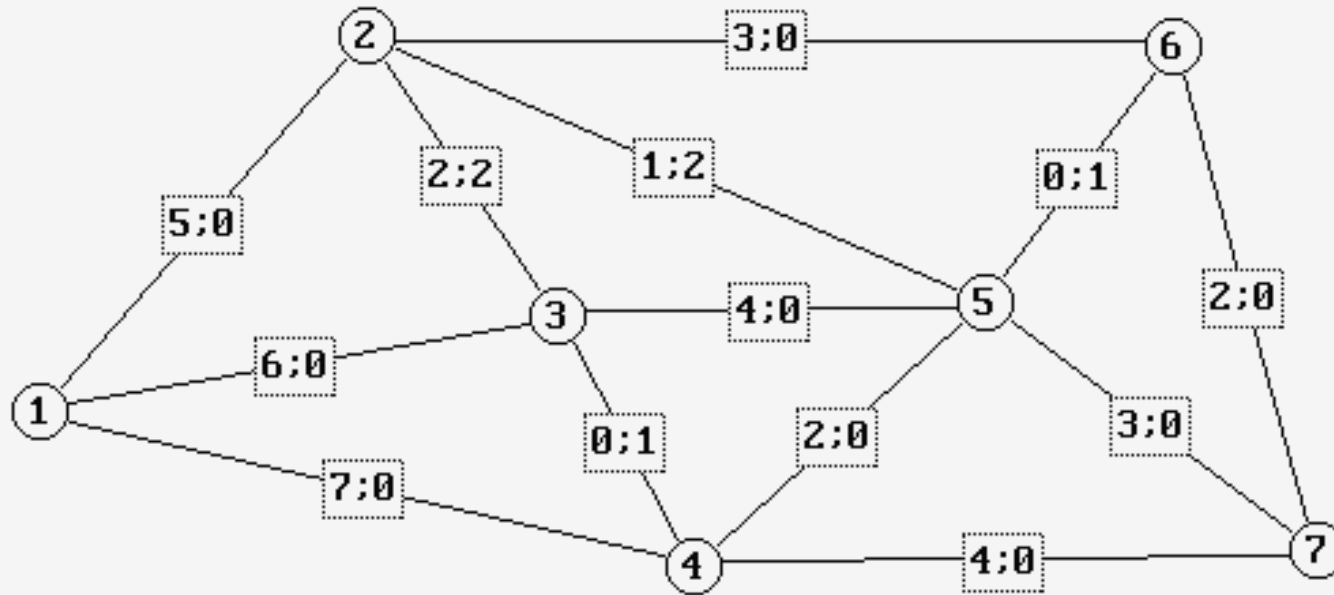
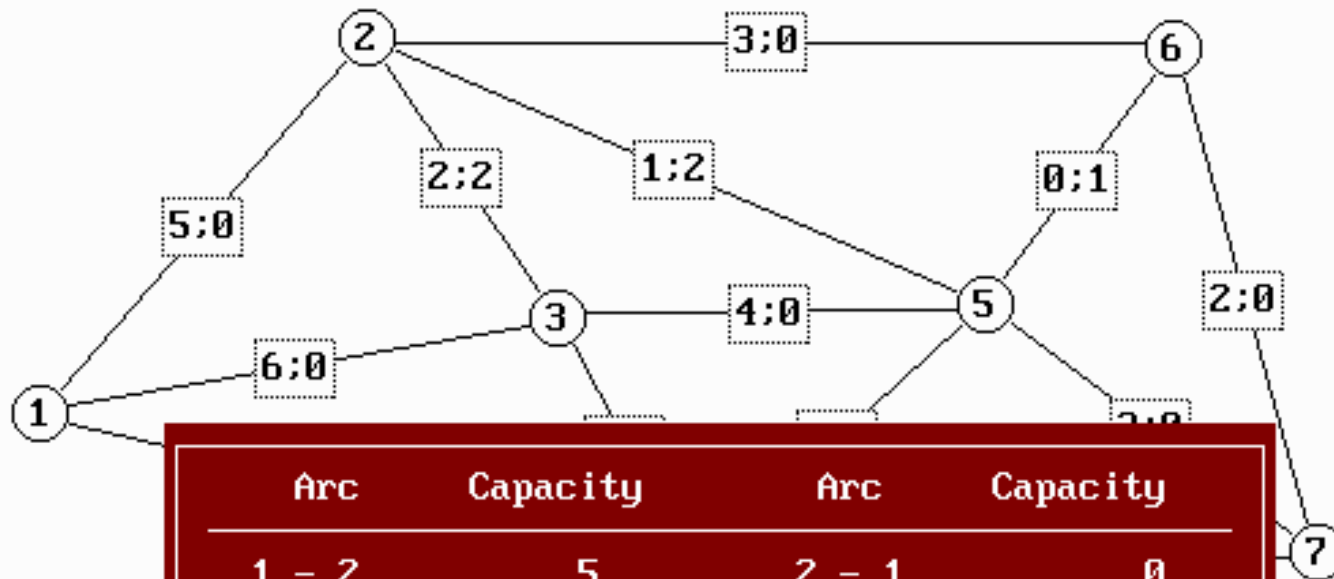


