAC 24 738 70.

1100 1, 3, 8, 20, 48, 112, 256, 576, 1280, 2816, 6144, 13312, 28672, 61440, 131072, 278528, 589824, 1245184, 2621440
COEFFICIENTS OF CHEBYSHEV POLYNOMIALS. REF PRSE 62 190 46. AS1 795.

1101 1, 3, 8, 21, 55, 144, 377, 987, 2584, 6765, 17711, 46368, 121393, 317811, 832040, 2178309, 5702887, 14930352, 39088169, 102334155, 267914296, 701408733
BISECTION OF FIBONACCI SEQUENCE. REF IDM 22 23 15. R1 39. PLMS 21 729 70. FQ 9 283 71.

1102 1, 3, 8, 22, 58, 158, 425, 1161, 3175, 8751, 24192, 67239
TOTAL HEIGHT OF UNLABELED TREES. REF IBMJ 4 475 60.

1103 1, 3, 8, 23, 68, 215, 680, 2226, 7327
TRIANGULATIONS OF THE DISK. REF PLMS 14 765 64.

1104 1, 3, 8, 24, 75, 243, 808, 2742, 9458, 33062, 116868, 417022, 1500159, 5434563, 19808976, 72596742, 267343374, 988779258, 3671302176, 13679542632
A SIMPLE RECURRENCE. REF IC 16 351 70.

1105 1, 3, 8, 24, 89, 415, 2372, 16072, 125673, 1112083, 10976184, 119481296, 1421542641, 18348340127, 255323504932, 3809950977008, 60683990530225
LOGARITHMIC NUMBERS. REF MST 31 78 63. CACM 13 726 70.

1106 1, 3, 8, 25, 72, 231, 696, 2268, 7030, 23155, 73188, 242957, 778946, 2601345, 8430992, 28289598, 92470194, 311472985, 1025114180, 3463982109, 11465054942
FOLDING A LINE. REF MTAC 22 198 68. JCT 5 135 68. (DIVIDED BY 2.)

1107 1, 3, 8, 26, 84, 297, 1066
MIXED HUSIMI TREES. REF PNAS 42 535 56.

1108 1, 3, 8, 27, 91, 350, 1376, 5743, 24635, 108968, 492180, 2266502, 10598452, 50235931, 240872654, 1166732814, 5682001435, 48068787314, 139354922608
ORIENTED UNLABELED TREES. REF R1 138.

1109 1, 3, 8, 28, 143, 933, 7150, 62310, 607445, 6545935, 77232740, 989893248, 13692587323, 203271723033, 3223180454138
PERMUTATIONS BY NUMBER OF PAIRS. REF DKB 264.

1110 1, 3, 8, 33, 164, 985, 6894, 55153, 496376, 4963761, 54601370, 655216441, 8517813732, 119249392249, 1788740883734, 28619854139745
A(N) = N.A(N – 1) + (–1)N.**

1111 1, 3, 8, 45, 264, 1855, 14832, 133497, 1334960, 14684571, 176214840, 2290792933, 32071101048, 481066515735, 7697064251744, 130850092279665
RENCONTRES NUMBERS. REF R1 65.

1112 1, 3, 8, 49, 3963
SWITCHING NETWORKS. REF JFI 276 317 63.

1113 1, 3, 9, 14, 19, 24, 30, 35, 40, 45, 51, 56, 61, 66
WYTHOFF GAME. REF CMB 2 189 59.

1114 1, 3, 9, 15, 30, 45, 67, 99, 135, 175, 231, 306, 354, 465
GENERALIZED DIVISOR FUNCTION. REF PLMS 19 111 19.

1115 1, 3, 9, 18, 36, 60, 100, 150, 225, 315, 441, 588
CROSSING NUMBER OF THE COMPLETE GRAPH. REF GU2.

1116 1, 3, 9, 19, 21, 55, 115, 193, 323, 611, 1081, 1571, 10771, 13067, 16321, 44881, 57887, 93167, 189947
FROM A GOLDBACH CONJECTURE. REF BIT 6 49 66.

1117 1, 3, 9, 21, 47, 95, 186, 344, 620, 1078, 1835, 3045, 4967, 7947, 12534, 19470, 29879, 45285, 67924, 100820, 148301, 216199, 312690, 448738, 639464, 905024
PARTITIONS INTO PARTS OF 3 KINDS. REF RS2 122.

1118 1, 3, 9, 21, 81, 351, 1233, 5769, 31041, 142011, 776601, 4874013, 27027729, 168369111, 1191911841, 7678566801, 53474964993, 418199988339
PERMUTATIONS OF ORDER 3. REF CJM 7 159 55.

1119 1, 3, 9, 22, 42, 84, 140, 231, 351, 551, 783
GENERALIZED DIVISOR FUNCTION. REF PLMS 19 111 19.

1120 1, 3, 9, 22, 48, 99, 194, 363, 657, 1155, 1977, 3312, 5443, 8787, 13968, 21894, 33873, 51795, 78345, 117412, 174033, 255945
COEFFICIENTS OF AN ELLIPTIC FUNCTION. REF CAY 9 128.

1121 1, 3, 9, 22, 50, 104, 208, 394, 724, 1286, 2229, 3769, 6253, 10176, 16303, 25723, 40055, 61588, 93647, 140875, 209889, 309846, 453565, 658627, 949310, 1358589
PARTITIONS INTO PARTS OF 3 KINDS. REF RS2 122.

1122 1, 3, 9, 22, 51, 107, 217, 416, 775, 1393, 2446, 4185, 7028, 11569, 18749, 29908, 47083, 73157, 112396, 170783, 256972, 383003, 565961, 829410, 1206282, 1741592
PARTITIONS INTO PARTS OF 3 KINDS. REF RS2 122.

1123 1, 3, 9, 22, 51, 108, 221, 429, 810, 1479, 2640, 4599, 7868, 13209, 21843, 35581, 57222, 90882, 142769, 221910, 341649, 521196, 788460, 1183221, 1762462, 2606604
PARTITIONS INTO PARTS OF 3 KINDS. REF RS2 122.

1124 1, 3, 9, 22, 51, 111, 233, 474, 942, 1836, 3522, 6666, 12473, 23109, 42447, 7737[illegible]
140109, 252177, 451441, 804228, 1426380, 2519640, 4434420, 7777860
CONVOLVED FIBONACCI NUMBERS. REF RCI 101. FQ 8 163 70.

1125 1, 3, 9, 25, 65, 161, 385, 897, 2049, 4609, 10241, 22529, 49153, 106497, 229377, 491521, 1048577, 2228225, 4718593, 9961473, 20971521, 44040193, 92274689
CULLEN NUMBERS N.2N + 1. REF SI1 346.**

1126 1, 3, 9, 25, 69, 186, 503, 1353, 3651, 9865, 26748, 72729, 198447, 543159, 1491402, 4107152, 11342826, 31408719, 87189987, 242603970, 676524372
POWERS OF ROOTED TREE ENUMERATOR. REF R1 150.

1127 1, 3, 9, 25, 75, 231, 763, 2619, 9495, 35695, 140151, 568503, 2390479, 1034953[illegible]
46206735, 211799311, 997313823, 4809701439, 23758664095, 119952692895
PERMUTATIONS OF ORDER EXACTLY 2. REF CJM 7 159 55.

1128 1, 3, 9, 26, 75, 214, 612, 1747, 4995
PARTIALLY LABELED TREES. REF R1 138.

1129 1, 3, 9, 27, 81, 243, 729, 2187, 6561, 19683, 59049, 177147, 531441, 1594323, 4782969, 14348907, 43046721, 129140163, 387420489, 1162261467
POWERS OF THREE. REF BA1.

1130 1, 3, 9, 28, 90, 297, 1001, 3432, 11934, 41990, 149226, 534888, 1931540, 7020405, 25662825, 94287120, 347993910, 1289624490, 4796857230, 17902146600
LAPLACE TRANSFORM COEFFICIENTS. REF QAM 14 407 56.

1131 1, 3, 9, 29, 35, 42, 48, 113, 120, 126, 152, 185, 204, 224, 237, 243, 276, 302, 308, 321, 341, 386, 399, 419, 432, 477, 503, 510, 516, 542, 549, 588, 633, 659, 666, 705, 731
(N(N + 1) + 1)/13 IS PRIME. REF CU1 1 251.

1132 1, 3, 9, 29, 98, 343, 1230, 4489
PERMUTATIONS BY INVERSIONS. REF NET 96.

1133 1, 3, 9, 33, 139, 718, 4535
TOPOLOGIES OR UNLABELED TRANSITIVE DIGRAPHS. REF WR1.

1134 1, 3, 9, 35, 201, 1827
COEFFICIENTS OF BELLS FORMULA. REF NMT 10 65 62.

1135 1, 3, 9, 37, 153, 951, 5473, 42729, 353937, 3455083
SUMS OF LOGARITHMIC NUMBERS. REF MST 31 79 63.

1136 1, 3, 9, 42, 206, 1352
REGULAR SEMIGROUPS. REF PL1. MA4 2 2 67.

1137 1, 3, 9, 45, 225, 1575, 11025, 99225, 893025, 9823275, 108056025, 1404728325, 18261468225, 273922023375, 4108830350625, 69850115960625
PERMUTATIONS WITH ODD CYCLES. REF R1 87.

1138 1, 3, 9, 48, 504, 14188, 1351563
THRESHOLD FUNCTIONS. REF PGEC 19 821 70.

1139 1, 3, 9, 54, 450, 4725, 59535, 873180, 14594580
EXPANSION OF AN INTEGRAL. REF CO1 1 176.

1140 1, 3, 10, 13, 62, 75, 437, 512, 949, 6206, 13361, 73011, 597449, 1865358, 6193523, 26639450, 59472423, 383473988, 1593368375, 6756947488, 8350315863
CONVERGENTS TO CUBE ROOT OF 3. REF AMP 46 106 1866. LE1 67. HPR.

1141 1, 3, 10, 25, 56, 119, 246, 501, 1012, 2035, 4082, 8177, 16368, 32751, 65518, 131053, 262124, 524267, 1048554, 2097129, 4194280, 8388583, 16777190, 33554405
ASSOCIATED STIRLING NUMBERS. REF R1 76. DB1 296. CO1 2 58.

1142 1, 3, 10, 31, 97, 306, 961, 3020, 9489, 29809, 93648, 294204, 924269, 2903677, 9122171, 28658146, 90032221, 282844564, 888582403, 2791563950, 8769956796
POWERS OF PI. REF PE2 1(APPENDIX) 1. FMR 1 122.

1143 1, 3, 10, 33, 111, 379, 1312, 4596, 16266, 58082, 209010, 757259, 2760123, 10114131, 37239072, 137698584, 511140558, 1904038986, 7115422212, 26668376994
A SIMPLE RECURRENCE. REF IC 16 351 70.

1144 1, 3, 10, 35, 126, 462, 1716, 6435, 24310, 92378, 352716, 1352078, 5200300, 20058300, 77558760, 300540195, 1166803110, 4537567650, 17672631900
CENTRAL BINOMIAL COEFFICIENTS. REF RS1.

1145 1, 3, 10, 36, 137, 543, 2219, 9285, 39587, 171369, 751236, 3328218, 14878455, 67030785, 304036170, 1387247580, 6363044315, 29323149825, 135700543190
RESTRICTED HEXAGONAL POLYOMINOES. REF EMS 17 11 70. RE3.

1146 1, 3, 10, 38, 154, 654, 2871, 12925, 59345, 276835, 1308320, 6250832, 30142360, 146510216, 717061938, 3530808798, 17478955570, 86941210950, 434299921440
DISSECTIONS OF A POLYGON. REF EMN 32 6 40. BAMS 54 359 48.

1147 1, 3, 10, 38, 156, 692
SYMMETRIC PERMUTATIONS. REF LU1 1 222.

1148 1, 3, 10, 41, 196, 1057, 6322, 41393, 293608, 2237921, 18210094, 157329097, 1436630092, 13810863809, 139305550066, 1469959371233
TREES OF HEIGHT AT MOST 1. REF JCT 3 134 67, 5 102 68.

1149 1, 3, 10, 41, 206, 1237, 8660
RELATED TO EULER NUMBERS. REF MST 20 70 52.

1150 1, 3, 10, 42, 193, 966, 5215, 30170, 186234, 1222065, 8496274, 62395234, 482700052
MODIFIED BESSEL FUNCTIONS. REF AS1 429.

1151 1, 3, 10, 43, 225, 1393, 9976, 81201, 740785, 7489051, 83120346, 1004933203, 13147251985, 185066460993, 2789144166880, 44811373131073
A(N + 1) = NA(N) + A(N - 1). REF EUR 22 15 59.

1152 1, 3, 10, 44, 238, 1650
CONNECTED UNLABELED PARTIALLY ORDERED SETS. REF NAMS 17 646 70. WR1.

1153 1, 3, 10, 45, 272, 2548, 39632, 1104306, 56871880, 5463113568, 97818171768(326167542296048, 202701136710498400, 23528432108055998 1952
SYMMETRIC RELATIONS. REF MI1 17 21 55. MAN 174 70 67. (DIVIDED BY 2.)

1154 1, 3, 10, 53, 265, 1700
SORTING NUMBERS. REF PSPM 19 173 71.

1155 1, 3, 10, 56, 468, 7123, 194066
NON-SEPARABLE GRAPHS. REF JCT 9 352 70.

1156 1, 3, 10, 70, 708, 15248, 543520
SELF-CONVERSE DIGRAPHS. REF MAT 13 157 66.

1157 1, 3, 11, 25, 137, 49, 363, 761, 7129, 7381, 83711, 86021, 1145993, 1171733, 1195757, 2436559, 42142223, 14274301, 275295799, 55835135, 18858053, 19093197
NUMERATORS OF HARMONIC NUMBERS. REF KN1 1 615.

1158 1, 3, 11, 29, 74, 167, 367, 755, 1515, 2931, 5551, 10263, 18677, 33409, 59024, 102984, 177915, 304458, 516939, 871180, 1458882, 2428548, 4021670, 6627515
TREES OF DIAMETER 6. REF IBMJ 4 476 60. KU1.

1159 1, 3, 11, 39, 131, 423, 1331
A PROBLEM IN PARITY. REF IJ1 11 162 69.

1160 1, 3, 11, 41, 153, 571, 2131, 7953, 29681, 110771, 413403, 1542841, 5757961, 21489003, 80198051, 299303201, 1117014753, 4168755811, 15558008491
A(N) = 4A(N - 1) - A(N - 2). REF EUL (1) 1 375 11. MMAG 40 78 67.

1161 1, 3, 11, 43, 683, 2731, 43691, 174763, 2796203, 715827883, 2932031007403, 768614336404564651, 201487636602438195784363
PRIMES OF FORM (2P + 1)/3. REF MMAG 27 157 54.**

1162 1, 3, 11, 44, 186, 814, 3652, 16689, 77359, 362671, 1716033, 8182213
FIXED HEXAGONAL POLYOMINOES. REF LU5.

1163 1, 3, 11, 45, 197, 903, 4279, 20793, 103049, 518859, 2646723, 13648869, 71039373, 372693519, 1968801519, 10463578353, 55909013009, 300159426963
DISSECTIONS OF A POLYGON, OR PARENTHESIZING A PRODUCT. REF EMN 32 6 40. BAI 54 359 48. RCI 168. CO1 1 71.

1164 1, 3, 11, 49, 261, 1631, 11743, 95901, 876809, 8877691
BINOMIAL COEFFICIENT SUMS. REF CJM 22 26 70.

1165 1, 3, 11, 50, 274, 1764, 13068, 109584, 1026576, 10628640, 120543840, 1486442880, 19802759040, 283465647360, 4339163001600, 70734282393600
STIRLING NUMBERS OF FIRST KIND. REF AS1 833. DKB 226.

1166 1, 3, 11, 53, 309, 2119, 16687, 148329, 1468457, 16019531, 190899411, 2467007773, 34361893981, 513137616783, 8178130767479
A(N) = NA(N – 1) + (N – 1)A(N – 2). REF R1 188. DKB 263. MAG 52 381 68.

1167 1, 3, 11, 55, 330, 2345
SUBSPACES OF JORDAN ALGEBRAS. REF JL2 309.

1168 1, 3, 11, 56, 348, 2578, 22054, 213798, 2313638, 27627434, 360646314, 5107177312, 77954299144, 1275489929604, 22265845018412, 412989204564572
STOCHASTIC MATRICES OF INTEGERS. REF DMJ 35 659 68.

1169 1, 3, 11, 57, 361, 2763, 24611, 250737, 2873041, 36581523, 512343611, 7828053417, 129570724921, 2309644635483, 44110959165011, 898621108880097
GENERALIZED EULER NUMBERS. REF MTAC 21 693 67.

1170 1, 3, 11, 145, 197, 903, 4279, 20793, 103049
SCHRODERS SECOND PROBLEM. REF ZMP 15 366 1870.

1171 1, 3, 12, 29, 57, 99, 157, 234, 333, 456, 606, 786, 998, 1245
SERIES-REDUCED PLANTED TREES. REF RI1.

1172 1, 3, 12, 50, 27, 1323, 928, 1080, 48525, 3237113, 7587864, 23361540993, 770720657, 698808195, 179731134720, 542023437008852, 3212744374395
COTESIAN NUMBERS. REF QJM 46 63 14.

1173 1, 3, 12, 52, 241, 1173, 5929, 30880, 164796, 897380, 4970296, 27930828, 158935761, 914325657, 5310702819, 31110146416, 183634501753, 1091371140915
SIMPLE TRIANGULATIONS OF PLANE. REF CJM 15 268 63.

1174 1, 3, 12, 55, 273, 1428, 7752, 43263, 246675
DISSECTIONS OF A POLYGON. REF AMP 1 198 1841. EMN 32 5 40. CMA 2 25 70.

1175 1, 3, 12, 56, 288, 1584, 9152, 54912, 339456
ROOTED BICUBIC MAPS. REF CJM 15 269 63.

1176 1, 3, 12, 56, 321, 2175, 17008, 150504, 1485465, 16170035, 192384876, 2483177808, 34554278857, 515620794591, 8212685046336
PERMUTATIONS BY NUMBER OF PAIRS. REF DKB 264.

1177 1, 3, 12, 58, 325, 2143
COMMUTATIVE SEMIGROUPS. REF PL1. MA4 2 2 67.

1178 1, 3, 12, 60, 358, 2471, 19302, 167894, 1606137, 16733779, 188378402, 2276423485, 29367807524, 402577243425, 5840190914957, 89345001017415
COEFFICIENTS OF ITERATED EXPONENTIALS. REF SMA 11 353 45.

1179 1, 3, 12, 60, 360, 2520, 20160, 181440, 1814400, 19958400, 239500800, 3113510400, 43589145600, 653837184000, 10461394944000, 177843714048000
GENERALIZED STIRLING NUMBERS. REF PEF 77 26 62.

1180 1, 3, 12, 60, 420, 4620, 60060, 180180, 360360, 6126120, 116396280, 2677114440, 77636318760, 2406725881560, 89048857617720, 3651003162326520
A HIGHLY COMPOSITE SEQUENCE. REF BSMF 97 152 69.

1181 1, 3, 12, 70, 465, 3507, 30016, 286884, 3026655, 34944085, 438263364, 5933502822, 86248951243, 1339751921865, 22148051088480, 388246725873208
POLYGONS FORMED FROM N LINES. REF CO1 2 120.

1182 1, 3, 13, 27, 52791, 482427, 124996631
ASYMPTOTIC EXPANSION OF AN INTEGRAL. REF MTAC 19 114 65.

