

		j	0	1	2	3	4	5	6
i		y_j	B	D	C	A	B	A	
0	x_i	0	0	0	0	0	0	0	
1	A	0	↑	↑	↑	↖1	←1	↖1	
2	B	0	↖1	←1	←1	↑1	↖2	←2	
3	C	0	↑1	↑1	↖2	←2	↑2	↑2	
4	B	0	↖1	↑1	↑2	↑2	↖3	←3	
5	D	0	↑1	↖2	↑2	↑2	↑3	↑3	
6	A	0	↑1	↑2	↑2	↖3	↑3	↖4	
7	B	0	↖1	↑2	↑2	↑3	↖4	↑4	