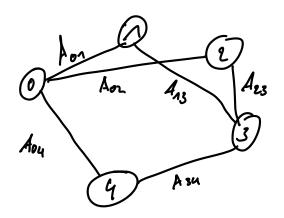
1.) Symmetrie - sudvicetel

2



3) yes, its possible because here is one correct example.

- one can partite the graph into 2 disjoint sets UV that do not have edge, within the set.

U	V
l'o	
3/	4/

4) Adjacency list

Mode adjacency

0 1, 2,4

0,1

1 0,3

0,4

2 0,3

3 1,2,4

4 0,3

Problem 1-2

$$N(t) = t - T$$

1)
$$N_{n}(f) = E - T$$

2) $N_{L}(f) = E - 1 - T - 1$

3)
$$(4) = \frac{2L}{N} = \frac{2(t-1)}{t} = 2 - \frac{2}{t}$$