

#### Приложение №4 (продолженное). «Анти-числа»

«Зеркальное (дополняющее) число» из рукописи 2016 г. в 2D-исчислении:

$$\bar{A}_d(n) = n^d - A_d(n)$$

Первые девять значений столбца ' $\bar{A}_2$ ' совпадают с рукописным Приложением №4

(0, 1, 4, 8, 16, 22, 36, 44, 60) – проверено точно.

| n  | A_2 | $\bar{A}_2 = n^2 - A_2$ | доля $\bar{A}_2/n^2$ | A_3 | $\bar{A}_3 = n^3 - A_3$ | доля $\bar{A}_3/n^3$ |
|----|-----|-------------------------|----------------------|-----|-------------------------|----------------------|
|    | --- |                         | ---                  |     | ---                     |                      |
| 1  | 1   | 0                       | 0.0000               | 1   | 0                       | 0.0000               |
| 2  | 3   | 1                       | 0.2500               | 4   | 4                       | 0.5000               |
| 3  | 5   | 4                       | 0.4444               | 7   | 20                      | 0.7407               |
| 4  | 8   | 8                       | 0.5000               | 13  | 51                      | 0.7969               |
| 5  | 9   | 16                      | 0.6400               | 13  | 112                     | 0.8960               |
| 6  | 14  | 22                      | 0.6111               | 25  | 191                     | 0.8843               |
| 7  | 13  | 36                      | 0.7347               | 19  | 324                     | 0.9446               |
| 8  | 20  | 44                      | 0.6875               | 38  | 474                     | 0.9258               |
| 9  | 21  | 60                      | 0.7407               | 37  | 692                     | 0.9492               |
| 10 | 26  | 74                      | 0.7400               | 49  | 951                     | 0.9510               |
| 11 | 21  | 100                     | 0.8264               | 31  | 1300                    | 0.9767               |
| 12 | 35  | 109                     | 0.7569               | 74  | 1654                    | 0.9572               |
| 13 | 25  | 144                     | 0.8521               | 37  | 2160                    | 0.9832               |
| 14 | 38  | 158                     | 0.8061               | 73  | 2671                    | 0.9734               |
| 15 | 41  | 184                     | 0.8178               | 79  | 3296                    | 0.9766               |
| 16 | 48  | 208                     | 0.8125               | 104 | 3992                    | 0.9746               |
| 17 | 33  | 256                     | 0.8858               | 49  | 4864                    | 0.9900               |
| 18 | 57  | 267                     | 0.8241               | 125 | 5707                    | 0.9786               |
| 19 | 37  | 324                     | 0.8975               | 55  | 6804                    | 0.9920               |
| 20 | 64  | 336                     | 0.8400               | 143 | 7857                    | 0.9821               |
| 21 | 61  | 380                     | 0.8617               | 121 | 9140                    | 0.9869               |
| 22 | 62  | 422                     | 0.8719               | 121 | 10527                   | 0.9886               |
| 23 | 45  | 484                     | 0.9149               | 67  | 12100                   | 0.9945               |
| 24 | 84  | 492                     | 0.8542               | 203 | 13621                   | 0.9853               |
| 25 | 65  | 560                     | 0.8960               | 121 | 15504                   | 0.9923               |
| 26 | 74  | 602                     | 0.8905               | 145 | 17431                   | 0.9918               |
| 27 | 81  | 648                     | 0.8889               | 171 | 19512                   | 0.9913               |
| 28 | 96  | 688                     | 0.8776               | 221 | 21731                   | 0.9899               |
| 29 | 57  | 784                     | 0.9322               | 85  | 24304                   | 0.9965               |
| 30 | 109 | 791                     | 0.8789               | 263 | 26737                   | 0.9903               |
| 31 | 61  | 900                     | 0.9365               | 91  | 29700                   | 0.9969               |
| 32 | 112 | 912                     | 0.8906               | 272 | 32496                   | 0.9917               |
| 33 | 101 | 988                     | 0.9073               | 205 | 35732                   | 0.9943               |
| 34 | 98  | 1058                    | 0.9152               | 193 | 39111                   | 0.9951               |
| 35 | 101 | 1124                    | 0.9176               | 199 | 42676                   | 0.9954               |
| 36 | 138 | 1158                    | 0.8935               | 354 | 46302                   | 0.9924               |
| 37 | 73  | 1296                    | 0.9467               | 109 | 50544                   | 0.9978               |
| 38 | 110 | 1334                    | 0.9238               | 217 | 54655                   | 0.9960               |
| 39 | 121 | 1400                    | 0.9204               | 247 | 59072                   | 0.9958               |
| 40 | 151 | 1449                    | 0.9056               | 383 | 63617                   | 0.9940               |
| 41 | 81  | 1600                    | 0.9518               | 121 | 68800                   | 0.9982               |
| 42 | 160 | 1604                    | 0.9093               | 398 | 73690                   | 0.9946               |
| 43 | 85  | 1764                    | 0.9540               | 127 | 79380                   | 0.9984               |
| 44 | 160 | 1776                    | 0.9174               | 377 | 84807                   | 0.9956               |
| 45 | 161 | 1864                    | 0.9205               | 381 | 90744                   | 0.9958               |
| 46 | 134 | 1982                    | 0.9367               | 265 | 97071                   | 0.9973               |
| 47 | 93  | 2116                    | 0.9579               | 139 | 103684                  | 0.9987               |
| 48 | 196 | 2108                    | 0.9149               | 531 | 110061                  | 0.9952               |

|    |     |      |        |     |        |        |
|----|-----|------|--------|-----|--------|--------|
| 49 | 133 | 2268 | 0.9446 | 253 | 117396 | 0.9978 |
| 50 | 185 | 2315 | 0.9260 | 443 | 124557 | 0.9965 |
| 51 | 161 | 2440 | 0.9381 | 331 | 132320 | 0.9975 |
| 52 | 192 | 2512 | 0.9290 | 455 | 140153 | 0.9968 |
| 53 | 105 | 2704 | 0.9626 | 157 | 148720 | 0.9989 |
| 54 | 216 | 2700 | 0.9259 | 558 | 156906 | 0.9965 |
| 55 | 173 | 2852 | 0.9428 | 355 | 166020 | 0.9979 |
| 56 | 223 | 2913 | 0.9289 | 587 | 175029 | 0.9967 |
| 57 | 181 | 3068 | 0.9443 | 373 | 184820 | 0.9980 |
| 58 | 170 | 3194 | 0.9495 | 337 | 194775 | 0.9983 |
| 59 | 117 | 3364 | 0.9664 | 175 | 205204 | 0.9991 |
| 60 | 258 | 3342 | 0.9283 | 720 | 215280 | 0.9967 |