Программа MPS1.EXE

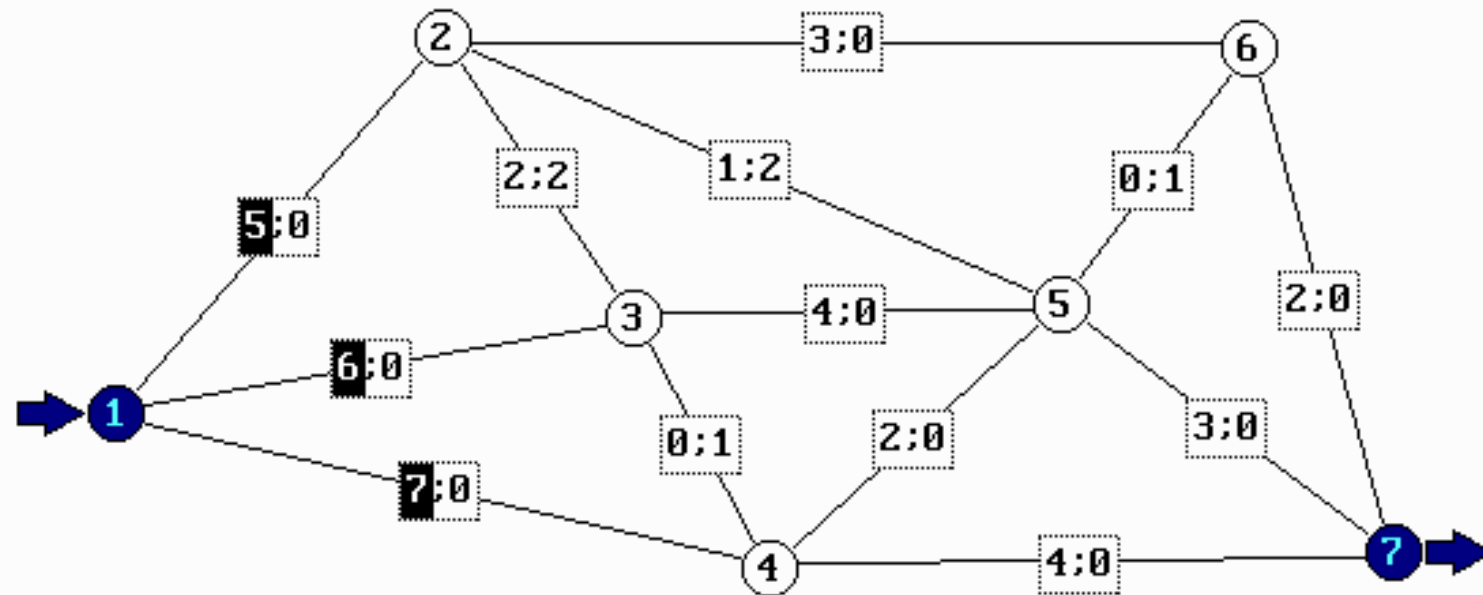
Исследование операций
с применением компьютера
Версия 2.00a (2007)