1183 1, 3, 13, 31, 43, 67, 71, 83, 89, 107, 151, 157, 163, 191, 197, 199, 227, 283, 29 307, 311, 347, 359, 373, 401, 409, 431, 439, 443, 467, 479, 523, 557, 563, 569, 587,
10 IS A QUADRATIC RESIDUE MODULO P. REF KR1 1 61.

1184 1, 3, 13, 63, 321, 1683, 8989, 48639, 265729, 1462563, 8097453, 45046719, 251595969, 1409933619, 7923848253, 44642381823, 252055236609, 14258347244
A SQUARE RECURRENCE. REF MES 54 75 24. SIAMR 12 277 70.

1185 1, 3, 13, 63, 326, 1761
ROOTED PLANAR MAPS. REF CJM 15 542 63.

1186 1, 3, 13, 65, 403, 2885, 23515, 214805
THE GAME OF MOUSETRAP. REF QJM 15 241 1878.

1187 1, 3, 13, 68, 399, 2530, 16965, 118668, 857956, 6369838
PLANAR TRIANGULATIONS. REF CJM 14 32 62.

1188 1, 3, 13, 70, 462, 3592, 32056, 322626, 3611890, 44491654, 597714474, 8693651092, 136059119332, 2279212812480, 40681707637888, 770631412413148
STOCHASTIC MATRICES OF INTEGERS. REF DMJ 35 659 68.

1189 1, 3, 13, 71, 465, 3539, 30637, 296967, 3184129, 37401155, 477471021, 6581134823, 97388068753, 1539794649171, 25902759280525, 461904032857319
A(N) = NA(N – 1) + (N – 3)A(N – 2). REF R1 188.

1190 1, 3, 13, 73, 501, 4051, 37633, 394353, 4596553, 58941091, 824073141, 12470162233, 202976401213, 3535017524403, 65573803186921, 12904342186699
FORESTS OF GREATEST HEIGHT. REF RCI 194. PSPM 19 172 71.

1191 1, 3, 13, 75, 541, 4683, 47293, 545835, 7087261, 102247563, 1622632573, 28091567595, 526858348381, 10641342970443, 230283190977853
PREFERENTIAL ARRANGEMENTS. REF CAY 4 113. PLMS 22 341 1891. AMM 69 7 62. PSP 172 71.

1192 1, 3, 13, 81, 721, 9153, 165313
COLORED GRAPHS. REF CJM 12 413 60 (DIVIDED BY 2). JCT 6 17 69.

1193 1, 3, 13, 83, 592, 4821, 43979, 444613, 4934720, 59661255, 780531033, 10987095719, 165586966816, 2660378564777, 45392022568023, 81971678478919
MENAGE NUMBERS. REF LU1 1 495.

1194 1, 3, 13, 87, 841, 11643
GRADED PARTIALLY ORDERED SETS. REF JCT 6 17 69.

1195 1, 3, 13, 87, 1053, 28576, 2141733, 508147108
INCIDENCE MATRICES. REF CPM 89 217 64.

1196 1, 3, 13, 146, 40422
SWITCHING NETWORKS. REF JFI 276 317 63.

1197 1, 3, 13, 183, 33673, 1133904603, 1285739649838492213, 16531264471668085702525153151001295 83
A NONLINEAR RECURRENCE. REF DMJ 4 325 38.

1198 1, 3, 13, 308, 1476218
SWITCHING NETWORKS. REF JFI 276 317 63.

1199 1, 3, 13, 781, 137257, 28531167061, 25239592216021, 51702516367896047761, 10991220309223964384022 1, 94911218181126872883431967 7753
(PP - 1)/(P - 1) WHERE P IS PRIME. REF MTAC 16 421 62. PSPM 19 174 71.**

1200 1, 3, 14, 39, 91, 173, 307, 502, 779
PARTITIONS INTO NON-INTEGRAL POWERS. REF PCPS 47 215 51.

1201 1, 3, 14, 42, 128, 334, 850, 2010, 4625, 10201, 21990, 46108, 94912, 191562, 380933, 746338, 1444676, 2763931, 5235309, 9822686, 18275648, 33734658, 61826344
TREES OF DIAMETER 7. REF IBMJ 4 476 60. KU1.

1202 1, 3, 14, 78, 504, 3720, 30960, 287280, 2943360, 33022080, 402796800, 5308934400, 75203251200, 1139544806400, 18394619443200, 315149522688000
DIFFERENCES OF FACTORIAL NUMBERS. REF JRAM 198 61 57.

1203 1, 3, 14, 80, 518, 3647, 27274, 213480, 1731652
HAMILTONIAN POLYGONS. REF CJM 14 417 62.

1204 1, 3, 14, 240, 63488, 4227858432, 18302628885633695744, 33895313892515354759047080037 1487866880
SELF-COMPLEMENTARY BOOLEAN FUNCTIONS. REF PGEC 12 561 63.

1205 1, 3, 15, 21, 15, 33, 1365, 3, 255, 399, 165, 69, 1365, 3, 435, 7161
DENOMINATORS OF COSECANT NUMBERS. REF NO1 458. ANN 36 640 35. DA2 2 187.

1206 1, 3, 15, 27, 51, 147, 243, 267, 347, 471
17.2N + 1 IS PRIME. REF PAMS 9 674 58.**

1207 1, 3, 15, 35, 315, 693, 3003, 6435, 109395, 230945
COEFFICIENTS OF LEGENDRE POLYNOMIALS. REF PR1 156. AS1 798.

1208 1, 3, 15, 60, 260, 1092, 4641, 19635, 83215, 352440, 1493064, 6324552
FROM FIBONACCI IDENTITIES. REF FQ 6 82 68.

1209 1, 3, 15, 69, 309, 1365, 5973, 25941, 112065, 482067, 2066583
WALKS ON A TRIANGULAR LATTICE. REF AIP 9 354 60.

1210 1, 3, 15, 75, 363, 1767, 8463, 40695, 193983, 926943, 4404939, 20967075, 99421371
WALKS ON A CUBIC LATTICE. REF PPS 92 649 67.

1211 1, 3, 15, 75, 435, 3045, 24465
PERMUTATIONS BY NUMBER OF CYCLES. REF R1 85.

1212 1, 3, 15, 79, 474, 3207, 24087, 198923, 1791902, 17484377
COEFFICIENTS OF HANKEL FUNCTIONS. REF CL1 XXXV.

1213 1, 3, 15, 86, 534, 3481
FIXED POLYOMINOES MADE FROM CUBES. REF LU6.

1214 1, 3, 15, 93, 639, 4653, 35169
WALKS ON A HONEYCOMB. REF AIP 9 345 60.

1215 1, 3, 15, 104, 164, 194, 255, 495, 584, 975, 2204, 2625, 2834, 3255, 3705, 5186, 5187
RELATED TO EULERS TOTIENT FUNCTION. REF AMM 56 22 49.

1216 1, 3, 15, 105, 315, 6930, 18018, 90090, 218790, 2078505, 4849845, 22309287, 50702925, 1825305300, 4071834900, 18032411700, 39671305740, 347123925225
COEFFICIENTS OF LEGENDRE POLYNOMIALS. REF PR1 156. AS1 798.

1217 1, 3, 15, 105, 945, 10395, 135135, 2027025, 34459425, 654729075, 13749310573 16234143225, 7905853580625, 213458046676875, 6190283353629375
DOUBLE FACTORIALS. REF AMM 55 425 48. MTAC 24 231 70.

1218 1, 3, 15, 105, 947, 10472, 137337, 2085605, 36017472, 697407850, 14969626903 52877606716, 9064191508018, 252024567201300, 7542036496650006
COEFFICIENTS OF ITERATED EXPONENTIALS. REF SMA 11 353 45.

1219 1, 3, 16, 51, 126, 266
SEQUENCES BY NUMBER OF INCREASES. REF JCT 1 372 66.

1220 1, 3, 16, 67, 251, 888, 3023, 10038, 32722
PARTIALLY LABELED TREES. REF R1 138.

1221 1, 3, 16, 95, 672, 5397, 48704
DISCORDANT PERMUTATIONS. REF SMA 19 118 53.

1222 1, 3, 16, 96, 675, 5413, 48800, 488592, 5379333, 64595975, 840192288, 11767626752, 176574062535, 2825965531593, 48052401132800, 865108807357216
SUMS OF MENAGE NUMBERS. REF AH2 79. CJM 10 478 58. R1 198.

1223 1, 3, 16, 101, 756, 6607, 65794, 733833, 9046648
FORESTS OF ROOTED TREES. REF JCT 5 102 68.

1224 1, 3, 16, 111, 2548, 14385, 672360, 10351845, 270594968, 2631486186, 310710613080
COEFFICIENTS FOR STEP-BY-STEP INTEGRATION. REF JACM 11 231 64.

1225 1, 3, 16, 125, 1176, 12847, 160504, 2261289, 35464816
FORESTS OF ROOTED TREES. REF JCT 5 102 68.

1226 1, 3, 16, 125, 1296, 16087, 229384, 3687609, 66025360
FORESTS OF ROOTED TREES. REF JCT 5 102 68.

1227 1, 3, 16, 125, 1296, 16807, 262144, 4782969, 100000000, 2357947691, 61917364224, 1792160394037, 56693912375296, 1946195068359375
(N + 1)(N - 1). REF BA1. R1 128.**

1228 1, 3, 16, 139, 1750, 29388, 623909
BICOVERINGS. REF SMH 3 147 68.

1229 1, 3, 16, 218, 9608, 1540944, 882033440, 1793359192848, 1302795682439955 34126043195297258035 2, 3252290938505588611119744 0
DIGRAPHS OR REFLEXIVE RELATIONS. REF MI1 17 20 55. MAN 174 70 67. HA5 225.

1230 1, 3, 16, 547, 538811, 620245817465
CONVERGENTS TO LEHMERS CONSTANT. REF DMJ 4 334 38.

1231 1, 3, 17, 99, 577, 3363, 19601, 114243, 665857, 3880899, 22619537, 131836323, 768398401, 4478554083, 26102926097, 152139002499, 886731088897
A(N) = 6A(N – 1) – A(N – 2). REF NCM 4 166 1878. QJM 45 14 14. ANN 36 644 35. AMM 75 683 68.

1232 1, 3, 17, 142, 1569, 21576, 355081, 6805296, 148869153, 3660215680, 99920609601, 2998836525312, 98139640241473, 3478081490967552
CONNECTED GRAPHS BY POINTS. REF AMS 26 515 55.

1233 1, 3, 17, 155, 2073, 38227, 929569, 28820619, 1109652905, 51943281731, 2905151042481, 191329672483963, 14655626154768697, 1291885088448017715
GENOCCHI NUMBERS. REF MTAC 1 386 45. FMR 1 73.

1234 1, 3, 17, 577, 665857, 886731088897, 1572584048032918633353217, 4946041176255201878775086487573351061418968498177
A NONLINEAR RECURRENCE. REF AMM 61 424 54.

1235 1, 3, 18, 61, 225, 716, 2272
ALKYLS. REF ZFK 93 437 36.

1236 1, 3, 18, 110, 795, 6489, 59332, 600732, 6674805, 80765135, 1057289046, 14890154058, 224497707343, 3607998868005
3-LINE LATIN RECTANGLES. REF R1 210 (DIVIDED BY 2). DKB 263.

1237 1, 3, 18, 190, 3285, 88851, 3640644, 220674924
PRECOMPLETE POST FUNCTIONS. REF SMD 10 619 69. RO3.

1238 1, 3, 18, 1200, 33601536
SWITCHING NETWORKS. REF JFI 276 317 63.

1239 1, 3, 18, 5778, 192900153618, 71779052375799465897435929246841 78
EXTRACTING A SQUARE ROOT. REF AMM 44 645 37.

1240 1, 3, 19, 193, 2721, 49171, 1084483, 28245729, 848456353, 28875761731, 1098127402131, 46150226651233, 2124008553358849, 106246577894593683
CONVERGENTS TO E. REF BA4 17 1871. MTAC 2 69 46.

1241 1, 3, 19, 195, 3031, 67263
GRADED PARTIALLY ORDERED SETS. REF JCT 6 17 69.

1242 1, 3, 19, 211, 3651, 90921, 3081513, 136407699, 7642177651, 528579161353, 44237263696473, 4405990782649369, 515018848029036937
COEFFICIENTS OF A BESSEL FUNCTION. REF AMM 71 493 64.

1243 1, 3, 19, 219, 3991, 106623
GRADED PARTIALLY ORDERED SETS. REF JCT 6 17 69.

1244 1, 3, 19, 219, 4231, 130023, 6129859
LABELED PARTIALLY ORDERED SETS. REF CACM 10 296 67. PURB 19 240 68. CO1 1 74.

1245 1, 3, 19, 233, 4851, 158175, 7724333
CONNECTED LABELED TOPOLOGIES. REF WR1.

1246 1, 3, 20, 35, 126, 231, 3432, 6435, 24310, 46189, 352716, 676039, 2600150, 5014575, 155117520, 300540195, 1166803110
COEFFICIENTS OF LEGENDRE POLYNOMIALS. REF PR1 157. FMR 1 362.

1247 1, 3, 20, 119, 696, 4059, 23660, 137903, 803760, 4684659, 27304196, 159140515 927538920, 5406093003, 31509019100, 183648021599, 1070379110496
PYTHAGOREAN TRIANGLES. REF MLG 2 322 10. FQ 6(3) 104 68.

1248 1, 3, 20, 130, 924, 7308, 64224, 623376, 6636960, 76998240, 967524480, 13096736640, 190060335360, 2944310342400, 48503818137600, 846795372595200
ASSOCIATED STIRLING NUMBERS. REF R1 75. CO1 2 98.

1249 1, 3, 20, 996, 9333312
POST FUNCTIONS. REF ZML 7 198 61.

1250 1, 3, 21, 282, 6210, 202410, 9135630, 545007960, 41514583320, 393073010820 452785322266200, 62347376347779600, 10112899541133589200
STOCHASTIC MATRICES OF INTEGERS. REF PSAM 15 101 63. ST2.

1251 1, 3, 21, 651, 457653, 210065930571, 44127887745696109598901, 19472704769152964495596931760610302427680 3403
A NONLINEAR RECURRENCE. REF PRSE 59(2) 159 39. SA2.

1252 1, 3, 21, 6615, 64595475
STABLE FEEDBACK SHIFT REGISTERS. REF RO1 238.

1253 1, 3, 22, 192, 2046, 24853, 329406
PARTITION FUNCTION FOR CUBIC LATTICE. REF JMP 3 185 62.

1254 1, 3, 22, 207, 2412, 31754, 452640, 6840774
WALKS ON A CUBIC LATTICE. REF JMP 3 188 62.

1255 1, 3, 22, 333, 355, 103993, 104348, 208341, 312689, 833719, 1146408, 4272943 5419351, 80143857, 165707065, 245850922, 411557987, 1068966896
CONVERGENTS TO PI. REF ELM 2 7 47.

1256 1, 3, 23, 165, 3802, 21385, 993605, 15198435, 394722916, 3814933122, 447827009070
COEFFICIENTS FOR STEP-BY-STEP INTEGRATION. REF JACM 11 231 64.

1257 1, 3, 23, 177, 1553, 14963, 157931
POLYGONS. REF IDM 26 118 19.

1258 1, 3, 24, 216, 1824, 15150
CARD MATCHING. REF R1 193.

1259 1, 3, 24, 1676, 22920064
SWITCHING NETWORKS. REF JFI 276 317 63.

1260 1, 3, 25, 155, 1005, 7488, 64164, 619986, 6646750, 78161249, 999473835, 13801761213, 204631472475, 3241541125110
PERMUTATIONS BY NUMBER OF PAIRS. REF DKB 264.

1261 1, 3, 25, 299, 4785, 95699, 2296777, 64309755, 2057912161, 74084837795, 2963393511801, 130389314519243, 6258687096923665, 325451729040030579
PERMUTATIONS WITH NO CYCLES OF LENGTH 4. REF R1 83.

1262 1, 3, 25, 765, 3121, 233275, 823537, 117440505, 387420481, 89999999991
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1263 1, 3, 27, 143, 3315, 20349, 260015, 1710855, 92116035, 631165425, 8775943605, 61750730457
COEFFICIENTS OF LEGENDRE POLYNOMIALS. REF MTAC 3 17 48.

1264 1, 3, 29, 289, 1627, 27769, 18044381, 145511171, 1514611753, 142324922009
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1265 1, 3, 29, 322, 3571, 39603, 439204, 4870847, 54018521, 599074578, 6643838879, 73681302247, 817138163596, 9062201101803, 100501350283429
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1266 1, 3, 30, 70, 315, 693, 12012, 25740, 109395, 230945, 1939938, 4056234, 16900975, 35102025, 1163381400, 2404321560, 9917826435, 20419054425
COEFFICIENTS OF LEGENDRE POLYNOMIALS. REF PR1 156. AS1 798.

1267 1, 3, 30, 175, 4410, 29106, 396396, 2760615, 156434850
COEFFICIENTS OF LEGENDRE POLYNOMIALS. REF PR1 157. FMR 1 362.

1268 1, 3, 31, 8401, 100130704103
TERNARY TREES. REF CMB 11 90 68.

1269 1, 3, 32, 225, 1320, 7007, 34944, 167076, 775200, 3517470, 15690048
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1270 1, 3, 33, 338, 3580, 39525, 452865, 5354832, 65022840, 807560625, 10224817515, 131631305614
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1271 1, 3, 33, 564, 8976, 155124, 2791300, 51395172
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1272 1, 3, 33, 903, 46113, 3784503, 455538993, 75603118503, 16546026500673, 4616979073434903, 1599868423237443153, 674014138103352845703
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1273 1, 3, 37, 1, 13, 638
QUEENS PROBLEM. REF SL1 49.

1274 1, 3, 38, 135, 4315, 48125, 950684, 7217406, 682590930
COEFFICIENTS FOR STEP-BY-STEP INTEGRATION. REF JACM 11 231 64.

1275 1, 3, 40, 336, 2304, 14080, 79872, 430080, 2228224, 11206656, 55050240, 265289728, 1258291200
COEFFICIENTS OF CHEBYSHEV POLYNOMIALS. REF LA4 518.

1276 1, 3, 43, 95, 12139, 25333, 81227, 498233, 121563469, 246183839, 32808117961
COEFFICIENTS FOR NUMERICAL DIFFERENTIATION. REF PHM 33 13 42.

1277 1, 3, 45, 252, 28350, 1496880, 3405402000, 17513496000, 7815397590000, 5543722023840000, 23521220586864000O, 206559082608278400000
COEFFICIENTS FOR REPEATED INTEGRATION. REF JM2 28 56 49.

1278 1, 3, 48, 765, 12192, 194307, 3096720, 49353213, 786554688, 12535521795, 199781794032, 3183973182717, 50743789129440, 808716652888323
A(N) = 16A(N – 1) – A(N – 2). REF NCM 4 167 1878. TH2 281.

1279 1, 3, 53, 680, 8064, 96370, 1200070, 15778800, 220047400, 3257228485, 51125192475, 849388162448
PERMUTATIONS BY NUMBER OF PAIRS. REF DKB 264.

1280 1, 3, 55, 8103, 8886111, 72004899337, 4311231547115195, 190734657249509969O525, 623514908081161688290923870 9
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1281 1, 3, 57, 2763, 250737, 36581523, 7828053417, 2309644635483, 898621108880097, 445777636063460643, 274613643571568682777
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1282 1, 3, 59, 131, 251, 419, 659, 1019, 971, 1091, 2099, 1931, 1811, 3851, 3299, 2939, 3251, 4091, 4259, 8147, 5099, 9467, 6299, 6971, 8291, 8819
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1283 1, 3, 60, 630, 5040, 34650, 216216
COEFFICIENTS FOR EXTRAPOLATION. REF SE2 93.

