Adjacency Matrix

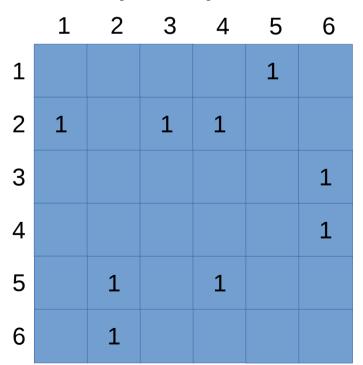|	1	2	3	4	5	6
1					1	
2	1		1	1		
3						1
4						1
5		1		1		
6		1				

Minimal Distance

	1	2	3	4	5	6
1	3	2	3	2	1	3
2	1	3	1	1	2	2
3	3	2	3	3	4	1
4	3	2	3	3	4	1
5	2	1	2	1	3	2
6	2	1	2	2	3	3