Arc	Capacity	Arc	Capacity
1 - 2	5	2 - 1	0
1 - 3	6	3 - 1	0
1 - 4	7	4 - 1	0
2 - 3	2	3 - 2	2
2 - 5	1	5 - 2	2
2 - 6	3	6 - 2	0
3 - 4	0	4 - 3	1
3 - 5	4	5 - 3	0
4 - 5	2	5 - 4	0
4 - 7	4	7 - 4	0
5 - 6	0	6 - 5	1
5 - 7	3	7 - 5	0
6 - 7	2	7 - 6	0

Iteration 1

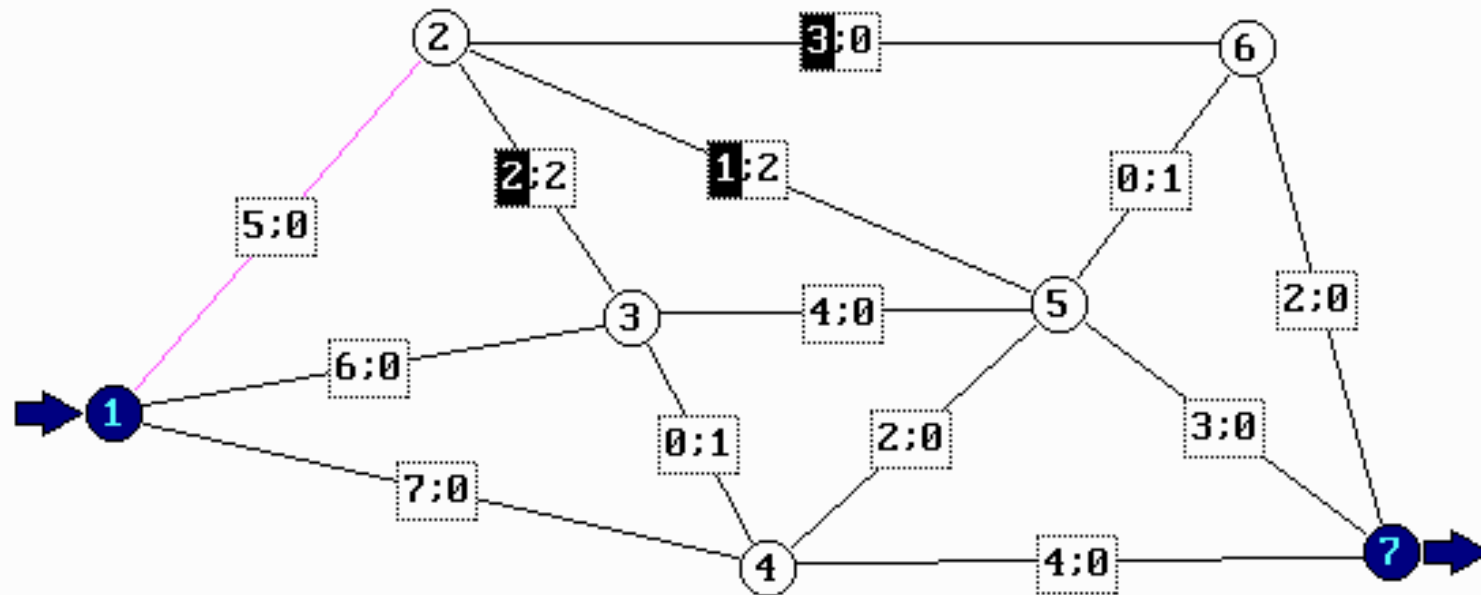