1284 1, 3, 60, 1197, 23880, 476403, 9504180, 189607197, 3782639760, 75463188003, 1505481120300, 30034159217997, 599177703239640, 11953519905574803
A(N) = 20A(N – 1) – A(N – 2). REF NCM 4 167 1878. MTS 65(4, SUPPLEMENT) 8 56.

1285 1, 3, 70, 3783
FINITE AUTOMATA. REF CJM 17 112 65.

1286 1, 3, 73, 8599, 400091364
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1287 1, 3, 196, 3406687200
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1288 1, 3, 567, 43659, 392931, 1724574159, 2498907956391, 1671769422825579, 88417613265912513891, 2185751041823287549680 3
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1289 1, 3, 840, 54486432000
INVERTIBLE BOOLEAN FUNCTIONS. REF JACM 10 27 63.

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1290 1, 4, 0, 0, 8, 60, 144, 416, 1248, 4200, 13248, 42936, 138072
SUSCEPTIBILITY FOR CUBIC LATTICE. REF PHA 28 947 62.

1291 1, 4, 1, 4, 2, 1, 3, 5, 6, 2, 3, 7, 3, 0, 9, 5, 0, 4, 8, 8, 0, 1, 6, 8, 8, 7, 2, 4, 2, 0, 9, 6, 9, 8, 0, 7, 8, 5, 6, 9, 6, 7, 1, 8, 7, 5, 3, 7, 6, 9, 4, 8, 0, 7, 3, 1, 7, 6, 6, 7, 9, 7, 3, 7, 9, 9, 0, 7, 3
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1292 1, 4, 1, 6, 4, 8, 1, 13, 6, 12, 4, 14, 8, 24, 1, 18, 13, 20, 6, 32, 12, 24, 4, 31, 14, 40, 8, 30, 24, 32, 1, 48, 18, 48, 13, 38, 20, 56, 6, 42, 32, 44, 12, 78, 24, 48, 4, 57, 31, 72, 14
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1293 1, 4, 1, 12, 186, 4, 86, 4860
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1294 1, 4, 1, 16, 16, 120, 8, 728
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1295 1, 4, 2, 7, 5, 15, 6, 37, 13, 36, 32, 37, 34, 73, 58, 183, 150, 262, 186, 1009, 420, 707, 703, 760, 1180, 4639
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1296 1, 4, 2, 8, 5, 4, 10, 8, 9, 0, 14, 16, 10, 4, 0, 8, 14, 20, 2, 0, 11, 20, 32, 16, 0, 4, 14, 8, 9, 20, 26, 0, 2, 28, 0, 16, 16, 28, 22, 0, 14, 16, 0, 40, 0, 28, 26, 32, 17, 0, 32, 16, 22, 0, 10
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1297 1, 4, 2, 8, 13, 28, 26, 56, 69, 48, 134, 80, 182, 84, 312, 280, 204, 332, 142, 816, 91, 196, 780, 224, 526
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1298 1, 4, 3, 2, 3, 1, 2, 2, 1, 2, 3, 1, 3, 2, 3, 1, 2, 1, 2, 2, 2, 2, 2, 1, 3, 3, 2, 2, 3, 1, 2, 2, 3, 2, 2, 1, 3, 2, 3, 2, 3, 2, 3, 2, 1, 2, 3, 1, 3, 2, 2, 3, 3, 2, 3, 2, 2, 3, 4, 1, 2, 2, 2, 3, 3, 1, 3, 2, 2
FIBONACCI FREQUENCIES. REF HM1. MTAC 23 460 69. ACA 16 109 69.

1299 1, 4, 3, 4, 2, 9, 4, 4, 8, 1, 9, 0, 3, 2, 5, 1, 8, 2, 7, 6, 5, 1, 1, 2, 8, 9, 1, 8, 9, 1, 6, 6, 0, 5, 0, 8, 2, 2, 9, 4, 3, 9, 7, 0, 0, 5, 8, 0, 3, 6, 6, 6, 5, 6, 6, 1, 1, 4, 4, 5, 3, 7, 8, 3, 1, 6, 5, 8, 6
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1300 1, 4, 3, 4, 4, 8, 11, 4, 4, 12, 48, 12, 8, 16, 25, 16, 4, 20, 0, 32, 12, 24, 248, 4, 12, 4, 208, 28, 16, 32, 41, 48, 16, 32, 400, 36, 20, 48, 88, 40, 32, 44, 544, 16, 24, 48, 732, 8, 4
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1301 1, 4, 3, 11, 15, 13, 17, 24, 23, 73, 3000, 11000, 15000, 101, 104, 103, 111, 115, 113, 117, 124, 123, 173, 473, 373, 1104, 1103, 1111, 1115, 1113, 1117, 1124, 1123, 1173
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1302 1, 4, 3, 32, 75, 216, 3577, 5888, 15741, 106300, 13486539, 9903168, 42194238652, 710986864, 796661595, 127626606592, 450185515446285
COTESIAN NUMBERS. REF QJM 46 63 14.

1303 1, 4, 3, 192, 20, 11520, 315, 573440, 36288, 928972800, 1663200, 54499737600, 74131200, 1322526965760, 68108040000
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1304 1, 4, 4, 2, 2, 4, 9, 5, 7, 0, 3, 0, 7, 4, 0, 8, 3, 8, 2, 3, 2, 1, 6, 3, 8, 3, 1, 0, 7, 8, 0, 1, 0, 9, 5, 8, 8, 3, 9, 1, 8, 6, 9, 2, 5, 3, 4, 9, 9, 3, 5, 0, 5, 7, 7, 5, 4, 6, 4, 1, 6, 1, 9, 4, 5, 4, 1, 6, 8
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1305 1, 4, 4, 32, 16, 56, 80, 192, 98, 740, 704, 96, 224, 2440, 3520, 2624, 351, 780, 10632, 2688, 2960, 9496, 18176, 14208, 3934, 12552, 9856, 24608, 9760, 2720, 25344
RELATED TO REPRESENTATION AS SUMS OF SQUARES. REF QJM 38 320 07.

1306 1, 4, 5, 0, 4, 6, 0, 6, 8, 7, 0, 1, 8, 3, 5, 5, 1, 7, 7, 6, 6, 2, 3, 3, 8, 2, 3, 1, 1, 9, 7, 0, 9, 2, 2, 1, 1, 6, 6, 9, 3, 0, 1, 0, 1, 8, 7, 3, 6, 9, 3, 5, 2, 0, 8, 9, 0, 9, 8, 4, 8, 6, 9, 5, 4, 2, 3, 3, 6
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1307 1, 4, 5, 6, 4, 8, 13, 13, 6, 12, 20, 14, 8, 24, 29
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1308 1, 4, 5, 6, 10, 15, 21, 31, 46, 67, 98, 144, 211, 309, 453, 664, 973, 1426, 2090, 3063, 4489, 6579, 9642, 14131, 20710, 30352, 44483, 65193, 95545, 140028, 205221
A(N) = A(N – 1) + A(N – 3). REF JA2 91. FQ 6(3) 68 68.

1309 1, 4, 5, 9, 14, 23, 37, 60, 97, 157, 254, 411, 665, 1076, 1741, 2817, 4558, 7375, 11933, 19308, 31241, 50549, 81790, 132339, 214129, 346468, 560597, 907065, 14676
A(N) = A(N – 1) + A(N – 2). REF FQ 3 129 63.

1310 1, 4, 5, 10, 14, 41, 94, 154, 158
13.4N + 1 IS PRIME. REF PAMS 9 674 58.**

1311 1, 4, 5, 11, 16, 29, 45, 76, 121, 199, 320, 521, 841, 1364, 2205, 3571, 5776, 9349 15125, 24476, 39601, 64079, 103680, 167761, 271441, 439204, 710645, 1149851
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1312 1, 4, 5, 11, 20, 36, 65, 119, 218, 412, 770, 1466, 2784, 5322, 10226, 19691, 3804 73665, 142927, 277822, 540851, 1054502, 2058507, 4023164
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1313 1, 4, 5, 11, 22, 57, 51, 156
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1314 1, 4, 5, 15, 19, 45, 52, 118, 137, 281, 316, 625, 695, 1331
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1315 1, 4, 5, 16, 17, 20, 21, 64, 65, 68, 69, 80, 81, 84, 85, 256, 257, 260, 261, 272, 273 276, 277, 320, 321, 324, 325, 336, 337, 340, 341, 1024, 1025, 1028, 1029, 1040, 1041
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1316 1, 4, 5, 29, 34, 63, 286, 349, 635, 5429, 6064, 90325, 96389, 1054215, 2204819, 3259034, 15240955, 186150494, 387541943, 1348776323, 3085094589
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1317 1, 4, 6, 4, 3, 12, 16, 16, 6, 8, 18, 28, 26, 20, 2, 12, 23, 32, 36, 28, 6, 4, 22, 20, 39, 32, 32, 12, 2, 16, 12, 24, 40, 28, 34, 0, 6, 16, 0, 40, 6, 36, 26, 32, 5, 0, 20
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1318 1, 4, 6, 7, 7, 8, 9, 9, 10, 10, 10, 11, 11, 12, 12, 12, 13, 13, 13, 13, 14, 14, 14, 15, 1 15, 15, 16, 16, 16, 16, 16, 17, 17, 17, 17, 18, 18, 18, 18, 18, 19, 19, 19, 19, 19, 19, 20
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1319 1, 4, 6, 7, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 3 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54
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1320 1, 4, 6, 7, 9, 10, 15, 16, 22, 24, 25, 28, 31, 33, 36, 40, 42, 49
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1321 1, 4, 6, 7, 13, 14, 16, 20, 21, 23, 25, 27, 29, 32, 34, 42, 45, 49, 51, 53, 59, 60, 70, 75, 78, 81, 84, 85, 86, 87, 88, 90, 93, 95, 96, 104, 109, 114, 115, 116, 124, 125, 135, 13
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1322 1, 4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20, 21, 22, 24, 25, 26, 27, 28, 30, 32, 33, 34, 3 36, 38, 39, 40, 42, 44, 45, 46, 48, 49, 50, 51, 52, 54, 55, 56, 57, 58, 60, 62, 63, 64, 65
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1323 1, 4, 6, 9, 10, 14, 15, 21, 22, 25, 26, 33, 34, 35, 38, 39, 46, 49, 51, 55, 57, 58, 62, 65, 69, 74, 77, 82, 85, 86, 87, 91, 93, 94, 95, 106, 111, 115, 118, 119, 121, 122, 123, 12
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1324 1, 4, 6, 11, 14, 21, 24, 26, 29, 31, 39, 44, 46, 51, 54, 76, 79, 89, 94, 99, 101, 111, 119, 124, 129, 131, 136, 146, 149, 154, 156, 164, 176, 179, 181, 194, 201, 211, 214, 229
(4N2 + 1)/2 IS PRIME. REF EUL (1) 3 24 17.**

1325 1, 4, 6, 19, 49, 150, 442, 1424, 4522, 14924, 49536, 167367, 570285, 1965058
FLEXAGONS. REF AMM 64 153 57.

1326 1, 4, 6, 24, 66, 214, 676, 2209, 7296, 24460, 82926, 284068, 981882, 3421318, 12007554, 42416488, 150718770, 538421590, 1932856590
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1327 1, 4, 7, 8, 9, 10, 11, 12, 12, 13, 13, 14, 15, 15, 16, 16, 16, 17, 17, 18, 18, 19, 19, 19, 20, 20, 20, 21, 21, 21, 22, 22, 22, 23, 23, 23, 24, 24, 24, 24, 25, 25, 25, 25, 26, 26, 26
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1328 1, 4, 7, 8, 10, 26, 32, 70, 74, 122, 146, 308, 314, 386, 512, 554, 572, 626, 635, 728, 794, 842, 910, 914, 1015, 1082
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1329 1, 4, 7, 8, 11, 17, 20, 20, 23, 29, 35, 38, 39, 45, 51, 51, 54, 63, 69, 72, 78, 84, 87, 87, 90, 99, 111, 115, 115, 127, 133, 133, 136, 142, 151, 157, 163, 169, 178, 178, 184, 199
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1330 1, 4, 7, 10, 13, 17, 22, 25, 30, 35, 40, 46, 53, 57, 61
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1331 1, 4, 7, 10, 13, 19, 28, 31, 34, 40, 43, 52, 70, 73, 76, 82, 85, 91, 97, 103, 112, 115, 124, 127, 136, 145, 148, 157, 166, 175, 187, 190, 199, 202, 223, 241, 244, 259, 265, 271
(N(N + 1) + 1)/3 IS PRIME. REF CU1 1 248.

1332 1, 4, 7, 13, 25, 49, 94, 181, 349, 673, 1297, 2500, 4819, 9289, 17905, 34513, 66526, 128233, 247177, 476449, 918385, 1770244, 3412255, 6577333, 12678217
TETRANACCI NUMBERS. REF FQ 2 260 64.

1333 1, 4, 7, 31, 871, 756031, 571580604871, 326704387862983487112031, 106735757048926752040856495274871386126283608871
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1334 1, 4, 8, 1, 2, 1, 1, 8, 2, 5, 0, 5, 9, 6, 0, 3, 4, 4, 7, 4, 9, 7, 7, 5, 8, 9, 1, 3, 4, 2, 4, 3, 6, 8, 4, 2, 3, 1, 3, 5, 1, 8, 4, 3, 3, 4, 3, 8, 5, 6, 6, 0, 5, 1, 9, 6, 6, 1, 0, 1, 8, 1, 6, 8, 8, 4, 0, 1, 6
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1335 1, 4, 8, 9, 16, 25, 27, 32, 36, 49, 64, 72, 81, 100, 108, 121, 125, 128, 144, 169, 196, 200, 216, 225, 243, 256, 288, 289, 324, 343, 361, 392, 400, 432, 441, 484, 500, 512, 529
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1336 1, 4, 8, 9, 16, 25, 27, 32, 36, 49, 64, 81, 100, 121, 125, 128, 144, 169, 196, 216, 225, 243, 256, 289, 324, 343, 361, 400, 441, 484, 512, 529, 576, 625, 676, 729, 784, 841
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1337 1, 4, 8, 12, 13, 11, 28, 16, 23, 20, 1, 20, 12, 60, 11, 28, 59, 56, 52, 16, 28, 83, 84, 13, 112, 121, 61, 96, 144, 71, 160, 136, 140, 44, 76, 88, 181, 152, 179, 24, 47, 120, 220
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1338 1, 4, 8, 12, 17, 21, 25, 30, 34, 38, 43, 47, 51
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1339 1, 4, 8, 12, 17, 22, 27, 32
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1340 1, 4, 8, 16, 25, 37, 53, 71, 94, 122
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1341 1, 4, 8, 17, 39, 89, 211, 507, 1238, 3057, 7638
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1342 1, 4, 8, 18, 32, 58, 94, 151, 227, 338, 480, 676, 920, 1242, 1636
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1343 1, 4, 8, 20, 92, 2744, 950998216
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1344 1, 4, 8, 22, 51, 136
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1345 1, 4, 8, 25, 53, 164, 348, 1077, 2285, 7072, 40051, 46437, 98521, 304920, 646920, 2002201, 4247881, 13147084, 27892928, 86327905
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1346 1, 4, 8, 38, 209, 1400, 10849, 95516
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1347 1, 4, 8, 48, 10, 224, 80, 448, 231, 40, 248, 1408, 1466, 2240, 80, 1280, 4766, 924, 1944, 480, 9600, 6944, 2704, 8704, 15525, 5864, 3984, 14080, 25498, 2240, 10816
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1348 1, 4, 9, 11, 16, 29, 49, 76, 121, 199, 324, 521, 841, 1364, 2209, 3571, 5776, 9349, 15129, 24476, 39601, 64079, 103684, 167761, 271441, 439204, 710649, 1149851
A FIELDER SEQUENCE. REF FQ 6(3) 68 68.

1349 1, 4, 9, 16, 22, 36, 65, 112, 186, 309, 522, 885, 1492, 2509, 4225, 7124, 12010, 20236, 34094, 57453, 96823, 163163, 274946, 463316, 780755, 1315687, 2217112
A FIELDER SEQUENCE. REF FQ 6(3) 68 68.

1350 1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144, 169, 196, 225, 256, 289, 324, 361, 400, 441, 484, 529, 576, 625, 676, 729, 784, 841, 900, 961, 1024, 1089, 1156, 1225, 129
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1351 1, 4, 9, 16, 27, 36, 53, 70, 90, 113, 147, 173, 213, 260, 303, 355, 419, 477, 549, 634, 715, 806, 903, 1013, 1128, 1255, 1383, 1525, 1679, 1842, 2011, 2189, 2383, 2585
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1352 1, 4, 9, 16, 28, 43, 73, 130, 226, 386, 660, 1132, 1947, 3349, 5753, 9878, 16966, 29147, 50074, 86020, 147764, 253829, 436036, 749041, 1286728, 2210377, 3797047
A FIELDER SEQUENCE. REF FQ 6(3) 68 68.

1353 1, 4, 9, 19, 37, 73, 143, 279, 548, 1079, 2132, 4223, 8384, 16673, 33203, 66190, 132055, 263619, 526502, 1051899, 2102137, 4201783, 8399828, 16794048, 33579681
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1354 1, 4, 9, 21, 40, 74, 125, 209, 330, 515, 778, 1160, 1690, 2439, 3457, 4857, 6735, 9264, 12607, 17040, 22826, 30391, 40165, 52788, 68938, 89589, 115778, 148957
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1355 1, 4, 9, 22, 46, 102, 206, 427, 841, 1658, 3173, 6038, 11251, 20807, 37907, 68493, 122338, 216819, 380637, 663417, 1147033, 1969961, 3359677, 5694592, 9592063
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1356 1, 4, 9, 28, 71, 202
CONNECTED GRAPHS WITH ONE CYCLE. REF R1 150.

1357 1, 4, 9, 61, 52, 63, 94, 46, 18, 1, 121, 441, 961, 691, 522, 652, 982, 423, 163, 4, 144, 484, 925, 675, 526, 676, 927, 487, 148, 9, 169, 4201, 9801, 6511, 5221, 6921, 9631
SQUARES WRITTEN BACKWARDS.

1358 1, 4, 9, 121, 484, 676, 10201, 12321, 14641, 40804, 44944, 69696, 94249, 698896, 1002001, 1234321, 4008004, 5221225, 6948496, 100020001, 102030201
PALINDROMIC SQUARES. REF JRM 3 94 70.

1359 1, 4, 10, 14, 20, 24, 30, 36, 40, 46, 50, 56, 60, 66, 72, 76, 82, 86, 92, 96, 102, 108, 112, 118, 122, 128, 132, 138, 150, 160, 169, 176, 186, 192, 196, 202, 206, 212, 218, 222
FIBONACCI NIM. REF FQ 3 62 65.

1360 1, 4, 10, 17, 18, 30, 34, 69, 109, 111, 189, 192, 193, 194, 195, 311, 763, 898, 900, 2215, 2810, 2811, 2812, 2813, 3417, 4260, 6000, 6002, 6003, 6004, 23331, 31569, 31601
RELATED TO GAPS BETWEEN PRIMES. REF MTAC 13 122 59.

1361 1, 4, 10, 17, 27, 40, 54, 71, 100, 121, 144, 170, 207, 237, 270, 314, 351, 400, 441, 484, 540, 587, 647, 710, 764, 831, 1000, 1061, 1134, 1210, 1277, 1357, 1440, 1524
SQUARES WRITTEN IN BASE 9. REF TH2 98.

1362 1, 4, 10, 20, 34, 56, 80, 120, 154, 220
COMPOSITIONS INTO RELATIVELY PRIME PARTS. REF FQ 2 250 64.

