Table 1

		-2	-1	0	1	2	
3	UL			U			UR
2		(-2,2)	(-1,2)	(0,2)	(1,2)	(2,2)	
1		(-2,1)	(-1,1)	(0,1)	(1,1)	(2,1)	
0	L	(-2,0)	(-1,0)		(1,0)	(2,0)	R
-1		(-2,-1)	(-1,-1)	(0,-1)	(1,-1)	(2,-1)	
-2		(-2,-2)	(-1,-2)	(0,-2)	(1,-2)	(2,-2)	
-3	DL			D			DR