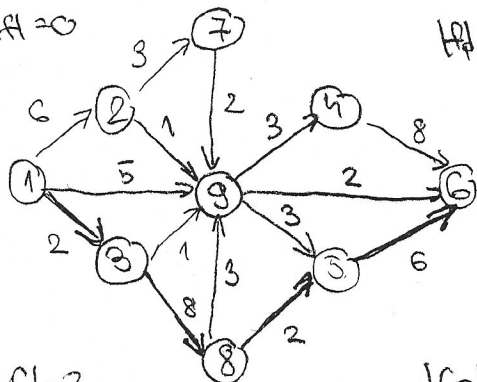


# NASP - PROJEK U MEDZAMA - 21 2011-2012

$H=0$

$H=2$

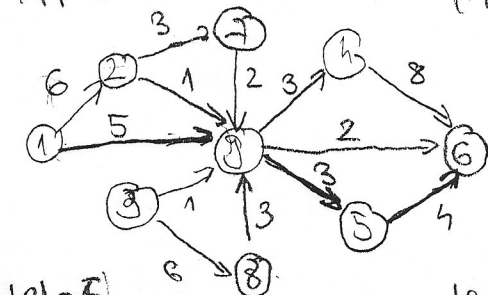
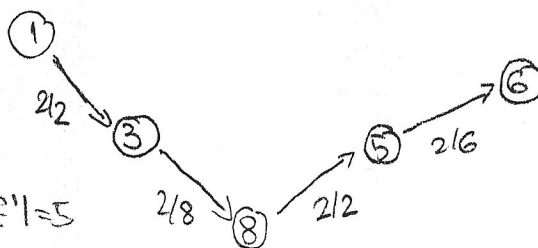
$|F|=2$



$|F|=2$

$|F_P|=3$

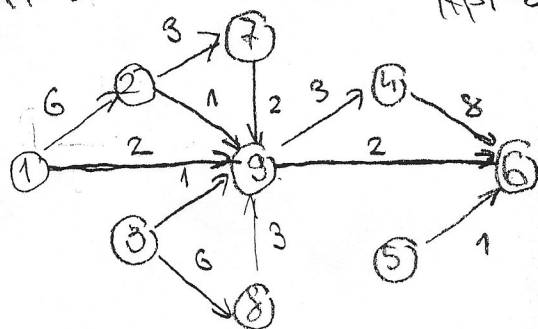
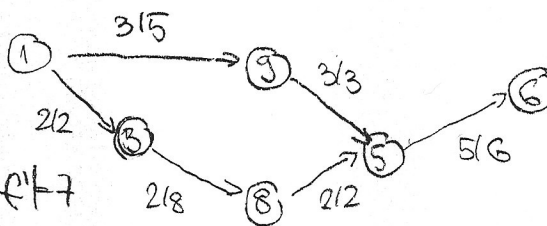
$|F'|=5$



$|F'|=5$

$|F_P|=2$

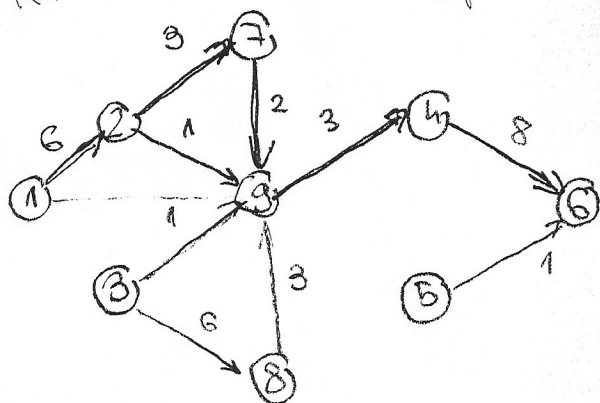
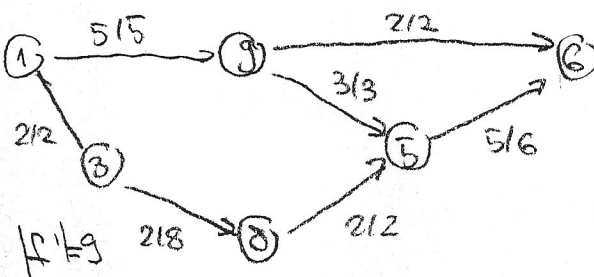
$|F'|=7$