Construct the path from the source to the sink

MAXIMAL FLOW IN THE NETWORK
Solving the problem

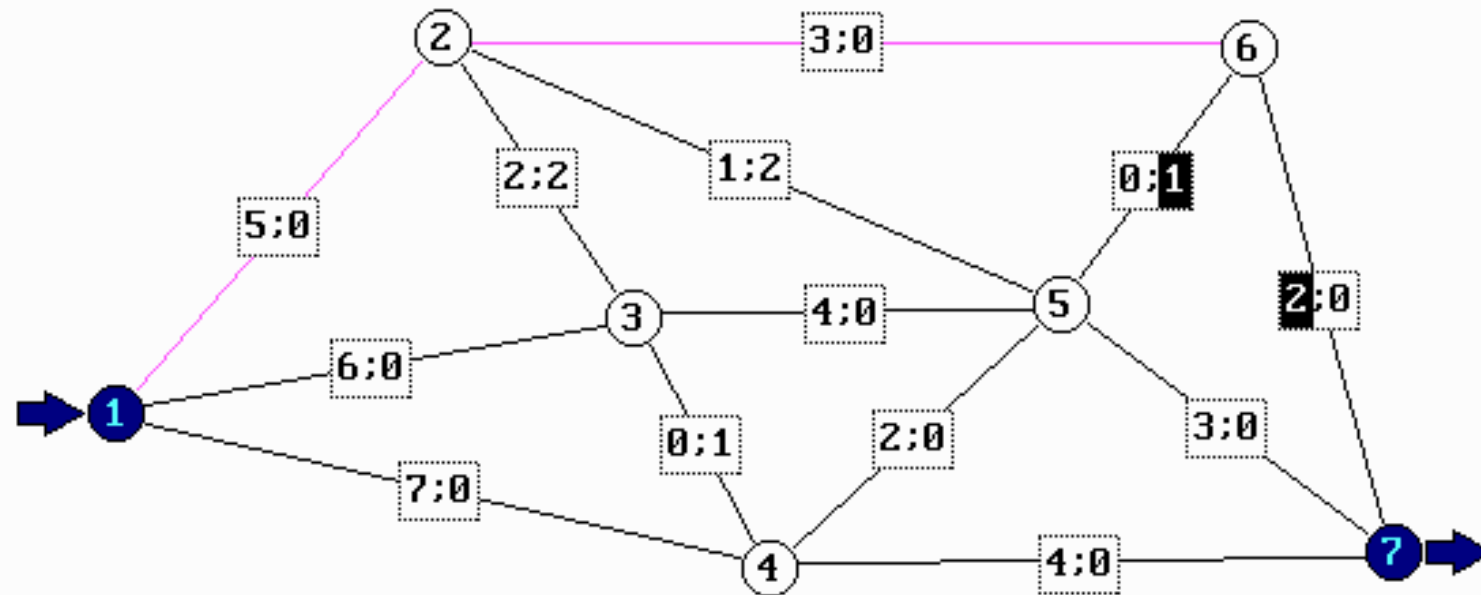
MPS1 / 5

Iteration 1



Construct the path from the source to the sink 1-2

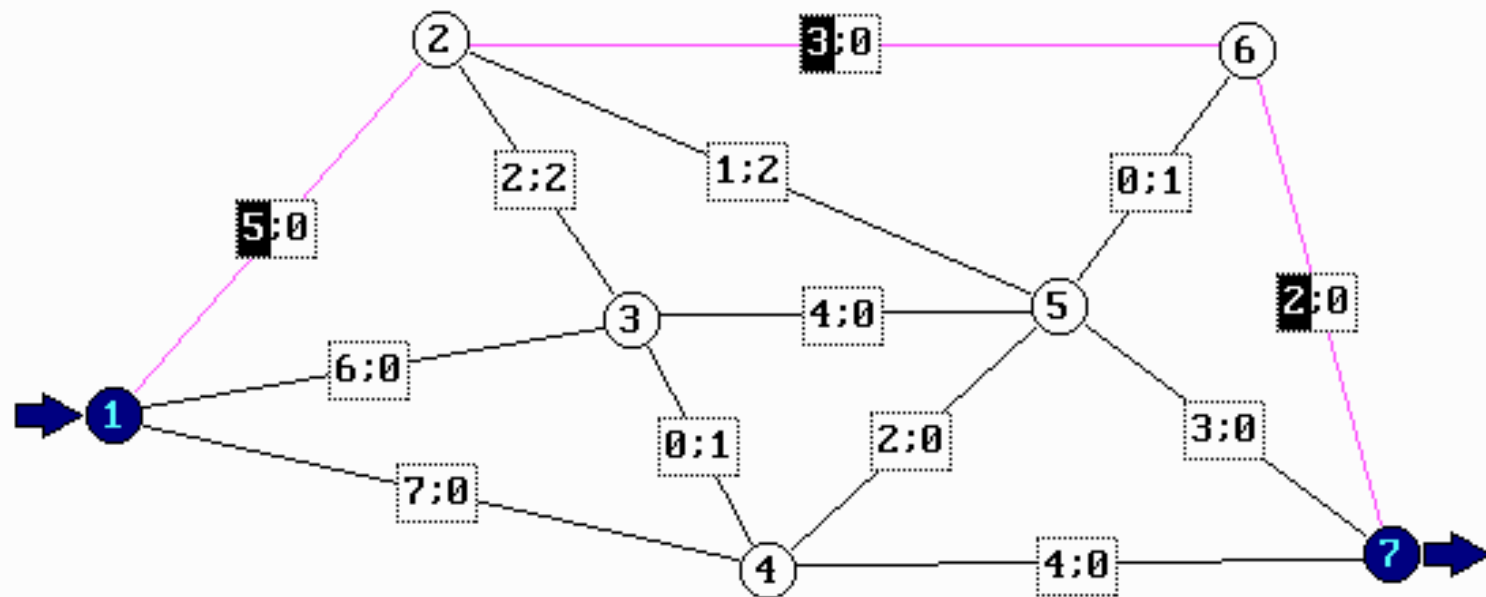
