

Ряды для OEIS

A_2(n), n = 1..60:

1,3,5,8,9,14,13,20,21,26,21,35,25,38,41,48,33,57,37,64,61,62,45,84,65,74,81,96,57,109,61,112,101,98,101,138,73,110,121,151,81,160,85,160,161,134,93,196,133,185,161,192,105,216,173,223,181,170,117,258

A_3(n), n = 1..60:

1,4,7,13,13,25,19,38,37,49,31,74,37,73,79,104,49,125,55,143,121,121,67,203,121,145,171,221,85,263,91,272,205,193,199,354,109,217,247,383,121,398,127,377,381,265,139,531,253,443,331,455,157,558,355,587,373,337,175,720

A_4(n), n = 1..60:

1,5,9,19,17,39,25,63,57,79,41,133,49,119,129,192,65,229,73,267,201,199,89,408,193,239,305,419,113,517,121,552,345,319,329,742,145,359,417,798,161,799,169,723,737,439,185,1174,409,861,561,875,209,1166,601,1254,633,559,233,1614

A_5(n), n = 1..60:

1,6,11,26,21,56,31,96,81,116,51,216,61,176,191,321,81,376,91,446,301,296,111,731,281,356,491,706,141,896,151,1002,521,476,491,1371,181,536,631,1471,201,1406,211,1226,1261,656,231,2287,601,1476,851,1486,261,2141,911,2351,961,836,291,3151

anti_2(n) = n^2 - A_2(n), n = 1..60:

0,1,4,8,16,22,36,44,60,74,100,109,144,158,184,208,256,267,324,336,380,422,484,492,560,602,648,688,784,791,900,912,988,1058,1124,1158,1296,1334,1400,1449,1600,1604,1764,1776,1864,1982,2116,2108,2268,2315,2440,2512,2704,2700,2852,2913,3068,3194,3364,3342

anti_3(n) = n^3 - A_3(n), n = 1..60:

0,4,20,51,112,191,324,474,692,951,1300,1654,2160,2671,3296,3992,4864,5707,6804,7857,9140,10527,12100,13621,15504,17431,19512,21731,24304,26737,29700,32496,35732,39111,42676,46302,50544,54655,59072,63617,68800,73690,79380,84807,90744,97071,103684,110061,117396,124557,132320,140153,148720,156906,166020,175029,184820,194775,205204,215280

anti_4(n) = n^4 - A_4(n), n = 1..60:

0,11,72,237,608,1257,2376,4033,6504,9921,14600,20603,28512,38297,50496,65344,83456,104747,130248,159733,194280,234057,279752,331368,390432,456737,531136,614237,707168,809483,923400,1048024,1185576,1336017,1500296,1678874,1874016,2084777,2313024,2559202,2825600,3110897,3418632,3747373,4099888,4477017,4879496,5307242,5764392,6249139,6764640,7310741,7890272,8501890,9150024,9833242,10555368,11315937,12117128,12958386