$|F'|=7$

$|F_P|=2$

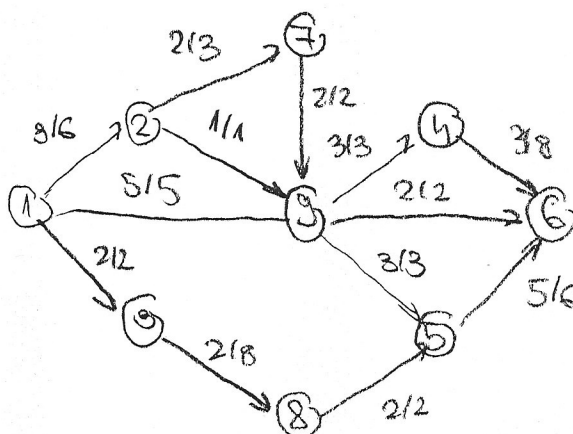
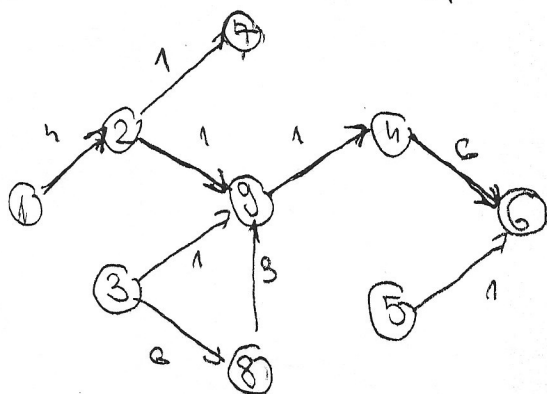
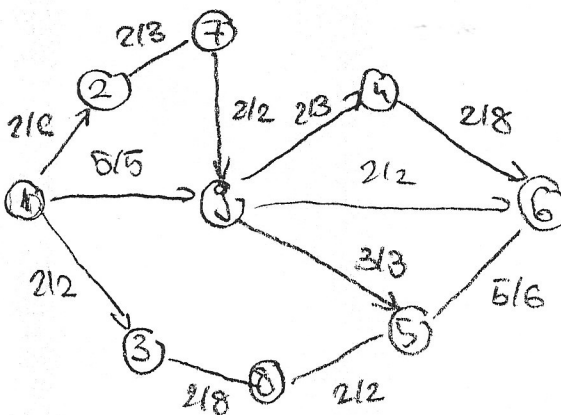
$|F'|=9$



$|F'|=9$

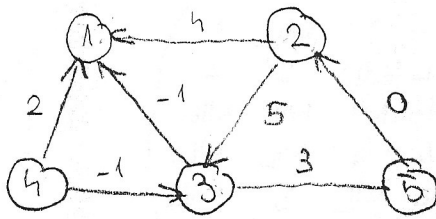
$|F_P|=1$

$|F'|=10$



# GRAFOVI - WARSHALL-FLOYD - INGERMANOV ALGORITAM

21. 2011/12 (5)



0 I

	1	2	3	4	5
1	$\infty$	$\infty$	$\infty$	$\infty$	$\infty$
2	4	$\infty$	5	$\infty$	$\infty$
3	-1	$\infty$	$\infty$	$\infty$	3
4	2	$\infty$	-1	$\infty$	$\infty$
5	$\infty$	0	3	$\infty$	$\infty$

II

II	1	2	3	4	5
1	NIL	NIL	NIL	NIL	NIL
2	2	NIL	2	NIL	NIL
3	3	NIL	NIL	NIL	3
4	4	NIL	4	NIL	NIL
5	NIL	5	5	NIL	NIL

III

	1	2	3	4	5
1	$\infty$	$\infty$	$\infty$	$\infty$	$\infty$
2	4	$\infty$	5	$\infty$	$\infty$
3	-1	$\infty$	$\infty$	$\infty$	3
4	2	$\infty$	-1	$\infty$	$\infty$
5	4	0	3	$\infty$	$\infty$

IV

IV	1	2	3	4	5
1	NIL	NIL	NIL	NIL	NIL
2	2	NIL	2	NIL	NIL
3	3	NIL	NIL	NIL	3
4	4	NIL	4	NIL	NIL
5	2	5	5	NIL	NIL

V

	1	2	3	4	5
1	$\infty$	$\infty$	$\infty$	$\infty$	$\infty$
2	4	$\infty$	5	$\infty$	8
3	-1	$\infty$	$\infty$	$\infty$	3
4	-2	$\infty$	-1	$\infty$	2
5	2	0	3	$\infty$	6