1363 1, 4, 10, 20, 35, 56, 84, 120, 165, 220, 286, 364, 455, 560, 680, 816, 969, 1140, 1330, 1540, 1771, 2024, 2300, 2600, 2925, 3276, 3654, 4060, 4495, 4960, 5456, 5984
TETRAHEDRAL NUMBERS OR BINOMIAL COEFFICIENTS C(N, 3). REF DI2 2 4. RS1. BE3 194. AS1 828.

1364 1, 4, 10, 20, 36, 64, 120, 240, 496, 952
EXPANSION OF BRACKET FUNCTION. REF FQ 2 254 64.

1365 1, 4, 10, 21, 40, 72, 125, 212
HIT POLYNOMIALS. REF RI3.

1366 1, 4, 10, 23, 40, 68, 108, 167, 241, 345, 482, 653, 869
FROM STORMERS PROBLEM. REF IJM 8 66 64.

1367 1, 4, 10, 23, 45, 83, 142, 237, 377, 588, 892, 1330, 1943, 2804, 3982, 5595, 7768, 10686, 14555, 19674, 26371, 35112, 46424, 61015, 79705, 103579, 133883, 172243
BIPARTITE PARTITIONS. REF NI1 19.

1368 1, 4, 10, 23, 48, 94, 166, 285, 464, 734, 1109, 1646
RESTRICTED PARTITIONS. REF CAY 2 280.

1369 1, 4, 10, 24, 49, 94, 169, 289, 468, 734, 1117, 1656
RESTRICTED PARTITIONS. REF CAY 2 280.

1370 1, 4, 10, 24, 70, 208, 700, 2344, 8230, 29144, 104968, 381304, 1398500, 5162224, 19175140, 71582944, 268439590, 1010580544, 3817763740, 14467258264
NECKLACES OF 4 COLORS. REF R1 162. IJM 5 658 61.

1371 1, 4, 10, 26, 59, 140, 307, 684, 1464, 3122, 6500, 13426, 27248, 54804, 108802, 214071, 416849, 805124, 1541637, 2930329, 5528733, 10362312, 19295226, 3571345
SOLID PARTITIONS. REF MTAC 24 956 70.

1372 1, 4, 10, 26, 59, 141, 310, 692, 1483, 3162, 6583, 13602, 27613, 55579, 110445, 217554, 424148, 820294, 1572647, 2992892, 5652954, 10605608, 19765082
RELATED TO SOLID PARTITIONS. REF PNISI 26 135 60. PCPS 63 1100 67.

1373 1, 4, 10, 27, 74, 202, 548, 1490, 4052, 11013, 29937, 81377, 221207, 601302, 1634509, 4443055, 12077476, 32829985, 89241150, 242582598, 659407867
SINH(N). REF AMP 3 33 1843. MNAS 14(5) 14 25. HA4. LF1 93.

1374 1, 4, 10, 30, 65, 173, 343, 778, 1518, 3088, 5609
RESTRICTED PARTITIONS. REF JCT 9 373 70.

1375 1, 4, 10, 30, 100, 354, 1300, 4890, 18700, 72354, 282340, 1108650, 4373500, 17312754, 68711380, 273234810, 1088123500, 4338079554, 17309140420
1N + 2**N + ··· + 4**N. REF AS1 813.**

1376 1, 4, 10, 56, 29, 332, 30, 1064, 302, 1940, 288, 1960, 1071, 1192, 1938, 736, 200 1488, 5014, 7288, 4170, 10644, 8482, 11184, 12647, 15544
RELATED TO REPRESENTATION AS SUMS OF SQUARES. REF QJM 38 56 07.

1377 1, 4, 11, 13, 23, 20, 24, 37, 61, 40, 71, 56, 97, 107, 73, 80, 143, 84, 131, 157, 191 193, 112, 169, 132, 143, 140, 156, 229, 179, 176, 181, 241, 251, 359, 349, 347, 204, 31
QUADRATIC PARTITIONS OF PRIME-SQUARES. REF CU3 79. LE1 60.

1378 1, 4, 11, 20, 31, 44, 61, 100, 121, 144, 171, 220, 251, 304, 341, 400, 441, 504, 55 620, 671, 744, 1021, 1100, 1161, 1244, 1331, 1420, 1511, 1604, 1701, 2000, 2101, 220
SQUARES WRITTEN IN BASE 8. REF TH2 95.

1379 1, 4, 11, 23, 79, 148, 533, 977, 3553, 6484, 23627, 43079, 157039, 286276
A(2N) = A(2N – 1) + 3A(2N – 2), A(2N + 1) = 2A(2N) + 3A(2N – 1). REF MQET 1 12 16.

1380 1, 4, 11, 26, 52, 98, 171, 289, 467, 737, 1131, 1704, 2515, 3661, 5246, 7430, 10396, 14405, 19760, 26884, 36269, 48583, 64614, 85399, 112170, 146526, 190362
BIPARTITE PARTITIONS. REF NI1 11.

1381 1, 4, 11, 26, 56, 114, 223, 424, 789, 1444
ARRAYS OF DUMBBELLS. REF JMP 11 3098 70.

1382 1, 4, 11, 26, 57, 120, 247, 502, 1013, 2036, 4083, 8178, 16369, 32752, 65519, 131054, 262125, 524268, 1048555, 2097130, 4194281, 8388584, 16777191, 33554406
EULERIAN NUMBERS 2N – N – 1. REF R1 215. DB1 151.**

1383 1, 4, 11, 29, 54, 99, 163, 239, 344, 486, 648, 847, 1069, 1355, 1680, 2046, 2446, 2911, 3443, 4022, 4662, 5395, 6145, 6998, 7913, 8913, 10006, 11194, 12437, 13751
POPULATION OF U2 + V**2 + W**2. REF PNISI 13 37 47.**

1384 1, 4, 11, 29, 76, 199, 521, 1364, 3571, 9349, 24476, 64079, 167761, 439204, 1149851, 3010349, 7881196, 20633239, 54018521, 141422324, 370248451, 96932302
BISECTION OF LUCAS SEQUENCE. REF FQ 9 284 71.

1385 1, 4, 11, 31, 83, 227, 616, 1674, 4550, 12367, 33617, 91380, 248397, 675214, 1835421, 4989191, 13562027, 36865412, 100210581, 272400600
FROM PARTIAL SUMS OF HARMONIC SERIES. REF AMM 78 870 71.

1386 1, 4, 11, 35, 101, 290, 804, 2256, 6296, 17689, 49952, 142016, 406330, 1169356, 3390052
PARAFFINS. REF JACS 54 1544 32.

1387 1, 4, 11, 41, 162, 715, 3425, 17722, 98253, 580317, 3633280, 24011157, 166888165, 1216070380, 9264071767, 73600798037, 608476008122, 5224266196935
EXPANSION OF EXP(EXP(X) – 1 – X).

1388 1, 4, 11, 60, 362, 2987
CUBIC GRAPHS. REF RE4.

1389 1, 4, 11, 64, 5276
SWITCHING NETWORKS. REF JFI 276 317 63.

1390 1, 4, 11, 79, 7621
SWITCHING NETWORKS. REF JFI 276 317 63.

1391 1, 4, 12, 15, 21, 35, 40, 45, 60, 55, 80, 72, 99, 91, 112, 105, 140, 132, 165, 180, 168, 195, 221, 208, 209, 255, 260, 252, 231, 285, 312, 308, 288, 299, 272, 275, 340, 325
QUADRATIC PARTITIONS OF PRIME-SQUARES. REF CU3 77. LE1 60.

1392 1, 4, 12, 22, 34, 51, 100, 121, 144, 202, 232, 264, 331, 400, 441, 514, 562, 642, 1024, 1111, 1200, 1261, 1354, 1452, 1552, 1654, 2061, 2200, 2311, 2424, 2542, 2662
SQUARES WRITTEN IN BASE 7. REF TH2 93.

1393 1, 4, 12, 25, 44, 70, 104, 147, 200, 264, 340, 429, 532, 650, 784, 935, 1104, 1292, 1500, 1729, 1980, 2254, 2552, 2875, 3224, 3600, 4004, 4437, 4900, 5394, 5920, 6479
POWERS OF ROOTED TREE ENUMERATOR. REF R1 150.

1394 1, 4, 12, 28, 68, 164, 396, 940, 2244, 5324, 12668, 29940, 71012, 167468, 396204
WALKS ON A SQUARE LATTICE. REF JCP 34 1261 61.

1395 1, 4, 12, 30, 70, 159, 339, 706, 1436, 2853
PARTITIONS INTO NON-INTEGRAL POWERS. REF PCPS 47 215 51.

1396 1, 4, 12, 31, 71, 147, 285, 519, 902, 1502
RESTRICTED PARTITIONS. REF CAY 2 261.

1397 1, 4, 12, 32, 76, 168, 352, 704
COEFFICIENTS OF AN ELLIPTIC FUNCTION. REF CAY 9 128.

1398 1, 4, 12, 32, 80, 192, 448, 1024, 2304, 5120, 11264, 24576, 53248, 114688, 245760, 524288, 1114112, 2359296, 4980736
COEFFICIENTS OF CHEBYSHEV POLYNOMIALS. REF PRSE 62 190 46. AS1 796.

1399 1, 4, 12, 32, 88, 240, 652, 1744, 4616, 12208, 32328, 85408, 224608, 588832
WALKS ON A KAGOME LATTICE. REF PRV 114 53 59.

1400 1, 4, 12, 36, 96, 264, 648, 1584, 3576, 7872, 15360, 29184, 51120, 90384, 158448, 286296, 509808, 904296, 1556304
STRONGLY ASYMMETRIC SEQUENCES. REF MTAC 25 159 71.

1401 1, 4, 12, 36, 100, 276, 740, 1972, 5172, 13492, 34876, 89764, 229628, 585508, 1486308, 3763460, 9497380
SUSCEPTIBILITY FOR SQUARE LATTICE. REF PHA 28 924 62.

1402 1, 4, 12, 36, 100, 284, 780, 2172, 5916, 16268, 44100, 120292, 324932, 881500, 2374444, 6416596, 17245332, 46466676, 124658732, 335116620, 897697164
WALKS ON A SQUARE LATTICE. REF JCP 34 1537 61. MFS.

1403 1, 4, 12, 36, 108, 324, 948, 2796, 8196, 24060, 70188, 205284, 597996, 1744548, 5073900, 14774652, 42922308
WALKS ON A DIAMOND LATTICE. REF PHA 29 381 63.

1404 1, 4, 12, 44, 172, 772, 3308, 14924, 64956, 294252, 1301044
WALKS ON A CUBIC LATTICE. REF PCPS 58 99 62.

1405 1, 4, 12, 80, 3984, 37333248, 25626412338274304
BOOLEAN FUNCTIONS. REF HA2 147.

1406 1, 4, 12, 132, 3156, 136980, 10015092, 1199364852
COLORED GRAPHS. REF CJM 22 596 70.

1407 1, 4, 13, 36, 87, 190, 386, 734, 1324
INCIDENCE MATRICES. REF CPM 89 217 64.

1408 1, 4, 13, 36, 93, 225, 528, 1198, 2666, 5815, 12517, 26587, 55933, 116564, 241151, 495417, 1011950, 2055892, 4157514, 8371318, 16792066, 33564256, 6687522
TREES OF HEIGHT 4. REF IBMJ 4 475 60. KU1.

1409 1, 4, 13, 41, 131, 428, 1429, 4861, 16795, 58785, 208011, 742899, 2674439, 9694844, 35357669, 129644789, 477638699, 1767263189, 6564120419, 24466267019
PERMUTATIONS BY SUBSEQUENCES. REF MTAC 22 390 68.

1410 1, 4, 13, 42, 131, 402
PARAFFINS. REF ZFK 93 437 36.

1411 1, 4, 13, 50, 203, 1154, 6627, 49352, 403273, 3862376
SUMS OF LOGARITHMIC NUMBERS. REF MST 31 78 63.

1412 1, 4, 14, 40, 101, 236, 518, 1080, 2162, 4180, 7840, 14328, 25591, 44776, 76918, 129952, 216240, 354864, 574958
COEFFICIENTS OF AN ELLIPTIC FUNCTION. REF CAY 9 128.

1413 1, 4, 14, 40, 105, 256, 594, 1324, 2860, 6020, 12402, 25088
CONVOLVED FIBONACCI NUMBERS. REF RCI 101.

1414 1, 4, 14, 44, 133, 388, 1116, 3168, 8938, 25100, 70334, 196824, 550656, 1540834314190, 12089368, 33911543, 95228760, 267727154, 753579420, 2123637318
POWERS OF ROOTED TREE ENUMERATOR. REF R1 150.

1415 1, 4, 14, 48, 165, 572, 2002, 7072, 25194, 90440, 326876, 1188640
PARTITIONS OF A POLYGON BY NUMBER OF PARTS. REF CAY 13 95.

1416 1, 4, 14, 49, 174, 628, 2298, 8504
PERMUTATIONS BY INVERSIONS. REF NET 96.

1417 1, 4, 14, 56, 331, 1324, 12284, 49136
RELATED TO EULER NUMBERS. REF JIMS 14 146 22.

1418 1, 4, 15, 54, 193, 690, 2476, 8928, 32358, 117866, 431381, 1585842, 5853849, 21690378, 80650536, 300845232, 1125555054, 4222603968, 15881652606
A SIMPLE RECURRENCE. REF IC 16 351 70.

1419 1, 4, 15, 55, 58, 74, 109, 110, 119, 140, 175, 245, 294, 418, 435, 452, 474, 492, 528, 535, 550, 562, 588, 644, 688, 702, 714, 740, 747, 753, 818, 868, 908, 918, 1098
SOLUTION OF A DIOPHANTINE EQUATION. REF MTAC 16 484 62. AT1 112.

1420 1, 4, 15, 56, 209, 780, 2911, 10864, 40545, 151316, 564719, 2107560, 7865521, 29354524, 109552575, 408855776, 1525870529, 5694626340, 21252634831
A(N) = 4A(N – 1) – A(N – 2). REF NCM 4 167 1878. AMM 24 82 17. MMAG 40 78 67. MTAC 24 180 70, 25 799 71.

1421 1, 4, 15, 56, 210, 792, 3003, 11440, 43758, 167960, 646646, 2496144
COEFFICIENTS OF CHEBYSHEV POLYNOMIALS. REF LA4 517. AS1 795. PL2 1 292 70.

1422 1, 4, 15, 76, 373, 2676, 17539, 152860, 1383561, 14658148
SUMS OF LOGARITHMIC NUMBERS. REF MST 31 79 63.

1423 1, 4, 15, 76, 455, 3186, 25487, 229384, 2293839
THE GAME OF MOUSETRAP. REF QJM 15 241 1878.

1424 1, 4, 15, 92, 653, 5897, 9323, 84626, 433832, 795028, 841971, 6939937, 51058209, 74944592, 307816406, 2862089986, 28034825342, 117067982148
DIGITS OF PI. REF MTAC 16 80 62.

1425 1, 4, 15, 276, 5534533
SWITCHING NETWORKS. REF JFI 276 317 63.

1426 1, 4, 16, 25, 37, 46, 58, 88, 109, 130, 142, 151, 184, 193, 205, 247, 268, 298, 310, 319, 331, 340, 382, 394, 403, 415, 424, 457, 478, 487, 541, 550, 604, 613, 688, 697, 709
(N(N + 1) + 1)/21 IS PRIME. REF CU1 1 252.

1427 1, 4, 16, 46, 106, 316, 1324, 5356, 18316, 63856, 272416, 1264264, 5409496, 22302736, 101343376, 507711376, 2495918224, 11798364736, 58074029056
EVEN PERMUTATIONS OF ORDER 2. REF CJM 7 168 55.

1428 1, 4, 16, 64, 256, 1024, 4096, 16384, 65536, 262144, 1048576, 4194304, 16777216, 67108864, 268435456, 1073741824, 4294967296, 17179869184
POWERS OF FOUR. REF BA1.

1429 1, 4, 16, 64, 736, 11584, 43072, 607232, 50435584, 1204185088
SUSCEPTIBILITY FOR DIAMOND LATTICE. REF PPS 86 13 65.

1430 1, 4, 16, 69, 348, 2016, 13357, 99376, 822040, 7477161, 74207208, 797771520, 9236662345, 114579019468, 1516103040832, 21314681315997
PERMUTATIONS BY LENGTH OF RUNS. REF DKB 261.

1431 1, 4, 16, 78, 457, 2938, 20118
TRIANGULATIONS OF THE DISK. REF PLMS 14 765 64.

1432 1, 4, 16, 80, 672, 4896, 49920, 460032, 5598720, 62584320, 885381120, 11644323840, 167811205120, 2841958748160, 51481298534400, 881192033648640
RESTRICTED PERMUTATIONS. REF MU1 3 468.

1433 1, 4, 16, 392, 1966074
SWITCHING NETWORKS. REF JFI 276 317 63.

1434 1, 4, 17, 72, 305, 1292, 5473, 23184, 98209, 416020, 1762289, 7465176, 31622993, 133957148, 567451585, 2403763488, 10182505537, 43133785636
A(N) = 4A(N – 1) + A(N – 2). REF TH2 282.

1435 1, 4, 18, 89, 466, 2537
ROOTED PLANAR MAPS. REF CJM 15 542 63.

1436 1, 4, 18, 96, 600, 4320, 35280, 322560, 3265920, 36288000, 439084800, 5748019200, 80951270400, 1220496076800, 19615115520000, 334764638208000
DIFFERENCES OF FACTORIAL NUMBERS. REF JRAM 198 61 57.

1437 1, 4, 18, 112, 820, 6912, 66178, 708256, 8372754, 108306280, 1521077404, 23041655136, 374385141832, 6493515450688, 119724090206940
STOCHASTIC MATRICES OF INTEGERS. REF DMJ 35 659 68.

1438 1, 4, 18, 126, 1160, 15973
SEMIGROUPS. REF PL1. MA4 2 2 67.

1439 1, 4, 18, 166, 7579, 7828352, 2414682040996
MONOTONE BOOLEAN FUNCTIONS, OR DEDEKINDS PROBLEM. REF HA2 188. BI1 63. CO1 116. WE1 181.

1440 1, 4, 19, 66, 219, 645, 1813, 4802, 12265, 30198, 72396, 169231, 387707, 87198 1930868, 4215615, 9091410, 19389327, 40944999, 85691893, 177898521
TREES OF DIAMETER 8. REF IBMJ 4 476 60. KU1.

1441 1, 4, 19, 556, 2945786
SWITCHING NETWORKS. REF JFI 276 317 63.

1442 1, 4, 19, 632, 19245637
SWITCHING NETWORKS. REF JFI 276 317 63.

1443 1, 4, 19, 5779, 192900153619, 717790523757994658974359292468417 9
A(N) = A(N – 1)3 – 3A(N – 1)**2 + 3. REF CR 83 1287 1876. DI2 1 397.**

1444 1, 4, 20, 56, 120, 220, 364, 560, 816, 1140, 1540, 2024, 2600, 3276, 4060, 4960, 5984, 7140, 8436, 9880, 11480, 13244, 15180, 17296, 19600, 22100, 24804, 27720
2N(N + 1)(2N + 1)/3. REF MTAC 4 23 50.

1445 1, 4, 20, 120, 840, 6720, 60480, 604800, 6652800, 79833600, 1037836800, 14529715200, 217945728000, 3487131648000, 59281238016000
GENERALIZED STIRLING NUMBERS. REF PEF 77 44 62.

1446 1, 4, 20, 124, 920, 7940, 78040
RELATED TO GAMMA FUNCTION. REF SE2 78.

1447 1, 4, 20, 148, 1348, 15104, 198144
FROM THE TRACE OF A MATRIX. REF MA3.

1448 1, 4, 20, 264, 80104
SWITCHING NETWORKS. REF JFI 276 317 63.

1449 1, 4, 21, 122, 849, 6719, 59873
HIT POLYNOMIALS. REF RI3.

