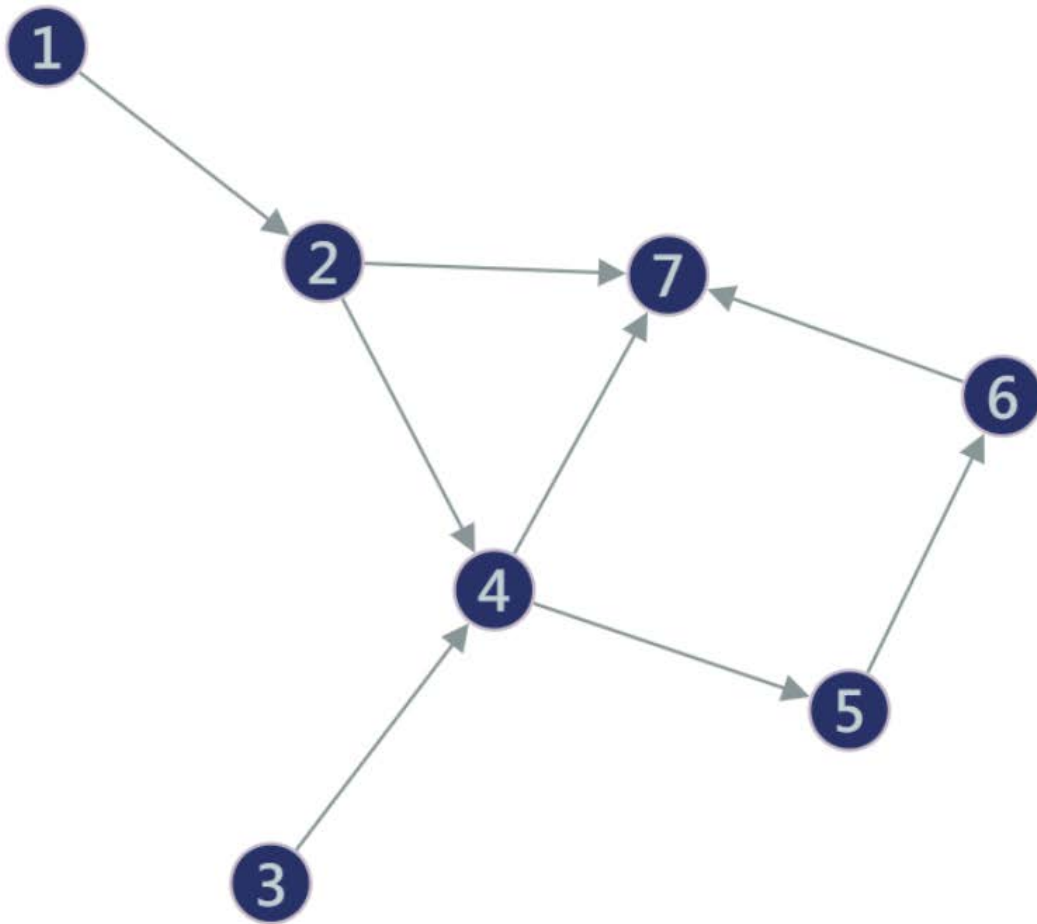
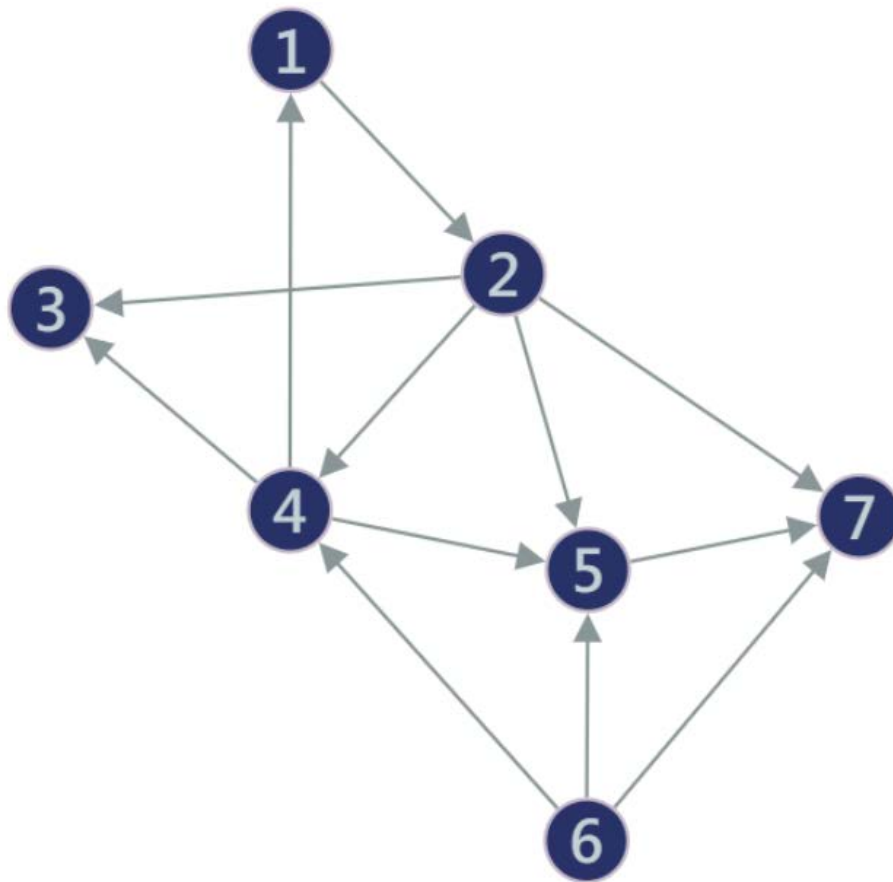


