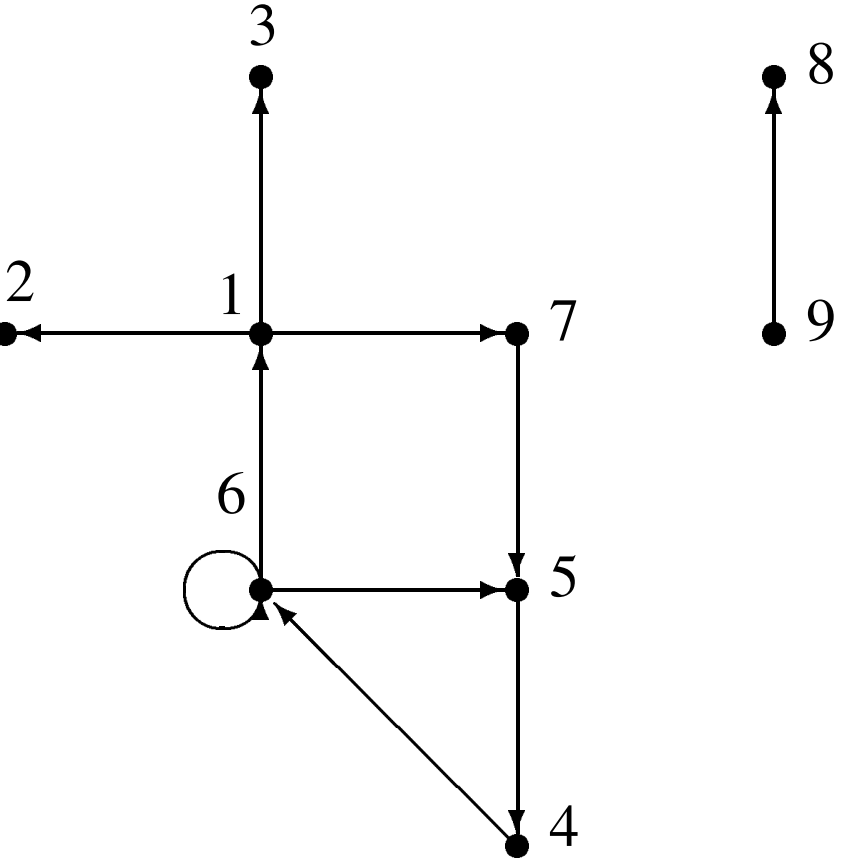

(a)

	1	2	3	4	5	6	7	8	9
1	0	1	1	0	0	0	1	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	1	0	0	0
5	0	0	0	1	0	0	0	0	0
6	1	0	0	0	1	1	0	0	0
7	0	0	0	0	1	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	0

(b)