1450 1, 4, 21, 134, 1001, 8544, 81901, 870274, 10146321, 128718044, 1764651461, 25992300894, 409295679481, 6860638482424, 121951698034461
A(N) = NA(N – 1) + (N – 4)A(N – 2). REF R1 188.

1451 1, 4, 21, 1531, 44782251
SWITCHING NETWORKS. REF JFI 276 317 63.

1452 1, 4, 21, 2914, 4379140552
SWITCHING NETWORKS. REF JFI 276 317 63.

1453 1, 4, 22, 107, 486, 2075, 8548, 33851, 130365, 489387, 1799700, 6499706, 23118465, 81134475, 281454170
CONNECTED GRAPHS BY POINTS AND LINES. REF ST1.

1454 1, 4, 22, 140, 969, 7084, 53820, 420732, 3362260
DISSECTIONS OF A POLYGON. REF AMP 1 198 1841.

1455 1, 4, 22, 154, 1304, 12915, 146115, 1855570, 26097835, 402215465, 6734414075, 121629173423, 2355470737637, 48664218965021, 1067895971109199
COEFFICIENTS OF ITERATED EXPONENTIALS. REF SMA 11 353 45.

1456 1, 4, 22, 166, 1726, 24814, 494902
RELATED TO PARTIALLY ORDERED SETS. REF JCT 6 17 69.

1457 1, 4, 22, 190, 3250, 136758, 17256831
INCIDENCE MATRICES. REF CPM 89 217 64.

1458 1, 4, 24, 120, 560, 2520, 11088, 48048
ALMOST CUBIC MAPS. REF PL2 1 292 70.

1459 1, 4, 24, 160, 1440, 18304, 330624
COLORED GRAPHS. REF CJM 12 412 60.

1460 1, 4, 24, 176, 1456, 13056, 124032, 1230592, 12629760, 133186560, 1436098560
ROOTED MAPS. REF CJM 14 416 62.

1461 1, 4, 24, 188, 1368, 10572
WALKS ON A DIAMOND LATTICE. REF PCPS 58 100 62.

1462 1, 4, 24, 188, 1705, 16980, 180670, 2020120, 23478426, 281481880, 3461873536, 43494961412, 556461655783
C-NETS. REF JCT 4 275 68.

1463 1, 4, 24, 192, 1920, 23040, 322560, 5160960, 92897280
SORTING NUMBERS. REF PSPM 19 172 71.

1464 1, 4, 26, 234, 2696, 37919, 630521, 12111114, 264051201, 6445170229, 174183891471, 5164718385337, 166737090160871, 5822980248613990
COEFFICIENTS OF ITERATED EXPONENTIALS. REF SMA 11 353 45.

1465 1, 4, 26, 236, 2752, 39208, 660032, 12818912, 282137824, 6939897856, 188666182784, 5617349020544, 181790703209728, 6353726042486272
SCHRODERS FOURTH PROBLEM. REF RCI 197. CO1 2 60.

1466 1, 4, 26, 236, 2760, 39572, 672592, 13227804, 295579520, 7398318500, 205075286784, 6236796259916, 206489747516416, 7393749269685300
TREES BY TOTAL HEIGHT. REF JA1 10 281 69.

1467 1, 4, 26, 260, 3368, 53744, 1022320, 22522960
BISHOPS PROBLEM. REF AH1 271.

1468 1, 4, 27, 248, 2830, 37782
A PROBLEM OF CONFIGURATIONS. REF CJM 4 25 52.

1469 1, 4, 27, 256, 3125, 46656, 823543, 16777216, 387420489, 10000000000, 285311670611, 8916100448256, 302875106592253, 11112006825558016
NN. REF BA1.**

1470 1, 4, 27, 14056, 104751025086
SWITCHING NETWORKS. REF JFI 276 317 63.

1471 1, 4, 28, 188, 1428, 10708
WALKS ON A DIAMOND LATTICE. REF PCPS 58 100 62.

1472 1, 4, 28, 196, 1324, 8980, 60028, 402412, 2675860, 17826340, 118145548, 784024780, 5193810940
WALKS ON A CUBIC LATTICE. REF PPS 92 649 67.

1473 1, 4, 28, 256, 2716, 31504, 387136
WALKS ON A DIAMOND LATTICE. REF AIP 9 345 60.

1474 1, 4, 28, 2272, 67170304
SWITCHING NETWORKS. REF JFI 276 321 AND 588 63.

1475 1, 4, 29, 206, 1708, 15702
HIT POLYNOMIALS. REF RI3.

1476 1, 4, 29, 355, 6942, 209527, 9535241
TOPOLOGIES OR LABELED TRANSITIVE DIGRAPHS. REF CACM 10 296 67. PURB 19 240 68. JA1 8 194 68.

1477 1, 4, 30, 220, 1855, 17304, 177996, 2002440, 24474285, 323060540, 4581585869487385604, 1122488536715
PERMUTATIONS BY NUMBER OF PAIRS. REF DKB 263.

1478 1, 4, 30, 336, 5040, 95040, 2162160, 57657600
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1479 1, 4, 31, 244, 1921, 15124, 119071, 937444, 7380481, 58106404, 457470751, 3601659604, 28355806081, 223244789044, 1757602506271, 13837575261124
A(N) = 8A(N – 1) – A(N – 2). REF NCM 4 167 1878.

1480 1, 4, 31, 362, 5676
MIXED HUSIMI TREES. REF PNAS 42 532 56.

1481 1, 4, 32, 200, 1120, 5880, 29568, 144144
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1482 1, 4, 32, 292, 2672, 24780, 232512, 2201948
WALKS ON A CUBIC LATTICE. REF PCPS 58 100 62.

1483 1, 4, 32, 336, 4096, 54912, 786432, 11824384
ALMOST CUBIC MAPS. REF PL2 1 292 70.

1484 1, 4, 33, 456, 9460, 274800, 10643745, 530052880, 32995478376, 2510382661920, 229195817258100, 24730000147369440, 3113066087894608560
RELATED TO BESSEL FUNCTIONS. REF PAMS 14 2 63.

1485 1, 4, 33, 480, 11010, 367560, 16854390, 1016930880
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1486 1, 4, 34, 113, 268, 524, 905, 1437, 2145, 3054, 4189, 5575, 7238, 9203, 11494, 14137, 17157, 20580, 24429, 28731, 33510, 38792, 44602, 50965, 57906, 65450, 73622
RELATED TO LATTICE POINTS IN SPHERES. REF PNISI 13 37 47.

1487 1, 4, 34, 496, 11056, 349504, 14873104, 819786496, 56814228736, 4835447317504, 495812444583424, 60283564499562496, 8575634961418940416
RELATED TO TANGENT NUMBERS. REF JFI 239 67 45. MTAC 1 385 45.

1488 1, 4, 34, 8900, 15320103918
SWITCHING NETWORKS. REF JFI 276 317 63.

1489 1, 4, 36, 308, 2764, 25404, 237164, 2237948
WALKS ON A CUBIC LATTICE. REF PCPS 58 100 62.

1490 1, 4, 36, 400, 4900, 63504, 853776
WALKS ON A SQUARE LATTICE. REF AIP 9 345 60.

1491 1, 4, 36, 480, 8400, 181440, 4656960, 138378240, 4670265600, 176432256000, 7374868300800, 337903056691200
COEFFICIENTS OF ORTHOGONAL POLYNOMIALS. REF MTAC 9 174 55.

1492 1, 4, 36, 576, 14400, 518400, 25401600, 1625702400, 131681894400, 13168189440000, 1593350922240000, 229442532802560000, 38775788043632640000
SQUARES OF FACTORIALS. REF RCI 217.

1493 1, 4, 36, 624, 18256, 814144, 51475776
COEFFICIENTS OF SINH X/ COS X. REF CMB 13 306 70.

1494 1, 4, 36, 3178, 298908192
SWITCHING NETWORKS. REF JFI 276 317 63.

1495 1, 4, 37, 559, 11776, 318511, 10522639, 410701432, 18492087079, 943507142461, 53798399207356, 3390242657205889, 233980541746413697
FROM BESSEL POLYNOMIALS. REF RCI 77. RI1.

1496 1, 4, 38, 728, 26704, 1866256, 251548592, 66296291072, 34496488594816, 35641657548953344, 73354596206766622208, 301272202649664088951808
CONNECTED LABELED GRAPHS. REF CJM 8 407 56. CA3.

1497 1, 4, 40, 468, 5828
SETS WITH A CONGRUENCE PROPERTY. REF MFC 15 315 65.

1498 1, 4, 40, 3264, 45826304
SWITCHING NETWORKS. REF JFI 276 317 63.

1499 1, 4, 40, 12096, 604800, 760320, 217945728000, 697426329600, 16937496576000, 30964207376793600, 18733345462960128000
COEFFICIENTS FOR CENTRAL DIFFERENCES. REF JM2 42 162 63.

1500 1, 4, 41, 614, 12281, 307024, 9210721, 322375234, 12895009361, 580275421244, 29013771062201, 1595757408421054, 95745444505263241
PERMUTATIONS WITH NO CYCLES OF LENGTH 5. REF R1 83.

1501 1, 4, 44, 408, 3688, 33212, 298932
COEFFICIENTS OF ELLIPTIC FUNCTIONS. REF TM1 4 92.

1502 1, 4, 46, 1064, 35792, 1673792, 103443808, 8154999232, 798030483328
RELATED TO LATIN RECTANGLES. REF BU2 33 125 41.

1503 1, 4, 46, 1322, 112519, 32267168, 34153652752
SELF-DUAL THRESHOLD FUNCTIONS. REF PGEC 17 806 68.

1504 1, 4, 48, 224, 448, 40, 1408, 2240, 1280, 924, 480, 6944, 8704, 5864, 14080, 22
33772, 19064, 11088, 54432, 4480, 38400, 43648, 75712, 124928, 62100, 70368
RELATED TO REPRESENTATION AS SUMS OF SQUARES. REF QJM 38 191 07.

1505 1, 4, 49, 273, 1023, 3003, 7462, 16422, 32946, 61446, 108031, 180895, 290745, 451269, 679644, 997084, 1429428, 2007768, 2769117, 3757117, 5022787, 6625311
CENTRAL FACTORIAL NUMBERS. REF RCI 217.

1506 1, 4, 51, 46218, 366543984720
SWITCHING NETWORKS. REF JFI 276 317 63.

1507 1, 4, 55, 2008, 153040, 20933840, 4662857360, 1579060246400, 772200774683520, 523853880779443200, 477360556805016931200
STOCHASTIC MATRICES OF INTEGERS. REF ST2.

1508 1, 4, 56, 9408, 16942080, 535281401856
REDUCED LATIN SQUARES. REF R1 210. RYS 53. FY1 22. RMM 193. JCT 3 98 67.

1509 1, 4, 60, 550, 4004, 25480, 148512, 813960, 4263600, 18573816
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1510 1, 4, 64, 2304, 147456, 14745600, 2123366400, 416179814400, 106542032486400, 34519618525593600
CENTRAL FACTORIAL NUMBERS. REF OP1 7. FMR 1 110. RCI 217.

1511 1, 4, 74, 63440, 244728561176
SWITCHING NETWORKS. REF JFI 276 324 AND 588 63.

1512 1, 4, 80, 3904, 354560, 51733504, 11070525440, 3266330312704, 1270842139934720, 630424777638805504, 388362339077351014400
MULTIPLES OF EULER NUMBERS. REF QJM 44 110 13. FMR 1 75.

1513 1, 4, 80, 4752, 440192, 59245120
RESTRICTED PERMUTATIONS. REF R1 187.

1514 1, 4, 108, 27648, 86400000, 4031078400000, 3319766398771200000, 5569643794172655697920000, 215779412229418562091680268288000000
PRODUCTS OF POWERS. REF FMR 1 50.

1515 1, 4, 120, 3024, 151200, 79200, 1513512000, 1513512000, 51459408000, 74662922880, 18068427336960, 133196739984000, 1215553449093984000
COEFFICIENTS FOR NUMERICAL DIFFERENTIATION. REF JM2 22 120 43.

1516 1, 4, 120, 12096, 3024000, 1576143360, 1525620096000, 2522591034163200, 6686974460694528000, 2703345607134653644800 0
SPECIAL DETERMINANTS. REF BMG 6 105 65.

1517 1, 4, 128, 16384, 4456448
GENERALIZED TANGENT NUMBERS. REF MTAC 21 690 67.

1518 1, 4, 129, 43968
COMMUTATIVE GROUPOIDS. REF JL2 246.

1519 1, 4, 136, 44224, 179228736, 9383939974144
RELATIONAL SYSTEMS. REF OB1.

1520 1, 4, 140, 4056, 129360, 4381848
SPECIFIC HEAT FOR CUBIC LATTICE. REF PRV 129 102 63.

1521 1, 4, 272, 55744, 23750912, 17328937984, 19313964388352, 30527905292468224, 64955605537174126592, 17901350806921701779046 4
GENERALIZED TANGENT NUMBERS. REF MTAC 21 690-67.

1522 1, 4, 302, 2569966041123963092
INVERTIBLE BOOLEAN FUNCTIONS. REF PGEC 13 350 64.

1523 1, 4, 32896, 3002399885885440, 14178431955039103827204744901417762816
RELATIONAL SYSTEMS. REF OB1.

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1524 1, 5, 1, 0, 5, 2, 8, 18, 19, 7, 16, 13, 6, 34, 27, 56, 12, 69, 11, 73, 20, 70, 70, 72, 57, 1, 30, 95, 71, 119, 56, 67, 94, 86, 151, 108, 21, 106, 48, 72, 159, 35, 147, 118, 173, 180
WILSON REMAINDERS. REF JLMS 28 253 53. AFM 4 481 61.

1525 1, 5, 1, 7, 8, 5, 19, 11, 23, 35, 27, 64, 61, 85, 137, 133, 229, 275, 344, 529, 599, 875, 1151, 1431, 2071, 2560, 3481, 4697, 5953, 8245, 10649, 14111, 19048, 24605
A SLOWLY INCREASING SEQUENCE. REF JLMS 8 166 33.

1526 1, 5, 1, 41, 31, 461, 895, 6481, 22591, 107029, 604031, 1964665, 17669471, 37341149, 567425279, 627491489, 19919950975, 2669742629, 759627879679
RELATED TO LATIN RECTANGLES. REF JMSJ 1(4) 240 50. R1 209.

1527 1, 5, 3, 251, 95, 19087, 5257, 1070017, 25713, 26842253, 4777223, 703604254357, 106364763817, 1166309819657, 25221445, 8092989203533249
FROM BERNOULLI POLYNOMIALS. REF JM2 22 49 43.

1528 1, 5, 4, 8, 7, 6, 11, 8, 9, 14, 18, 13, 11, 17, 16, 12, 13, 14, 28, 19, 14, 18, 16, 27, 22, 31, 16, 17, 26, 19, 24, 24, 23, 22, 28, 37, 41, 27, 32, 21, 26, 22, 23, 31, 22, 44, 48, 23
QUADRATIC PARTITIONS OF PRIMES. REF CU2 1. LE1 55.

1529 1, 5, 5, 10, 15, 6, 5, 25, 15, 20, 9, 45, 5, 25, 20, 10, 15, 20, 50, 35, 30, 55, 50, 15, 80, 1, 50, 35, 45, 15, 5, 50, 25, 55, 85, 51, 50, 10, 40, 65, 10, 10, 115, 50, 115, 100, 85, 80
COEFFICIENTS OF A MODULAR FORM. REF KNAW 59 207 56.

1530 1, 5, 6, 7, 9, 53, 60, 66, 83, 136, 185, 312, 3064, 3718, 8096, 9826, 12384, 16602, 16760, 182424, 323392
CLASS NUMBERS OF QUADRATIC FIELDS. REF MTAC 24 445 70.

1531 1, 5, 7, 4, 11, 8, 1, 5, 7, 17, 19, 13, 2, 20, 23, 19, 14, 25, 7, 23, 11, 13, 28, 22, 17, 29, 26, 32, 16, 35, 1, 5, 37, 35, 13, 29, 34, 31, 19, 2, 28, 10, 23, 25, 32, 43, 29, 1, 31, 11
QUADRATIC PARTITIONS OF PRIMES. REF CU2 1. LE1 55.

1532 1, 5, 7, 7, 2, 1, 5, 6, 6, 4, 9, 0, 1, 5, 3, 2, 8, 6, 0, 6, 0, 6, 5, 1, 2, 0, 9, 0, 0, 8, 2, 4, 0, 2, 4, 3, 1, 0, 4, 2, 1, 5, 9, 3, 3, 5, 9, 3, 9, 9, 2, 3, 5, 9, 8, 8, 0, 5, 7, 6, 7, 2, 3, 4, 8, 8, 4, 8, 6
EULERS CONSTANT. REF MTAC 17 175 63.

1533 1, 5, 7, 8, 9, 10, 11, 12, 12, 13, 13, 14, 15, 15, 16, 16, 16, 17, 17, 18, 18, 19, 19, 20, 20, 20, 21, 21, 21, 22, 22, 22, 23, 23, 23, 24, 24, 24, 24, 25, 25, 25, 25, 26, 26, 26
CHROMATIC NUMBERS IF 4 COLOR CONJECTURE FALSE. REF PNAS 60 438 68.

1534 1, 5, 7, 9, 11, 12, 13, 16, 17, 17, 19, 19, 22, 21, 23, 24, 26, 27, 29, 27, 28, 29, 32, 31, 31, 33, 32, 34, 33, 37, 37, 37, 39, 41, 39, 41, 43, 41, 41, 42, 43, 44, 46, 43, 44, 47,
QUADRATIC PARTITIONS OF PRIMES. REF CU2 1. LE1 55.

1535 1, 5, 7, 9, 53, 73, 83, 157, 185, 1927, 2295, 2273, 5313, 7173, 9529, 18545, 226 66011, 121725, 344909
CLASS NUMBERS OF QUADRATIC FIELDS. REF MTAC 24 445 70.

1536 1, 5, 7, 13, 11, 23, 15, 29, 25, 35
RELATED TO PLANAR PARTITIONS. REF MES 54 115 24.

1537 1, 5, 7, 19, 31, 53, 67
(10P + 1)/11 IS PRIME. REF SE1.**

1538 1, 5, 7, 21, 33, 429, 715, 2431, 4199, 29393, 52003, 185725, 334305
FROM DOUBLE FACTORIALS. REF RG1 415.

1539 1, 5, 8, 11, 15, 18, 22, 25, 29, 32, 35, 39, 42
WYTHOFF GAME. REF CMB 2 188 59.

1540 1, 5, 8, 31, 55, 203, 368, 1345, 2449, 8933, 16280, 59359, 108199
A(2N) = A(2N - 1) + 3A(2N - 2), A(2N + 1) = 2A(2N) + 3A(2N - 1). REF MQET 1 12 16.

1541 1, 5, 9, 17, 21, 29, 45, 177
7.2N - 1 IS PRIME. REF MTAC 22 421 68.**

1542 1, 5, 9, 17, 33, 65, 129, 253, 497, 977, 1921, 3777, 7425, 14597, 28697, 56417, 110913, 218049, 428673, 842749, 1656801, 3257185, 6403457, 12588865, 24749057
PENTANACCI NUMBERS. REF FQ 2 260 64.

1543 1, 5, 9, 21, 37, 69, 69, 89, 137, 177, 421, 481, 657, 749, 885, 1085, 1305, 1353, 1489, 1861, 2617, 2693, 3125, 5249, 5761, 7129, 8109, 9465, 9465, 10717, 12401, 12
LATTICE POINTS IN CIRCLES. REF MTAC 20 306 66.

