A259985 (Whitehead's Table 1

Coefficients of rook polynomials

Coefficients $\sigma_{n,k}$

$k \backslash n$	0	1	2	3	4	5	6	7	8	9	10	11
0	1	1	1	1	1	1	1	1	1	1	1	1
1		1	4	9	16	20	24	28	32	36	40	44
2			2	18	72	130	204	294	400	522	660	814
3				6	96	320	752	1456	2496	3936	5840	8272
4					24	265	1185	3521	8264	16659	30210	50677
5						44	672	3892	14272	39924	93568	193556
6							80	1617	11776	52071	171060	461208
7								144	3776	33480	175360	667832
8									264	8577	90745	554532
9										484	19080	236808
10											888	41745
11												1632