

	pair 1						pair 2						pair 3					
1	0	0	0	1	0	1	0	0	1	0	0	1	0	1	0	0	0	1
2	0	0	1	0	1	0	0	1	0	0	1	0	1	0	0	0	1	0
3	0	1	0	1	0	0	1	0	0	1	0	0						
4	1	0	1	0	0	0												