1544 1, 5, 9, 49, 2209, 4870849, 23725150497409, 562882766124611619513723645 31683700840009422215077673848376823600642097148698060 9
A NONLINEAR RECURRENCE. REF AMM 70 403 63.

1545 1, 5, 9, 251, 475, 19087, 36799, 1070017, 2082753, 134211265
NUMERATORS OF GENERALIZED BERNOULLI NUMBERS. REF MT1 136.

1546 1, 5, 10, 10, 0, 19, 35, 40, 25, 10, 45, 75, 80, 60, 15, 45, 85, 115, 115, 90, 21, 3 95, 130, 135, 135, 70, 35, 65, 105, 146, 120, 150, 90, 65, 25, 90, 115, 150, 125, 130,
COEFFICIENTS OF A MODULAR FORM. REF JLMS 39 435 64.

1547 1, 5, 10, 14, 18, 22, 27, 31, 35, 40, 44, 48, 53
WYTHOFF GAME. REF CMB 2 188 59.

1548 1, 5, 10, 15, 20, 26, 31, 36, 41, 47, 52, 57, 62
A BEATTY SEQUENCE. REF CMB 2 189 59.

1549 1, 5, 10, 17, 16, 32, 22, 41, 37, 50
RELATED TO PLANAR PARTITIONS. REF MES 54 115 24.

1550 1, 5, 10, 21, 21, 38, 29, 53, 46, 65
RELATED TO PLANAR PARTITIONS. REF MES 54 115 24.

1551 1, 5, 10, 21, 26, 50, 50, 85, 91, 130, 122, 210, 170, 250, 260, 341, 290, 455, 362, 546, 500, 610, 530, 850, 651, 850, 820, 1050, 842, 1300, 962, 1365, 1220, 1450, 1300
SUM OF SQUARES OF DIVISORS OF N. REF AS1 827.

1552 1, 5, 10, 21, 26, 53, 50, 85, 91, 130
RELATED TO PLANAR PARTITIONS. REF MES 54 115 24.

1553 1, 5, 10, 30, 74, 199, 515, 1355, 3540, 9276, 24276, 63565, 166405, 435665, 1140574, 2986074, 7817630, 20466835, 53582855, 140281751
FROM A DEFINITE INTEGRAL. REF EMS 10 184 57.

1554 1, 5, 10, 40, 150, 624, 2580, 11160, 48750, 217000
IRREDUCIBLE POLYNOMIALS, OR NECKLACES. REF AMM 77 744 70.

1555 1, 5, 11, 13, 19, 23, 29, 37, 47, 53, 59, 61, 67, 71, 83, 97, 101, 107, 131, 139, 149, 163, 167, 173, 179, 181, 191, 193, 197, 211, 227, 239, 263, 269, 293, 307, 311, 313, 317
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1556 1, 5, 11, 15, 16, 17, 18, 23, 25, 27, 32, 35, 36, 39, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 57, 61, 65, 68, 73, 75, 77, 79, 82, 85, 89, 91, 95, 96, 101, 105, 106, 110, 111
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1557 1, 5, 11, 17, 23, 29, 30, 36, 42, 48, 54, 60, 61, 67, 73, 79, 85, 91, 92, 98, 104, 110, 116, 122, 123, 129, 135, 141, 147, 153, 154, 155
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1558 1, 5, 11, 19, 29, 41, 71, 89, 109, 131, 181, 239, 271, 379, 419, 461, 599, 701, 811, 929, 991, 1259, 1481, 1559, 1721, 1979, 2069, 2161, 2351, 2549, 2861, 2969, 3079
PRIMES OF FORM N(N – 1) – 1. REF PO1 249, LE1 46.

1559 1, 5, 11, 27, 45, 71, 109, 163
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1560 1, 5, 11, 29, 97, 149, 211, 127, 1847, 541, 907, 1151, 1693, 2503, 2999, 4327, 5623, 1361, 9587, 30631, 19373, 16183, 15727, 81509, 28277, 31957, 19661, 35671
INCREASING GAPS BETWEEN PRIMES. REF MTAC 21 485 67.

1561 1, 5, 11, 82, 257, 130638, 130895, 785113, 4056460, 4841573, 8898033, 13739606, 36377245, 50116851, 86494096, 2125975155, 2212469251, 4338444406
CONVERGENTS TO CUBE ROOT OF 6. REF AMP 46 107 1856. LE1 67. HPR.

1562 1, 5, 12, 22, 35, 51, 70, 92, 117, 145, 176, 210, 247, 287, 330, 376, 425, 477, 532, 590, 651, 715, 782, 852, 925, 1001, 1080, 1162, 1247, 1335, 1426, 1520, 1617, 1717
PENTAGONAL NUMBERS N(3N – 1)/2. REF DI2 2 1. BE3 189, FQ 8 84 70.

1563 1, 5, 12, 23, 39, 62, 91, 127
PARTITIONS INTO NON-INTEGRAL POWERS. REF PCPS 47 214 51.

1564 1, 5, 12, 28, 54, 100, 170, 284, 450, 702, 1062, 1583, 2308, 3329, 4720, 6628, 9190, 12634, 17189, 23219, 31092, 41371, 54651, 71782, 93695, 121684, 157169
BIPARTITE PARTITIONS. REF NI1 26.

1565 1, 5, 12, 29, 57, 109, 189, 323, 522, 831, 1279, 1941, 2876, 4215, 6066, 8644, 12151, 16933, 23336, 31921, 43264, 58250, 77825, 103362, 136371, 178975, 233532
BIPARTITE PARTITIONS. REF PCPS 49 72 53. NI1 1.

1566 1, 5, 13, 17, 29, 37, 41, 53, 61, 73, 89, 97, 101, 109, 113, 137, 149, 157, 173, 181, 193, 197, 229, 233, 241, 257, 269, 277, 281, 293, 313, 317, 337, 349, 353, 373, 389, 397
PRIMES OF THE FORM 4N + 1. REF AS1 870.

1567 1, 5, 13, 25, 41, 61, 85, 113, 145, 181, 221, 265, 313, 365, 421, 481, 545, 613, 685, 761, 841, 925, 1013, 1105, 1201, 1301, 1405, 1513, 1625, 1741, 1861, 1985, 2113, 2245
N2 + (N + 1)**2. REF MMAG 35 162 62. SIAMR 12 277 70.**

1568 1, 5, 13, 25, 45, 72, 115, 166, 235, 327, 428, 548, 709, 874, 1095
POSTAGE STAMP PROBLEM. REF CJ1 12 379 69.

1569 1, 5, 13, 27, 48, 78, 118, 170, 235, 315, 411
TRIANGLES CONTAINED IN A CERTAIN FIGURE. REF MAG 46 55 62.

1570 1, 5, 13, 29, 49, 81, 113, 149, 197, 253, 317, 377, 441, 529, 613, 709, 797, 901, 1009, 1129, 1257, 1373, 1517, 1653, 1793, 1961, 2121, 2289, 2453, 2629, 2821, 3001
LATTICE POINTS IN CIRCLES. REF PNISI 13 37 47. MTAC 16 287 62.

1571 1, 5, 13, 30, 59, 109, 187, 312, 497, 775, 1176, 1753, 2561, 3694, 5245, 7366, 10223, 14056, 19137, 25853, 34637, 46092, 60910, 80009, 104462, 135674, 175274
BIPARTITE PARTITIONS. REF NI1 32.

1572 1, 5, 13, 33, 73, 151, 289, 526, 910, 1514
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1573 1, 5, 14, 27, 41, 44, 65, 76, 90
C(2N, N)/(N + 1)2 IS AN INTEGER. REF JIMS 18 97 29.**

1574 1, 5, 14, 30, 55, 91, 140, 204, 285, 385, 506, 650, 819, 1015, 1240, 1496, 1785, 2109, 2470, 2870, 3311, 3795, 4324, 4900, 5525, 6201, 6930, 7714, 8555, 9455, 10416
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1575 1, 5, 14, 1026, 4324, 311387, 6425694, 579783114, 4028104212, 7315072725560
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1576 1, 5, 15, 35, 70, 125, 200, 255, 275
EXPANSION OF BRACKET FUNCTION. REF FQ 2 254 64.

1577 1, 5, 15, 35, 70, 125, 210, 325, 495
COMPOSITIONS INTO RELATIVELY PRIME PARTS. REF FQ 2 250 64.

1578 1, 5, 15, 35, 70, 126, 210, 330, 495, 715, 1001, 1365, 1820, 2380, 3060, 3876, 4845, 5985, 7315, 8855, 10626, 12650, 14950, 17550, 20475, 23751, 27405, 31465
FIGURATE NUMBERS OR BINOMIAL COEFFICIENTS C(N, 4). REF DI2 2 7. RS1. BE3 195. AS1 828.

1579 1, 5, 15, 40, 98, 237, 534, 1185, 2554, 5391
PARTITIONS INTO NON-INTEGRAL POWERS. REF PCPS 47 215 51.

1580 1, 5, 15, 45, 120, 326, 835, 2145, 5345, 13220, 32068, 76965, 181975, 425490, 982615, 2245444, 5077090, 11371250
4-DIMENSIONAL PARTITIONS. REF PCPS 63 1099 67.

1581 1, 5, 15, 45, 120, 331, 855, 2214, 5545, 13741
RELATED TO 4-DIMENSIONAL PARTITIONS. REF PCPS 63 1100 67.

1582 1, 5, 15, 45, 165, 629, 2635, 11165, 48915, 217045, 976887, 4438925, 20346485, 93900245, 435970995, 2034505661, 9536767665, 44878791365, 211927736135
NECKLACES OF 5 COLORS. REF R1 162. IJM 5 658 61.

1583 1, 5, 15, 55, 140, 448, 1022, 2710, 6048, 14114, 28831
RESTRICTED PARTITIONS. REF JCT 9 373 70.

1584 1, 5, 15, 55, 225, 979, 4425, 20515, 96825, 462979, 2235465, 10874275, 53201625, 261453379, 1289414505, 6376750435, 31605701625, 156925970179
1N + 2**N + ... + 5**N. REF AS1 813.**

1585 1, 5, 16, 42, 99, 219, 466, 968, 1981
RADON PARTITIONS. REF MFM 73 18 69.

1586 1, 5, 16, 86, 448, 3580
CUBIC GRAPHS. REF RE4.

1587 1, 5, 17, 49, 129, 321, 769, 1793, 4097, 9217, 20481, 45057, 98305, 212993, 458753, 983041, 2097153, 4456449, 9437185, 19922945, 41943041, 88080385
GENUS OF THE N-CUBE. REF HSG 16.

1588 1, 5, 17, 83, 593, 2893, 36101, 172195
A SIMPLE RECURRENCE. REF DMJ 26 580 59.

1589 1, 5, 18, 42, 75, 117, 168, 228, 297, 375, 462, 558, 663, 777, 900, 1032, 1173, 1323, 1482, 1650, 1827, 2013, 2208, 2412, 2625, 2847, 3078, 3318, 3567
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1590 1, 5, 18, 45, 100, 185, 323, 522, 804
PARTITIONS INTO NON-INTEGRAL POWERS. REF PCPS 47 214 51.

1591 1, 5, 18, 56, 160, 432, 1120, 2816, 6912, 16640, 39424, 92160, 212992, 487424, 1105920, 2490368, 5570560
COEFFICIENTS OF CHEBYSHEV POLYNOMIALS. REF PRSE 62 190 46. AS1 795.

1592 1, 5, 18, 58, 179, 543, 1636, 4916, 14757, 44281, 132854, 398574, 1195735, 3587219
PERMUTATIONS BY LENGTH OF RUNS. REF DKB 260.

1593 1, 5, 18, 82, 643, 15182, 7848984
PRECOMPLETE POST FUNCTIONS. REF SMD 10 619 69. RO3.

1594 1, 5, 19, 61, 180, 498, 1323, 3405, 8557, 21103, 51248, 122898, 291579, 685562, 1599209, 3705122, 8532309, 19543867, 44552066, 101124867, 228640542
TREES OF HEIGHT 5. REF IBMJ 4 475 60. KU1.

1595 1, 5, 19, 65, 210, 654, 1985, 5911, 17345, 50305
FROM CONVOLVED FIBONACCI NUMBERS. REF RI1.

1596 1, 5, 19, 65, 211, 665, 2059, 6305, 19171, 58025, 175099, 527345, 1586131, 4766585, 14316139, 42981185, 129009091, 387158345, 1161737179, 3485735825
3N - 2**N. REF EUR 24 20 61. CR 268 579 69.**

1597 1, 5, 19, 67, 236, 797, 2678, 8833, 28908, 93569, 300748, 959374, 3042808, 9597679, 30134509
CONNECTED GRAPHS BY POINTS AND LINES. REF ST1.

1598 1, 5, 19, 71, 265, 989, 3691, 13775, 51409, 191861, 716035, 2672279, 9973081, 37220045, 138907099, 518408351, 1934726305, 7220496869, 26947261171
A(N) = 4A(N - 1) - A(N - 2). REF EUL (1) 1 375 11. MMAG 40 78 67.

1599 1, 5, 20, 65, 185, 481, 1165, 2665, 5820, 12220, 24802, 48880, 93865, 176125, 323685, 583798, 1035060, 1806600, 3108085
COEFFICIENTS OF AN ELLIPTIC FUNCTION. REF CAY 9 128.

1600 1, 5, 20, 65, 190, 511, 1295, 3130, 7288, 16438, 36128
CONVOLVED FIBONACCI NUMBERS. REF RCI 101.

1601 1, 5, 20, 70, 230, 721, 2200, 6575, 19385, 56575, 163952, 472645, 1357550, 3888820, 11119325, 31753269, 90603650, 258401245, 736796675, 2100818555
POWERS OF ROOTED TREE ENUMERATOR. REF R1 150.

1602 1, 5, 20, 75, 275, 1001, 3640, 13260, 48450, 177650, 653752, 2414425, 8947575 33266625, 124062000, 463991880, 1739969550, 6541168950, 24647883000
LAPLACE TRANSFORM COEFFICIENTS. REF QAM 14 407 56.

1603 1, 5, 20, 84, 354, 1540, 6704, 29610, 131745, 591049, 2669346
RESTRICTED HEXAGONAL POLYOMINOES. REF EMS 17 11 70.

1604 1, 5, 20, 96, 469, 3135, 20684, 173544, 1557105, 16215253
SUMS OF LOGARITHMIC NUMBERS. REF MST 31 78 63.

1605 1, 5, 20, 206, 54155
SWITCHING NETWORKS. REF JFI 276 317 63.

1606 1, 5, 20, 300, 9980, 616260, 65814020, 11878194300
COLORED GRAPHS. REF CJM 22 596 70.

1607 1, 5, 21, 84, 330, 1287, 5005, 19448, 75582, 293930, 1144066, 4457400
PARTITIONS OF A POLYGON BY NUMBER OF PARTS. REF CAY 13 95.

1608 1, 5, 21, 85, 341, 1365, 5461
CENTRAL FACTORIAL NUMBERS. REF TH1 35. FMR 1 112. RCI 217.

1609 1, 5, 21, 119, 735, 4830, 33253
TRIANGULATIONS OF THE DISK. REF PLMS 14 759 64.

1610 1, 5, 22, 71, 186, 427, 888, 1704
PARTITIONS INTO NON-INTEGRAL POWERS. REF PCPS 47 214 51.

1611 1, 5, 22, 93, 386, 1586, 6476, 26333, 106762, 431910
ROOTED PLANAR MAPS. REF BAMS 74 74 68.

1612 1, 5, 22, 1001, 2882, 15251, 720027, 7081807, 7451547, 26811862, 54177145
PENTAGONAL PALINDROMES. REF AMM 48 211 41.

1613 1, 5, 23, 17, 719, 5039, 1753, 2999, 125131, 7853, 479001599, 3593203, 87178291199, 1510259, 6880233439, 256443711677, 108514808571661, 78143369
LARGEST FACTOR OF FACTORIAL (N) - 1. REF SMA 14 25 48.

1614 1, 5, 23, 119, 719, 5039, 40319, 362879, 3628799, 39916799, 479001599, 6227020799, 87178291199, 1307674367999, 20922789887999, 355687428095999
FACTORIAL (N) – 1. REF AS1 833.

1615 1, 5, 23, 1681, 257543, 67637281, 27138236663, 15442193173681
GLAISHERS T NUMBERS. REF FMR 1 76. JCPM.

1616 1, 5, 24, 84, 251, 653, 1543
PARTITIONS INTO NON-INTEGRAL POWERS. REF PCPS 47 214 51.

1617 1, 5, 24, 128, 835, 6423, 56410, 554306, 6016077, 71426225, 920484892, 12793635300, 190730117959, 3035659077083
PERMUTATIONS BY NUMBER OF PAIRS. REF DKB 263.

1618 1, 5, 24, 133, 846, 5661, 39556
TRIANGULATIONS OF THE DISK. REF PLMS 14 759 64.

1619 1, 5, 25, 29, 41, 49, 61, 65, 85, 89, 101, 125, 145, 149, 245, 265, 365, 385, 485, 505, 601, 605, 625, 649, 701, 725, 745, 749, 845, 865, 965, 985, 1105, 1205, 1249, 1345
FIBONACCI COINCIDENCES. REF FQ 4 156 66.

1620 1, 5, 25, 125, 625, 3125, 15625, 78125, 390625, 1953125, 9765625, 48828125, 244140625, 1220703125, 6103515625, 30517578125, 152587890625
POWERS OF FIVE. REF BA1.

1621 1, 5, 25, 129, 681, 3653, 19825, 108545, 598417, 3317445, 18474633, 103274625, 579168825, 3256957317
BINOMIAL COEFFICIENT SUMS. REF AMM 43 29 36.

1622 1, 5, 25, 149, 1081, 9365, 94585
EXPANSION OF AN INTEGRAL. REF SKA 11 95 28.

1623 1, 5, 25, 149, 1081, 9366, 94586, 1091670, 14174522, 204495125
COMBINATION LOCKS. REF MMAG 37 132 64.

1624 1, 5, 26, 97, 265, 362, 1351, 13775, 70226, 262087, 716035, 978122
RELATED TO BERNOULLI NUMBERS. REF ANN 36 645 35.

1625 1, 5, 26, 154, 1044, 8028, 69264, 663696, 6999840, 80627040, 1007441280, 13575738240, 196287356160, 3031488633600, 49811492505600
GENERALIZED STIRLING NUMBERS. REF PEF 77 7 62.

1626 1, 5, 27, 502, 2375, 95435, 1287965, 29960476, 262426878, 28184365650
COEFFICIENTS FOR STEP-BY-STEP INTEGRATION. REF JACM 11 231 64.

1627 1, 5, 27, 1204, 85617952
SWITCHING NETWORKS. REF JFI 276 317 63.

1628 1, 5, 29, 19, 2309, 30029, 8369, 929, 46027, 81894851, 876817, 38669, 304250263527209, 92608862041, 3219318233447599
LARGEST FACTORS OF A SEQUENCE. REF SMA 14 26 48.

1629 1, 5, 29, 118, 418, 1383, 4407, 13736, 42236, 128761, 390385, 1179354, 3554454
PERMUTATIONS BY LENGTH OF RUNS. REF DKB 260.

1630 1, 5, 29, 169, 985, 5741, 33461, 195025, 1136689, 6625109, 38613965, 225058681, 1311738121, 7645370045, 44560482149, 259717522849, 1513744654945
PYTHAGOREAN TRIANGLES. REF AMM 4 25 1897. MLG 2 322 10. FQ 6(3) 104 68.

1631 1, 5, 29, 233, 2329, 27949, 391285, 6260561, 112690097, 2253801941, 49583642701, 1190007424825, 30940193045449, 866325405272573
PERMUTATIONS WITH NO CYCLES OF LENGTH 2. REF LU1 1 223. R1 83.

