

a(n,m) tabf head (staircase) for A115139

n\m	0	1	2	3	4	5	6	7	...
1	1	0	0	0	0	0	0	0	
2	1	0	0	0	0	0	0	0	
3	1	-1	0	0	0	0	0	0	
4	1	-2	0	0	0	0	0	0	
5	1	-3	1	0	0	0	0	0	
6	1	-4	3	0	0	0	0	0	
7	1	-5	6	-1	0	0	0	0	
8	1	-6	10	-4	0	0	0	0	
9	1	-7	15	-10	1	0	0	0	
10	1	-8	21	-20	5	0	0	0	
11	1	-9	28	-35	15	-1	0	0	
12	1	-10	36	-56	35	-6	0	0	
13	1	-11	45	-84	70	-21	1	0	
14	1	-12	55	-120	126	-56	7	0	
15	1	-13	66	-165	210	-126	28	-1	
16	1	-14	78	-220	330	-252	84	-8	
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The (signed) row sums give the periodic sequence (period 6): $[1, 1, 0, -1, -1, 0, \dots] = A010892(n-1)$, $n \geq 1$.

The unsigned row sums give: $A000045(n-1)$, $n \geq 1$, (Fibonacci).

