

**A Collection of
Numerical Solutions of
Multigrade Equations
Related to the
Prouhet-Tarry-Escott
Problem**

by Jarosław Wróblewski

jwr@math.uni.wroc.pl

<http://www.math.uni.wroc.pl/~jwr/PTE>

Upgrade 13 of Version 12, January 3, 2010

This Upgrade should be used together with Version 12

Solution code	Right terms	Left terms
8.12.473	473, 384, 348, 229, 175, 81	471, 400, 319, 252, 177, 59
8.12.544	544, 471, 355, 163, 156, 47	541, 481, 327, 240, 68, 61
8.12.557	557, 502, 458, 308, 233, 57	543, 532, 433, 317, 242, 2
8.12.599	599, 505, 431, 191, 135, 111	591, 535, 369, 295, 89, 1
8.12.623	623, 579, 572, 296, 225, 83	616, 601, 555, 313, 188, 117
8.12.657	657, 600, 530, 433, 219, 109	648, 622, 485, 471, 201, 125
8.12.815	815, 691, 655, 419, 279, 201	785, 771, 569, 409, 401, 45
8.12.828	828, 717, 610, 482, 305, 263	822, 740, 563, 505, 358, 207
8.12.877	877, 843, 699, 625, 199, 127	865, 859, 687, 633, 211, 107
8.12.889	889, 582, 564, 191, 185, 152	888, 628, 471, 361, 70, 31
8.12.915	915, 706, 679, 466, 311, 180	911, 756, 590, 509, 354, 95
8.12.951	951, 763, 695, 690, 463, 116	948, 785, 721, 597, 529, 50
8.12.963	963, 911, 695, 544, 477, 81	951, 929, 673, 563, 480, 51
8.12.1089	1089, 940, 938, 723, 631, 554	1086, 979, 887, 756, 590, 577
8.12.1663	1663, 1523, 1268, 939, 606, 355	1613, 1605, 1186, 993, 652, 269
8.12.1690	1690, 1516, 1229, 795, 511, 406	1670, 1565, 1141, 906, 479, 364

Remarks:

Powers: 2, 4, 6, 8 with $6+6=12$ terms.

Results of a selective search by Jarosław Wróblewski (January 2010).