1632 1, 5, 29, 23669, 1508789, 5025869, 7841261, 9636461, 18127229, 31839341, 37989701, 240511301, 2373944014 1, 44913466781, 60664576541, 123464393861
SEQUENCE OF PRESCRIBED QUADRATIC CHARACTER. REF MTAC 24 446 70.

1633 1, 5, 30, 115, 425, 1396, 4440
ALKYLS. REF ZFK 93 437 36.

1634 1, 5, 30, 210, 1680, 15120, 151200, 1663200, 19958400, 259459200, 363242880(54486432000, 871782912000, 14820309504000, 266765571072000
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1635 1, 5, 31, 197, 1435, 11765, 107755
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1636 1, 5, 31, 211, 1031, 2801, 4651, 5261, 6841, 8431, 14251, 17891, 20101, 21121, 22621, 22861, 26321, 30941, 33751, 36061, 41141, 46021, 48871, 51001, 58411, 61051
QUINTAN PRIMES. REF CU1 2 200.

1637 1, 5, 31, 227, 1909, 18089, 190435, 2203319, 27772873, 378673901, 555139047 87057596075, 1453986832381, 25762467303377, 482626240281739
A(N) = NA(N – 1) + (N – 5)A(N – 2). REF R1 188.

1638 1, 5, 31, 257, 2671, 33305, 484471, 8054177, 150635551, 3130287705
FROM FIBONACCI SUMS. REF FQ 5 48 67.

1639 1, 5, 32, 288, 3413, 50069, 873612, 17650828, 405071317, 10405071317, 295716741928, 9211817190184, 312086923782437, 11424093749340453
SUM OF NN. REF AMM 53 471 46.**

1640 1, 5, 33, 236, 1918, 17440
HIT POLYNOMIALS. REF RI3.

1641 1, 5, 33, 287, 3309, 50975, 1058493
RELATED TO PARTIALLY ORDERED SETS. REF JCT 6 17 69.

1642 1, 5, 34, 258, 2136, 19320, 190800, 2051280
TERMS IN CERTAIN DETERMINANTS. REF PLMS 10 122 1879.

1643 1, 5, 35, 140, 420, 1050, 2310, 4620, 8580
RELATED TO BINOMIAL MOMENTS. REF JO2 449.

1644 1, 5, 35, 189, 924, 4290, 19305
COEFFICIENTS FOR EXTRAPOLATION. REF SE2 93.

1645 1, 5, 35, 225, 67375, 66693, 955040625, 1861234375
FROM A HYPERGEOMETRIC FUNCTION. REF JACM 3 14 56.

1646 1, 5, 35, 285, 2530, 23751, 231880, 2330445, 23950355
DISSECTIONS OF A POLYGON. REF AMP 1 198 1841.

1647 1, 5, 35, 294, 2772, 28314, 306735, 3476330, 40831076, 493684828, 611409671(**HAMILTONIAN ROOTED MAPS. REF CJM 14 416 62.**

1648 1, 5, 35, 315, 3455, 44590, 660665, 11035095, 204904830, 4183174520, 93055783320, 2238954627848, 57903797748386, 1601122732128779
COEFFICIENTS OF ITERATED EXPONENTIALS. REF SMA 11 353 45.

1649 1, 5, 35, 1260, 4620, 30030, 90090, 1021020, 2771340, 14549535, 37182145, 1487285800, 3650610600, 17644617900, 42075627300, 396713057400
COEFFICIENTS OF LEGENDRE POLYNOMIALS. REF PR1 156. AS1 798.

1650 1, 5, 35, 2266, 30564722
SWITCHING NETWORKS. REF JFI 276 317 63.

1651 1, 5, 36, 329, 3655, 47844, 721315, 12310199, 234615096, 4939227215, 113836841041, 2850860253240, 77087063678521, 2238375706930349
A(N) = (2N + 1)A(N - 1) + A(N - 2). REF CJM 8 308 56.

1652 1, 5, 36, 3406, 14694817, 727050997716715
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1653 1, 5, 40, 260, 1820, 12376, 85085, 582505, 3994320, 27372840, 187628376
FROM FIBONACCI IDENTITIES. REF FQ 6 82 68.

1654 1, 5, 40, 440, 6170, 105315, 2120610, 49242470, 1296133195, 38152216495, 1242274374380, 44345089721923, 1722416374173854, 72330102999829054
COEFFICIENTS OF ITERATED EXPONENTIALS. REF SMA 11 353 45.

1655 1, 5, 41, 73, 193, 1181, 6481, 16493, 21523361, 530713, 42521761, 570461, 769, 4795973261, 647753, 47763361, 128653413121, 109688713, 24127552321
LARGEST FACTOR OF 9N + 1. REF KR1 2 89.**

1656 1, 5, 41, 545, 11681, 402305, 22207361
COLORED GRAPHS. REF CJM 12 413 60 (DIVIDED BY 3).

1657 1, 5, 45, 385, 3710, 38934, 444990, 5506710, 73422855, 1049946755, 16035550531, 260577696015
PERMUTATIONS BY NUMBER OF PAIRS. REF DKB 263.

1658 1, 5, 46, 19930, 69945183326
SWITCHING NETWORKS. REF JFI 276 317 63.

1659 1, 5, 49, 485, 4801, 47525, 470449, 4656965, 46099201, 456335045, 4517251249, 44716177445, 442644523201, 4381729054565, 43374646022449
A(N) = 10A(N - 1) - A(N - 2). REF EUL (1) 1 374 11. TH2 281.

1660 1, 5, 49, 809, 20317, 722813, 34607305, 2145998417, 167317266613, 16020403322021, 1848020950359841, 252778977216700025, 40453941942593304589
MULTIPLES OF GLAISHERS I NUMBERS. REF PLMS 31 224 1899. FMR 1 76.

1661 1, 5, 49, 820, 21076, 773136, 38402064, 2483133696, 202759531776, 20407635072000, 2482492033152000, 359072203696128000, 60912644957448192000
CENTRAL FACTORIAL NUMBERS. REF RCI 217.

1662 1, 5, 52, 1522, 145984, 48464496, 56141454464, 229148550030864, 3333310786076963968, 17469527274674991958092 8
UNRESTRICTED RELATIONS. REF PAMS 4 494 53. MI1 17 19 55. MAN 174 66 67. (DIVIDED BY 2.)

1663 1, 5, 53, 173, 293, 437, 9173, 24653, 74093, 170957, 214037, 2004917, 4440101: 94948157, 154554077, 163520117, 261153653, 1728061733, 9447241877
SEQUENCE OF PRESCRIBED QUADRATIC CHARACTER. REF MTAC 24 449 70.

1664 1, 5, 57, 352, 1280, 3522, 7970, 15872, 29184, 49410, 79042
GENERALIZED CLASS NUMBERS. REF MTAC 21 689 67.

1665 1, 5, 58, 1274, 41728, 1912112, 116346400, 9059742176, 877746364288
RELATED TO LATIN RECTANGLES. REF BU2 33 125 41.

1666 1, 5, 61, 479, 3111, 18270, 101166, 540242, 2819266, 14494859, 73802835, 373398489, 1881341265
PERMUTATIONS BY LENGTH OF RUNS. REF DKB 260.

1667 1, 5, 61, 1385, 50521, 2702765, 199360981, 19391512145, 2404879675441, 370371188237525, 69348874393137901, 15514534163557086905
EULER NUMBERS. REF AS1 810. MTAC 21 675 67.

1668 1, 5, 70, 560, 3360, 16800, 73920, 295680, 1098240, 3843840, 12812800, 41000960, 126730240, 380190720, 1111326720, 3175219200, 8890613760
PRODUCT OF BINOMIAL COEFFICIENTS. REF MFM 74 62 70.

1669 1, 5, 93, 1030, 8885, 65954, 442610, 2762412, 16322085
ROOTED PLANAR MAPS. REF BAMS 74 74 68.

1670 1, 5, 111, 5232, 49910, 3527745, 76435695, 2673350008, 33507517680, 4954123399050
COEFFICIENTS FOR STEP-BY-STEP INTEGRATION. REF JACM 11 231 64.

1671 1, 5, 120, 1840, 27552, 421248, 6613504, 106441472, 1750927872
ALMOST CUBIC MAPS. REF PL2 1 292 70.

1672 1, 5, 205, 22265, 4544185, 1491632525, 718181418565, 476768795646785, 417370516232719345, 465849831125196593045, 645702241048404020542525
MULTIPLES OF EULER NUMBERS. REF MES 28 51 1898. FMR 1 75. HPR.

1673 1, 5, 229, 401, 577, 1129, 1297, 7057, 8761, 14401, 32401, 41617, 57601, 90001
INCREASING CLASS NUMBERS. REF MTAC 23 214 69.

1674 1, 5, 251, 19087, 1070017, 134211265, 703604254357
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1675 1, 5, 253, 39299, 13265939
COEFFICIENTS OF LEMNISCATE FUNCTION. REF HUR 2 372.

1676 1, 5, 259, 3229, 117469, 7156487, 2430898831, 60967921, 141433003757, 25587296781661
COEFFICIENTS FOR NUMERICAL DIFFERENTIATION. REF OP1 23. PHM 33 14 42.

1677 1, 5, 691, 7, 3617, 43867, 174611, 854513, 236364091, 8553103, 23749461029, 8615841276005, 7709321041217, 2577687858367, 2631527155305347737 3
NUMERATORS OF BERNOULLI NUMBERS. REF DA2 2 230. AS1 810.

SEQUENCES BEGINNING 1, 6

1678 1, 6, 1, 2, 6, 16, 18, 6, 22, 3, 28, 15, 2, 3, 6, 5, 21, 46, 42, 16, 13, 18, 58, 60, 6, 33, 22, 35, 8, 6, 13, 9, 41, 28, 44, 6, 15, 96, 2, 4, 34, 53, 108, 3, 112, 6, 48, 22, 5, 42, 21, 130
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1679 1, 6, 1, 8, 0, 3, 3, 9, 8, 8, 7, 4, 9, 8, 9, 4, 8, 4, 8, 2, 0, 4, 5, 8, 6, 8, 3, 4, 3, 6, 5, 6, 3, 8, 1, 1, 7, 7, 2, 0, 3, 0, 9, 1, 7, 9, 8, 0, 5, 7, 6, 2, 8, 6, 2, 1, 3, 5, 4, 4, 8, 6, 2, 2, 7, 0, 5, 2, 6
PHI, THE GOLDEN RATIO. REF FQ 4 161 66.

1680 1, 6, 2, 6, 16, 18, 22, 28, 15, 3, 5, 21, 46, 13, 58, 60, 33, 35, 8, 13, 41, 44, 96, 4, 34, 53, 108, 112, 42, 130, 8, 46, 148, 75, 78, 81, 166, 43, 178, 180, 95, 192, 98, 99, 30, 222
PERIODS OF RECIPROCALS OF PRIMES. REF RS6 22 203 1874. LE1 15.

1681 1, 6, 3, 82, 84, 444, 769, 1110, 2643, 860, 2901, 1176, 6277, 1170, 21315, 2308, 14244, 29442, 15540, 58194, 13338, 31886, 4080, 176682, 70715, 51240
RELATED TO REPRESENTATION AS SUMS OF SQUARES. REF QJM 38 312 07.

1682 1, 6, 6, 0, 0, 8, 42, 114, 66, 24, 123, 134
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1683 1, 6, 6, 4, 6, 12, 28, 72, 198, 572, 1716, 5304, 16796, 54264, 178296, 594320, 2005830, 6843420
BINOMIAL COEFFICIENTS. REF TH1 164. FMR 1 55.

1684 1, 6, 7, 20, 27, 47, 74, 269, 6799, 7068, 35071, 112281, 371914, 2715679, 141587222, 144302901, 430193024, 1434881973, 3299956970, 50934236523
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1685 1, 6, 8, 10, 12, 14, 15, 18, 20, 21, 22, 26, 27, 28
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1686 1, 6, 8, 40, 176, 1421, 10352, 93114, 912920, 9929997, 117970704, 1521176826, 21150414880, 315400444070, 5020920314016, 84979755347122
DISCORDANT PERMUTATIONS. REF SMA 20 23 54.

1687 1, 6, 8, 180, 32, 10080, 3456, 453600, 115200, 47900160, 71680, 217945728000, 36578304000, 2241727488000, 45984153600, 2000741783040000
COEFFICIENTS FOR REPEATED INTEGRATION. REF PHM 38 336 47.

1688 1, 6, 8, 262, 2448, 17997702, 44082372248, 5829766629386380698502, 256989942683351711945337288361248
A SIMPLE RECURRENCE. REF MMAG 37 167 64.

1689 1, 6, 9, 3, 1, 4, 7, 1, 8, 0, 5, 5, 9, 9, 4, 5, 3, 0, 9, 4, 1, 7, 2, 3, 2, 1, 2, 1, 4, 5, 8, 1, 7, 6, 5, 6, 8, 0, 7, 5, 5, 0, 0, 1, 3, 4, 3, 6, 0, 2, 5, 5, 2, 5, 4, 1, 2, 0, 6, 8, 0, 0, 0, 9, 4, 9, 3, 3, 9
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1690 1, 6, 9, 10, 12, 15, 18, 20, 21, 24, 27, 28, 30, 33, 35, 36, 39, 40, 42, 44, 45, 48, 50, 51, 52, 54, 56, 57, 60, 63, 66, 69, 70, 72, 75, 78, 80, 81, 84, 87, 88, 90, 93, 96, 98, 99, 100
EVEN ABUNDANT NUMBERS. REF QJM 44 274 13 (DIVIDED BY 2).

1691 1, 6, 9, 10, 30, 0, 11, 42, 0, 70, 18, 54, 49, 90, 0, 22, 60, 0, 110, 0, 81, 180, 78, 0, 130, 198, 0, 182, 30, 90, 121, 84, 0, 0, 210, 0, 252, 102, 270, 170, 0, 0, 69, 330, 0, 38
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1692 1, 6, 9, 12, 18, 27, 42, 66, 105, 168, 270, 435, 702, 1134, 1833, 2964, 4794, 7755, 12546, 20298, 32841, 53136, 85974, 139107, 225078, 364182, 589257, 953436, 154269
RESTRICTED PERMUTATIONS. REF CMB 4 32 61.

1693 1, 6, 9, 13, 19, 37, 58, 97, 143, 227, 328, 492, 688, 992, 1364, 1903, 2551, 3473, 4586, 6097, 7911, 10333, 13226, 16988, 21454, 27172, 33938, 42437, 52423, 64833
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1694 1, 6, 10, 22, 34, 48, 60, 78, 84, 90, 114, 144, 120, 168, 180, 234, 246, 288, 240, 210, 324, 300, 360, 474, 330, 528, 576, 390, 462, 480, 420, 570, 510, 672, 792, 756, 876
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1695 1, 6, 11, 17, 22, 27, 32, 37, 43, 48, 53, 58, 64
WYTHOFF GAME. REF CMB 2 189 59.

1696 1, 6, 11, 20, 36, 65, 119, 218, 400, 735, 1351, 2484, 4568, 8401, 15451, 28418, 52268, 96135, 176819, 325220, 598172, 1100209, 2023599, 3721978, 6845784
RESTRICTED PERMUTATIONS. REF CMB 4 32 61 (DIVIDED BY 4).

1697 1, 6, 11, 21, 41, 81, 161, 321, 636, 1261, 2501, 4961, 9841, 19521, 38721, 76806, 152351, 302201, 599441, 1189041, 2358561, 4678401, 9279996, 18407641
HEXANACCI NUMBERS. REF FQ 2 302 64.

1698 1, 6, 11, 36, 85, 235, 600, 1590, 4140, 10866, 28416, 74431, 194821, 510096, 1335395, 3496170, 9153025, 23963005, 62735880
FROM A DEFINITE INTEGRAL. REF EMS 10 184 57.

1699 1, 6, 11, 71, 4691, 21982031, 483209576974811, 233491495280173380882643611671
A NONLINEAR RECURRENCE. REF AMM 70 403 63.

1700 1, 6, 12, 24, 60, 72, 168, 192, 324, 360, 660, 576, 1092, 1008, 1440, 1536, 2448, 1944, 3420, 2880, 4032, 3960, 6072, 4608, 7500, 6552, 8748, 8064, 12180, 8640, 14880
INDICES OF MODULAR GROUPS. REF GU6 15.

1701 1, 6, 12, 90, 360, 2040, 10080, 54810, 290640
WALKS ON A TRIANGULAR LATTICE. REF AIP 9 345 60.

1702 1, 6, 12, 156, 1680, 21264, 592032, 5712096, 390388992
PARTITION FUNCTION FOR DIAMOND LATTICE. REF PPS 86 10 65.

1703 1, 6, 15, 19, 24, 42, 73, 127, 208, 337, 528, 827, 1263, 1902, 2819, 4133, 5986, 8578, 12146, 17057, 23711, 32708, 44726, 60713, 81800, 109468, 145526, 192288
A GENERALIZED PARTITION FUNCTION. REF PNISI 17 236 51.

1704 1, 6, 15, 20, 9, 24, 65, 90, 75, 6, 90, 180, 220, 180, 66, 110, 264, 360, 365, 264, 66, 178, 375, 510, 496, 414, 180, 60, 330, 570, 622, 582, 390, 220, 96, 300, 621, 630, 705
COEFFICIENTS OF A MODULAR FORM. REF JLMS 39 435 64.

1705 1, 6, 15, 28, 45, 66, 91, 120, 153, 190, 231, 276, 325, 378, 435, 496, 561, 630, 703, 780, 861, 946, 1035, 1128, 1225, 1326, 1431, 1540, 1653, 1770, 1891, 2016, 2145, 2278
HEXAGONAL NUMBERS N(2N – 1). REF DI2 2 2. BE3 189.

1706 1, 6, 15, 36, 72, 127, 212
POSTAGE STAMP PROBLEM. REF CJ1 12 379 69.

1707 1, 6, 17, 37, 71, 127, 217, 346, 513, 798
POSTAGE STAMP PROBLEM. REF CJ1 12 379 69.

1708 1, 6, 17, 38, 70, 116, 185, 258, 384, 490, 686, 826, 1124, 1292, 1705, 1896, 2491, 2670, 3416, 3680, 4602, 4796, 6110, 6178, 7700, 7980, 9684, 9730, 12156, 11920, 14601
RELATED TO THE DIVISOR FUNCTION. REF SMA 19 39 53.

1709 1, 6, 18, 40, 75, 126, 196, 288, 405, 550, 726, 936, 1183, 1470, 1800, 2176, 2601, 3078, 3610, 4200, 4851, 5566, 6348, 7200, 8125, 9126, 10206, 11368, 12615, 13950
PENTAGONAL PYRAMIDAL NUMBERS. REF DI2 2 2. BE3 194.

1710 1, 6, 18, 40, 81, 201, 414, 916, 1899, 3973, 8059, 16402, 32561, 64520, 125986, 244448, 469195, 895077, 1692143, 3179406, 5929721, 10993373, 20250589, 37096872
SOLID PARTITIONS. REF PNISI 26 135 60.

1711 1, 6, 18, 54, 162, 474, 1398, 4074, 11898, 34554, 100302, 290334, 839466
WALKS ON A TRIANGULAR LATTICE. REF JCP 34 1261 61.

1712 1, 6, 18, 66, 208, 646, 1962, 5962, 18014, 54578, 165650, 504220, 1539330, 4712742, 14475936
PARAFFINS. REF JACS 54 1105 32.

1713 1, 6, 20, 42, 70, 900, 22, 352
QUEENS PROBLEM. REF SL1 49.

1714 1, 6, 20, 50, 105, 196, 336, 540, 825, 1210, 1716, 2366, 3185, 4200, 5440, 6936, 8721, 10830, 13300, 16170, 19481, 23276, 27600, 32500, 38025, 44226, 51156, 58870
4-DIMENSIONAL FIGURATE NUMBERS. REF BE3 195.

