									1	2	3	4		
								1	1	0				
								2	0	0	1			
								3		0	1			
								4		1	0	0		
				1	2	3	4							
			-1											
			1		0	1				1	2	3	4	5
			2	1	0	1	0		1	0	1	0	0	0
			3	0	0	0			2	0	0	0	0	1
					1				3	0	0	0	1	0
									4	1	0	0	0	0