# Sparse Graph\_\_\_\_\_



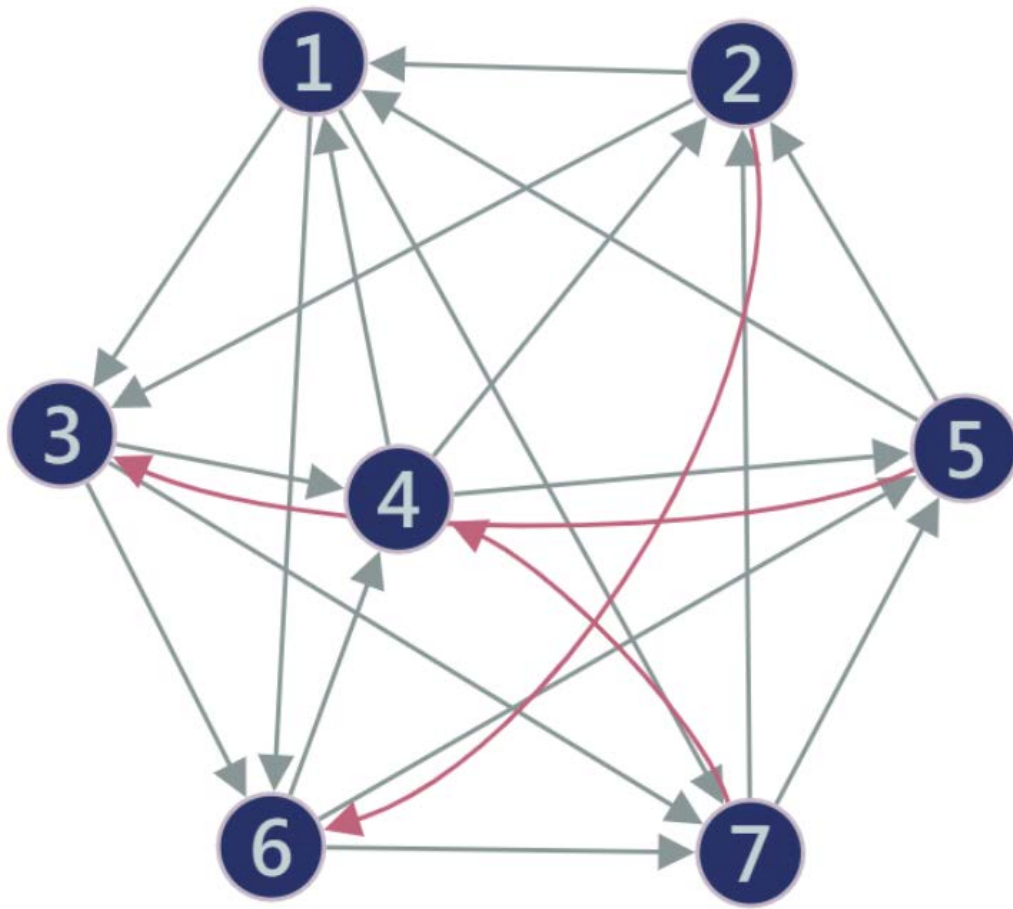
sparse graph ( $ E =8$ )							
	1	2	3	4	5	6	7
1	0	1	0	0	0	0	0
2	0	0	0	1	0	0	1
3	0	0	0	1	0	0	0
4	0	0	0	0	1	0	1
5	0	0	0	0	0	1	0
6	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0

# Medium Graph\_\_\_\_\_



medium graph ( $ E =12$ )							
	1	2	3	4	5	6	7
1	0	1	0	0	0	0	0
2	0	0	1	1	1	0	1
3	0	0	0	0	0	0	0
4	1	0	0	0	1	0	0
5	0	0	0	0	0	0	1
6	0	0	1	1	1	0	1
7	0	0	0	0	0	0	0

# Dense Graph\_\_\_\_\_



dense graph ( $ E =21$ )							
	1	2	3	4	5	6	7
1	0	0	1	0	0	1	1
2	1	0	1	0	0	1	0
3	0	0	0	1	0	1	1
4	1	1	0	0	1	0	0
5	1	1	1	0	0	0	0
6	0	0	0	1	1	0	1
7	0	1	0	1	1	0	0