

	↑	↗	→	↘	↓	↙	←	↖
↑	0	1	0	0	0	0	0	0
↗	0	1	0	0	0	0	0	0
→	0	0	1	0	0	0	0	0
↘	0	0	0	0	0	0	0	0
↓	0	0	0	0	2	0	1	0
↙	0	0	0	0	0	2	0	0
←	0	0	0	1	0	0	1	0
↖	1	0	1	1	0	0	0	1