VI

VI	1	2	3	4	5
1	NIL	NIL	NIL	NIL	NIL
2	2	NIL	2	NIL	3
3	3	NIL	NIL	NIL	3
4	3	NIL	4	NIL	3
5	3	5	5	NIL	3

VII

	1	2	3	4	5
1	$\infty$	$\infty$	$\infty$	$\infty$	$\infty$
2	4	8	5	$\infty$	8
3	-1	3	6	$\infty$	3
4	-2	2	-1	$\infty$	2
5	2	0	3	$\infty$	6

VIII

VIII	1	2	3	4	5
1	NIL	NIL	NIL	NIL	NIL
2	2	5	2	NIL	3
3	3	5	5	NIL	3
4	3	5	4	NIL	3
5	3	5	5	NIL	3

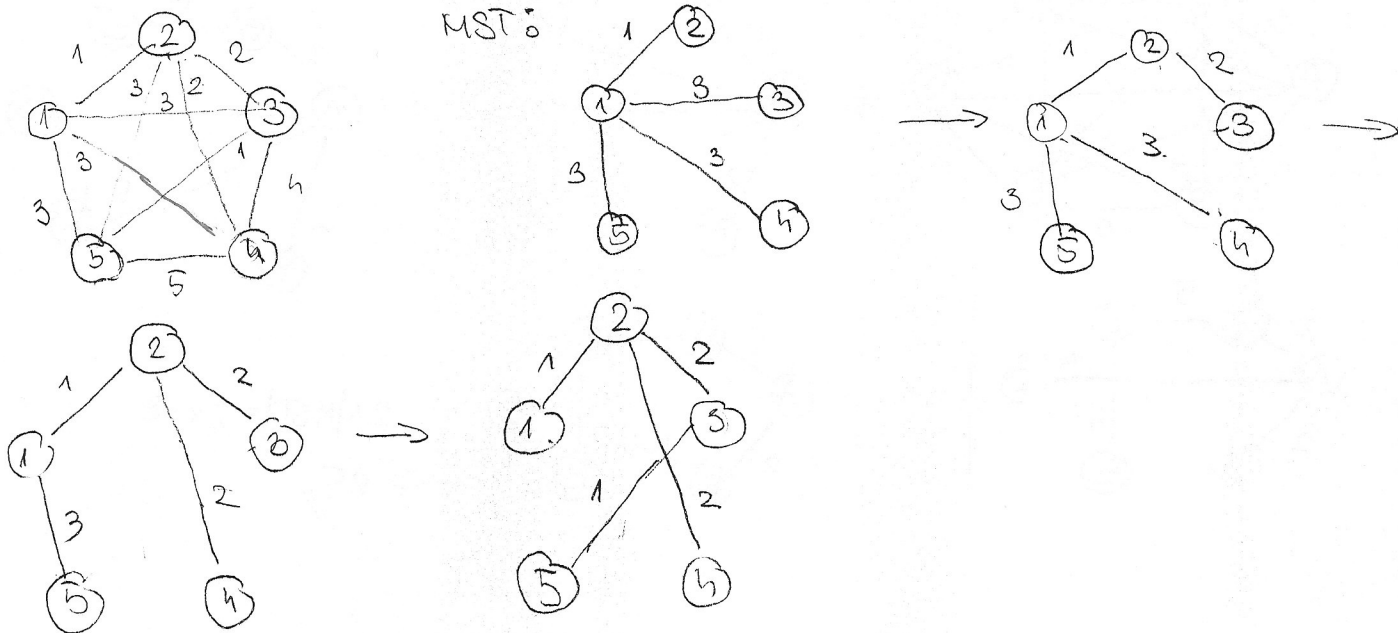
CIKLUSI 2-3-5  
3-5

NAJKBACI 3-5  $\rightarrow$  6

# GRAFOVI - TRAVELING SALESMAN PROBLEM

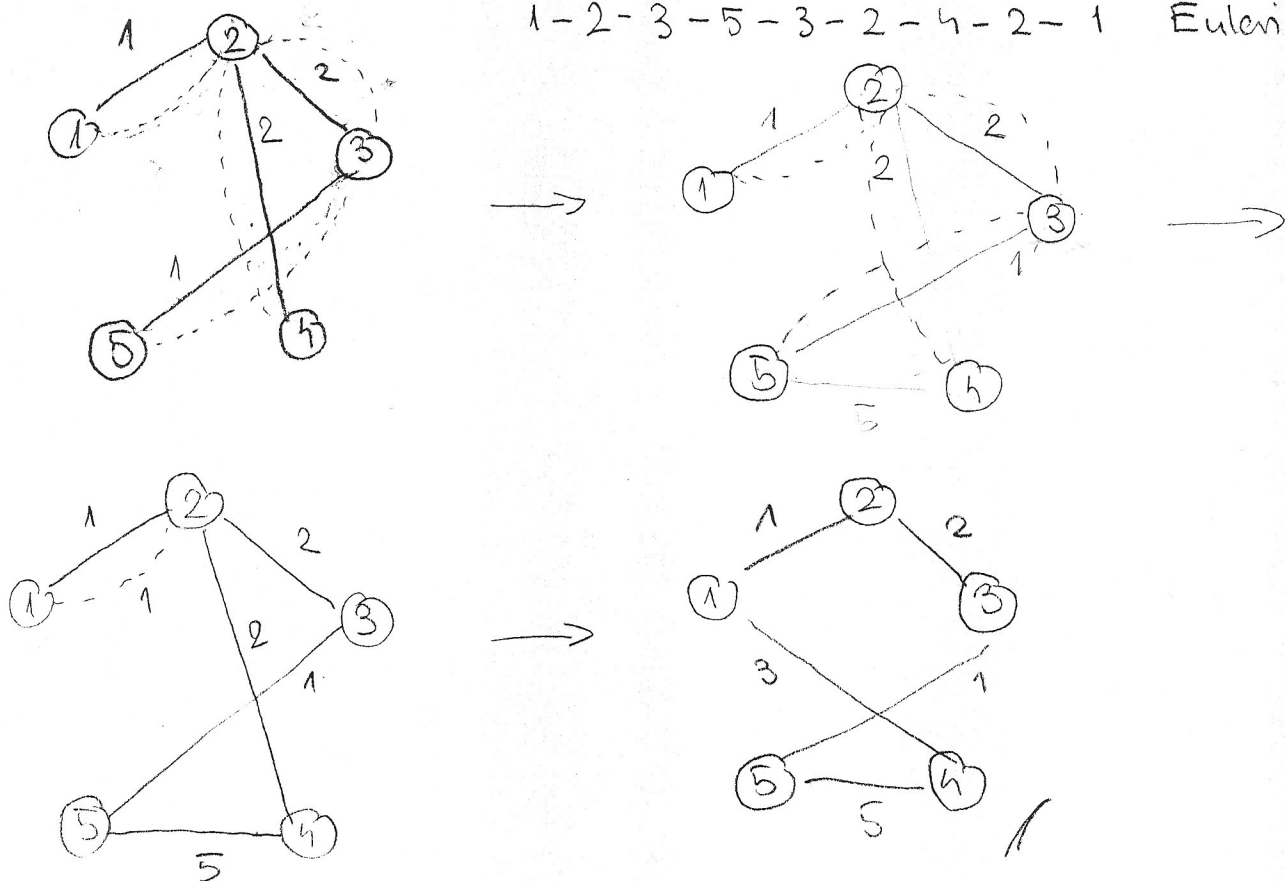
21. 2011/12. ⑤ - 2 \* MST (DIJKSTRA)

I



II 2 \* MST:

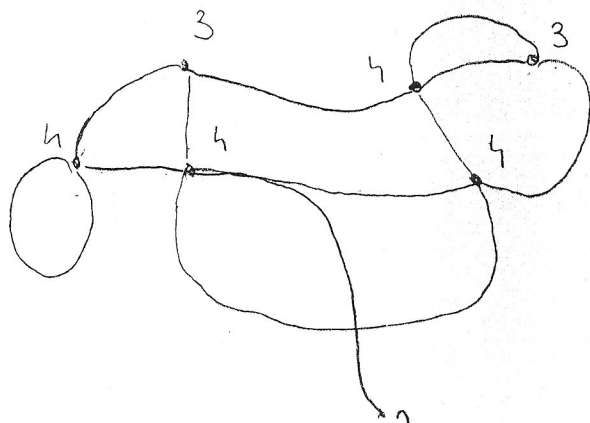
1-2-3-5-3-2-4-2-1 Eulerian



# GRAFOVI - EULEROVA STAZA

21. 2011/12.

(7)



> 3 ima neparnog stepenja "