1715 1, 6, 20, 134, 915, 7324, 65784, 657180
FROM MENAGE POLYNOMIALS. REF R1 198.

1716 1, 6, 20, 135, 924, 7420, 66744, 667485, 7342280, 88107426, 1145396460, 16035550531, 240533257860, 3848532125880, 65425046139824
RENCONTRES NUMBERS. REF R1 65.

1717 1, 6, 20, 180, 1106, 9292, 82980, 831545, 9139482, 109595496, 1423490744, 19911182207, 298408841160, 4770598226296, 81037124739588
DISCORDANT PERMUTATIONS. REF SMA 20 23 54.

1718 1, 6, 21, 55, 120, 231, 406, 666, 1035, 1540, 2211, 3081, 4186, 5565, 7260, 9316, 11781, 14706, 18145, 22155, 26796, 32131, 38226, 45150, 52975, 61776, 71631, 82621
DOUBLY TRIANGULAR NUMBERS. REF TCPS 9 477 1856.

1719 1, 6, 21, 56, 126, 252, 462, 792, 1287, 2002, 3003, 4368, 6188, 8568, 11628, 15504, 20349, 26334, 33649, 42504, 53130, 65780, 80730, 98280, 118755, 142506
FIGURATE NUMBERS OR BINOMIAL COEFFICIENTS C(N, 5). REF DI2 2 7. RS1. BE3 196. AS1 828.

1720 1, 6, 21, 71, 216, 657, 1907, 5507, 15522, 43352, 119140, 323946, 869476, 2308071, 6056581
5-DIMENSIONAL PARTITIONS. REF PCPS 63 1099 67.

1721 1, 6, 21, 71, 216, 672, 1982, 5817, 16582, 46633
RELATED TO 5-DIMENSIONAL PARTITIONS. REF PCPS 63 1100 67.

1722 1, 6, 21, 91, 266, 994, 2562, 7764, 19482, 51212, 116028
RESTRICTED PARTITIONS. REF JCT 9 373 70.

1723 1, 6, 21, 91, 441, 2275, 12201, 67171, 376761, 2142595, 12313161, 71340451, 415998681, 2438235715, 14350108521, 84740914531, 501790686201
1N + 2**N + ··· + 6**N. REF AS1 813.**

1724 1, 6, 22, 64, 162, 374, 809, 1668, 3316, 6408, 12108, 22468, 41081, 74202, 132666, 235160, 413790, 723530, 1258225, 2177640, 3753096, 6444336, 11028792
FROM ROOK POLYNOMIALS. REF SMA 20 18 54.

1725 1, 6, 22, 64, 163, 382, 848, 1816
RADON PARTITIONS. REF MFM 73 18 69.

1726 1, 6, 22, 130, 822, 6202, 52552, 499194, 5238370, 60222844, 752587764, 10157945044, 147267180508, 2282355168060, 37655004171808, 658906772228668
MATRICES WITH 2 ROWS. REF PLMS 17 29 17. EMN 34 3 44.

1727 1, 6, 22, 159, 1044, 9121, 78132, 748719, 7161484, 70800861, 699869892
FINAL DIGITS OF SQUARES. REF AMM 67 1002 60.

1728 1, 6, 24, 45, 480, 10080, 24192, 907200, 1036800, 239500800, 106444800, 9906624000, 475517952000, 15692092416000, 4828336128000, 8002967132160000
COEFFICIENTS FOR REPEATED INTEGRATION. REF PHM 38 336 47.

1729 1, 6, 24, 80, 240, 672, 1792, 4608, 11520, 28160, 67584, 159744, 372736, 860160, 1966080, 4456448, 10027008, 22413312, 49807360, 110100480, 242221056
COEFFICIENTS OF CHEBYSHEV POLYNOMIALS. REF PRSE 62 190 46. AS1 796. MFM 74 62 70.

1730 1, 6, 24, 90, 318, 1098, 3696, 12270, 40224, 130650, 421176, 1348998, 4299018
SUSCEPTIBILITY FOR TRIANGULAR LATTICE. REF PRV 124 411 61.

1731 1, 6, 24, 90, 336, 1254, 4680, 17466, 65184, 243270, 907896, 3388314, 12645360, 47193126, 176127144, 657315450, 2453134656, 9155223174, 34167758040
A(N) = 4A(N – 1) – A(N – 2). REF MTAC 24 180 70.

1732 1, 6, 25, 60, 203, 3710, 21347
RELATED TO WEBER FUNCTIONS. REF KNAW 66 751 63.

1733 1, 6, 25, 90, 300, 954, 2929, 8840, 26185, 76490
FROM CONVOLVED FIBONACCI NUMBERS. REF RI1.

1734 1, 6, 25, 90, 301, 966, 3025, 9330, 28501, 86526, 261625, 788970, 2375101, 7141686, 21457825, 64439010, 193448101, 580606446, 1742343625, 5228079450
STIRLING NUMBERS OF SECOND KIND. REF AS1 835. DKB 223.

1735 1, 6, 26, 71, 155, 295, 511, 826, 1266, 1860, 2640, 3641, 4901, 6461, 8365, 10660, 13396, 16626, 20406, 24795, 29855, 35651, 42251, 49726, 58150, 67600, 78156
GENERALIZED STIRLING NUMBERS. REF PEF 77 7 62.

1736 1, 6, 26, 94, 308, 941, 2744, 7722, 21166, 56809, 149971, 390517, 1005491, 2564164, 6485901, 16289602, 40659669, 100934017, 249343899, 613286048
TREES OF HEIGHT 6. REF IBMJ 4 475 60. KU1.

1737 1, 6, 27, 98, 309, 882, 2330, 5784, 13644, 30826, 67107, 141444, 289746, 578646, 1129527, 2159774, 4052721, 7474806, 15063859
COEFFICIENTS OF AN ELLIPTIC FUNCTION. REF CAY 9 128.

1738 1, 6, 27, 98, 315, 924, 2534, 6588, 16410, 39436, 91974
CONVOLVED FIBONACCI NUMBERS. REF RCI 101.

1739 1, 6, 27, 104, 369, 1236, 3989, 12522, 38535, 116808, 350064, 1039896, 3068145, 9004182, 26314773, 76652582, 222705603, 645731148, 1869303857, 5404655358
POWERS OF ROOTED TREE ENUMERATOR. REF R1 150.

1740 1, 6, 27, 122, 516, 2148, 8792, 35622, 143079, 570830, 2264649
SUSCEPTIBILITY FOR HONEYCOMB. REF PHA 28 934 62.

1741 1, 6, 28, 120, 495, 2002, 8008, 31824, 125970, 497420, 1961256
COEFFICIENTS OF CHEBYSHEV POLYNOMIALS. REF LA4 517.

1742 1, 6, 28, 125, 527, 2168, 8781, 35155, 139531, 550068
SPHEROIDAL HARMONICS. REF MES 54 75 24.

1743 1, 6, 28, 140, 270, 496, 672, 1638, 2970, 6200, 8128, 8190, 18600, 18620, 27846, 30240, 32760, 55860, 105664, 117800, 167400, 173600, 237510, 242060, 332640
NUMBERS WITH INTEGRAL HARMONIC MEAN. REF AMM 61 95 54.

1744 1, 6, 28, 496, 8128, 33550336, 8589869056, 137438691328, 2305843008139952128, 2658455991569831744654692615953842176
EVEN PERFECT NUMBERS. REF SMA 19 128 53. REC 4 56 61. BE3 19. NAMS 18 608 71.

1745 1, 6, 29, 150, 841, 5166, 34649, 252750, 1995181, 16962726, 154624469
QUASI-ALTERNATING PERMUTATIONS. REF NET 113.

1746 1, 6, 30, 42, 30, 66, 2730, 6, 510, 798, 330, 138, 2730, 6, 870, 14322, 510, 6, 1919190, 6, 13530, 1806, 690, 282, 46410, 66, 1590, 798, 870, 354, 56786730, 6, 510
DENOMINATORS OF BERNOULLI NUMBERS. REF DA2 2 230. AS1 810.

1747 1, 6, 30, 84, 90, 132, 5460, 360, 1530, 7980, 13860, 8280, 81900, 1512, 3480, 114576
DENOMINATORS OF BERNOULLI NUMBERS. REF DA2 2 208.

1748 1, 6, 30, 126, 510, 2046, 8190, 32766, 131070, 524286, 2097150, 8388606, 33554430, 134217726, 536870910, 2147483646, 8589934590, 34359738366
RELATED TO EULER NUMBERS. REF QJM 47 110 16. FMR 1 112. DA2 2 283.

1749 1, 6, 30, 126, 534, 2214, 9246, 38142, 157974, 649086, 2674926
WALKS ON A CUBIC LATTICE. REF JCP 34 1261 61.

1750 1, 6, 30, 138, 606, 2586, 10818, 44574, 181542, 732678, 2935218, 11687202, 46296210
SUSCEPTIBILITY FOR TRIANGULAR LATTICE. REF SSP 3 268 70.

1751 1, 6, 30, 138, 618, 2730, 11946, 51882, 224130, 964134, 4133166, 17668938, 75355206, 320734686, 1362791250, 5781765582, 24497321682, 103673881482
WALKS ON A TRIANGULAR LATTICE. REF JCP 46 3481 67.

1752 1, 6, 30, 140, 630, 2772, 12012, 51480, 218790, 923780, 3879876, 16224936, 67603900, 280816200, 1163381400
PRODUCT OF BINOMIAL COEFFICIENTS. REF OP1 21. SE2 92. JO2 449. JM2 22 120 43. LA4 514.

1753 1, 6, 30, 150, 726, 3510, 16710, 79494, 375174, 1769686, 8306862, 38975286
SUSCEPTIBILITY FOR CUBIC LATTICE. REF PHA 28 942 62.

1754 1, 6, 30, 150, 726, 3534, 16926, 81390, 387966, 1853886, 8809878, 41934150, 198842742, 943974510, 4468911678, 21175146054, 100121875974
WALKS ON A CUBIC LATTICE. REF JCP 39 411 63. MFS.

1755 1, 6, 30, 174, 1158, 8742, 74046, 696750, 7219974
BINOMIAL COEFFICIENT SUMS. REF CJM 22 26 70.

1756 1, 6, 30, 180, 840, 5460, 30996, 209160, 1290960, 9753480, 69618120, 571627056, 4443697440, 40027718640, 346953934320, 3369416698080
PERMUTATIONS OF ORDER EXACTLY 4. REF CJM 7 159 55.

1757 1, 6, 32, 109, 288, 654, 1337
PARTITIONS INTO NON-INTEGRAL POWERS. REF PCPS 47 215 51.

1758 1, 6, 32, 175, 1012, 6230, 40819
GENERALIZED STIRLING NUMBERS OF SECOND KIND. REF FQ 5 366 67.

1759 1, 6, 35, 180, 921, 4626, 23215, 116160
AN INHOMOGENEOUS RECURRENCE. REF AMM 3 244 1896.

1760 1, 6, 35, 204, 1189, 6930, 40391, 235416, 1372105, 7997214, 46611179, 271669860, 1583407981, 9228778026, 53789260175, 313506783024, 1827251437969
A(N) = 6A(N – 1) – A(N – 2). REF DI2 2 10. MAG 47 237 63. BE3 193. FQ 9 95 71.

1761 1, 6, 35, 221, 1554, 12108, 104293, 986452, 10186669, 114173261, 1381629682, 17963567972
PERMUTATIONS BY LENGTH OF RUNS. REF DKB 262 (DIVIDED BY 2).

1762 1, 6, 35, 225, 1624, 13132, 118124, 1172700, 12753576, 150917976, 1931559552, 26596717056, 392156797824, 6165817614720, 102992244837120
STIRLING NUMBERS OF FIRST KIND. REF AS1 833. DKB 226.

1763 1, 6, 36, 150, 540, 1806, 5796, 18150, 55980, 171006, 519156, 1569750, 4733820, 14250606, 42850116, 128746950, 386634060, 1160688606, 3483638676
DIFFERENCES OF ZERO. REF VO1 31. DA2 2 212. R1 33.

1764 1, 6, 36, 200, 1170, 7392, 50568, 372528, 2936070
LABELED TREES OF HEIGHT 2. REF IBMJ 4 478 60.

1765 1, 6, 36, 216, 1296, 7776, 46656, 279936, 1679616, 10077696, 60466176, 362797056, 2176782336, 13060694016, 78364164096, 470184984576, 2821109907456
POWERS OF SIX. REF BA1.

1766 1, 6, 36, 240, 1800, 15120, 141120, 1451520, 16329600, 199584000, 2634508800, 37362124800, 566658892800, 9153720576000, 156920924160000
LAH NUMBERS. REF R1 44. CO1 1 166.

1767 1, 6, 37, 195, 979, 4663, 21474, 96496, 425365
POLYOMINOES WITH HOLES. REF PA1. JRM 2 182 69.

1768 1, 6, 40, 112, 1152, 2816, 13312, 30270, 557056, 1245184, 5505024, 12058624, 104857600, 226492416, 973078528, 2080374784
FROM DOUBLE FACTORIALS. REF RG1 414.

1769 1, 6, 40, 155, 456, 1128
SEQUENCES BY NUMBER OF INCREASES. REF JCT 1 372 66.

1770 1, 6, 40, 360, 4576, 82656
COLORED GRAPHS. REF CJM 12 412 60 (DIVIDED BY 4).

1771 1, 6, 41, 293, 2309, 19975, 189524, 1960041, 21993884, 266361634, 3465832370, 48245601976, 715756932697, 11277786883706, 188135296650845
PERMUTATIONS BY LENGTH OF RUNS. REF DKB 261.

1772 1, 6, 42, 336, 3024, 30240, 332640, 3991680, 51891840, 726485760, 10897286400, 174356582400, 2964061900800, 53353114214400, 1013709170073600
GENERALIZED STIRLING NUMBERS. REF PEF 107 5 63.

1773 1, 6, 44, 145, 336, 644, 1096, 1719, 2540, 3586, 4884, 6461, 8344, 10560, 13136, 16099, 19476, 23294, 27580, 32361, 37664, 43516, 49944, 56975, 64636, 72954, 81956
DISCORDANT PERMUTATIONS. REF SMA 20 23 54.

1774 1, 6, 44, 430, 5322, 79184, 1381144
TOTAL DIAMETER OF LABELED TREES. REF IBMJ 4 478 60.

1775 1, 6, 45, 420, 4725, 62370, 945945, 16216200, 310134825
VALUES OF BESSEL POLYNOMIALS. REF RCI 77. RI1.

1776 1, 6, 46, 450, 5650, 91866, 1957066
RELATED TO PARTIALLY ORDERED SETS. REF JCT 6 17 69.

1777 1, 6, 48, 390, 3216, 26844, 229584, 2006736, 17809008
SPECIFIC HEAT FOR CUBIC LATTICE. REF PRV 129 102 63.

1778 1, 6, 48, 528, 7920, 149856, 3169248, 77046528, 2231209728, 71938507776, 2446325534208
SUSCEPTIBILITY FOR CUBIC LATTICE. REF PRV 164 801 67.

1779 1, 6, 50, 225, 735, 1960, 4536, 9450, 18150, 32670, 55770, 91091, 143325, 218400, 323680, 468180, 662796, 920550, 1256850, 1689765, 2240315, 2932776
STIRLING NUMBERS OF FIRST KIND. REF AS1 833. DKB 226.

1780 1, 6, 51, 506, 5481, 62832, 749398, 9203634, 115607310
DISSECTIONS OF A POLYGON. REF AMP 1 198 1841.

1781 1, 6, 51, 561, 7556, 120196, 2201856, 45592666, 1051951026, 26740775306, 742069051906, 22310563733864, 722108667742546, 25024187820786357
COEFFICIENTS OF ITERATED EXPONENTIALS. REF SMA 11 353 45.

1782 1, 6, 57, 741, 12244, 245755, 5809875, 158198200, 4877852505, 168055077875, 6400217406500, 267058149580823, 12118701719205803, 594291742526530761
COEFFICIENTS OF ITERATED EXPONENTIALS. REF SMA 11 353 45.

1783 1, 6, 60, 90, 87360, 146361946186458562560000
UNITARY PERFECT NUMBERS. REF NAMS 18 630 71.

1784 1, 6, 60, 840, 15120, 332640, 8648640, 259459200, 8821612800, 335221286400, 14079294028800, 647647525324800, 32382376266240000
DISSECTIONS OF A BALL. REF MTAC 3 168 48, 9 174 55. CMA 2 25 70.

1785 1, 6, 60, 1368, 15552, 201240, 2016432, 21582624
FOLDING A MAP. REF CJ1 14 77 71.

1786 1, 6, 63, 616, 6678, 77868, 978978, 13216104, 190899423, 2939850914, 48106651593
PERMUTATIONS BY NUMBER OF PAIRS. REF DKB 263.

1787 1, 6, 66, 702, 7350, 76266, 786858, 8086074, 82848522, 846886962, 8640964782
WALKS ON A CUBIC LATTICE. REF PPS 92 649 67.

1788 1, 6, 72, 1320, 32760, 1028160, 39070080
DISSECTIONS OF A BALL. REF CMA 2 25 70.

1789 1, 6, 80, 30240, 1814400, 2661120, 871782912000, 3138418483200, 84687482880000, 170303140572364800, 1124000727777607680000
COEFFICIENTS FOR CENTRAL DIFFERENCES. REF JM2 42 162 63.

1790 1, 6, 90, 945, 9450, 93555, 638512875, 18243225, 325641566250, 38979295480125, 1531329465290625, 13447856940643125, 201919571963756521875
DENOMINATORS OF SUMS OF INVERSE POWERS S(2N). REF FMR 1 84.

1791 1, 6, 90, 1860, 44730, 1172556, 32496156
WALKS ON A CUBIC LATTICE. REF AIP 9 345 60.

1792 1, 6, 90, 2040, 67950, 3110940, 187530840, 14398171200, 1371785398200, 158815387962000, 21959547410077200, 3574340599104475200
STOCHASTIC MATRICES OF INTEGERS. REF ST2. DMJ 33 763 66.

1793 1, 6, 90, 2520, 113400, 7484400, 681080400, 81729648000, 12504636144000, 2375880867360000, 548828480360160000, 151476660579404160000
RELATED TO EULER NUMBERS. REF QJM 47 110 16. FMR 1 112. DA2 2 283. PSAM 15 101 63.

1794 1, 6, 96, 1200, 14400, 176400, 2257920, 30481920, 435456000, 6586272000, 105380352000
COEFFICIENTS OF LAGUERRE POLYNOMIALS. REF AS1 799.

1795 1, 6, 120, 1980, 32970, 584430, 11204676, 233098740, 5254404210, 127921380840, 3350718545460, 94062457204716, 2819367702529560
FROM BESSEL POLYNOMIALS. REF RCI 77. RI1.

1796 1, 6, 120, 5250, 395010, 45197460, 7299452160, 1580682203100, 441926274289500, 154940341854097800, 66565404923242024800
EXPANSION OF A SKEW DETERMINANT. REF EMN 34 4 44.

1797 1, 6, 130, 2380, 44100, 866250, 18288270, 416215800, 10199989800, 268438920750, 7562120816250, 227266937597700, 7262844156067500
ASSOCIATED STIRLING NUMBERS. REF TOH 37 259 33. JO2 152. CO1 2 98.

1798 1, 6, 168, 20160, 9999360, 20158709760
NONSINGULAR BINARY MATRICES. REF JSIAM 20 377 71.

1799 1, 6, 210, 223092870, 321764476734067290789908455413O
A HIGHLY COMPOSITE SEQUENCE. REF AMM 74 874 67.