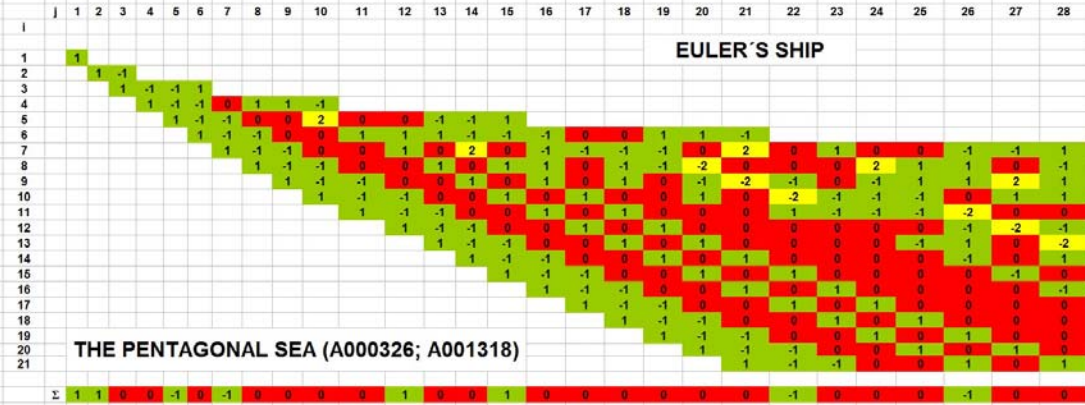


Euler's Ship on the Pentagonal Sea

k \ n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
n	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1	1	1	1	1	1	1	1	1
1	1	1	2	3	6	7	11	15	22	30	42	56	77	101	135	176	231	297	385	490	627	792	1002	1255	1575	1959	2438	3013	3723
2	0	1	0	1	1	2	2	4	4	7	8	12	14	21	24	34	41	55	66	88	105	137	165	210	253	320	384	479	575
3	0	0	1	0	0	1	1	1	2	2	3	4	5	6	9	10	13	17	21	25	33	39	49	60	73	89	110	131	169
4	0	0	0	1	0	0	0	1	1	1	1	2	2	3	3	5	5	7	8	11	12	16	18	24	27	34	39	50	68
5	0	0	0	0	1	0	0	0	0	1	1	1	1	2	2	3	3	4	5	6	7	9	10	13	15	18	21	26	35
6	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	2	3	3	4	4	6	6	8	9	11	12	15
7	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	2	2	3	3	4	4	5	5	6	7	8
8	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	3	3	4	4
9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	3
10	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
11	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
12	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
p(n)	1	2	3	5	7	11	15	22	30	42	56	77	101	135	176	231	297	385	490	627	792	1002	1255	1575	1959	2438	3013	3723	4573

A000041 The partition numbers A026794 $T(n,k)$ = number of partitions of n in which least part is k



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J. W. Meijer and M. Nepveu, Euler's ship on the Pentagonal Sea, Acta Nova, Volume 4, No.1, December 2008. pp. 176-187.

Photographs by Rachel Janssen, Amsterdam.