Iteration 1



Construct the path from the source to the sink 1-2-6

MAXIMAL FLOW IN THE NETWORK
Solving the problem

Iteration 1



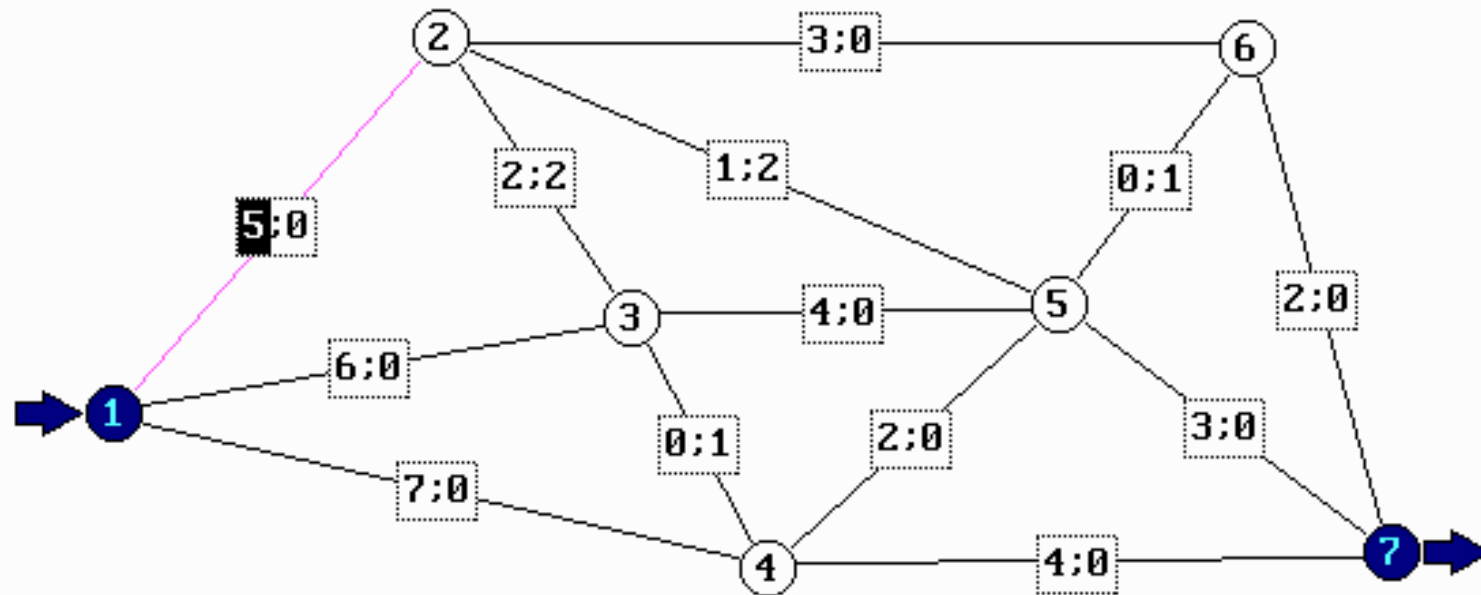
Enter the flow 2



MAXIMAL FLOW IN THE NETWORK
Solving the problem

MPS1 / 8

Iteration 1

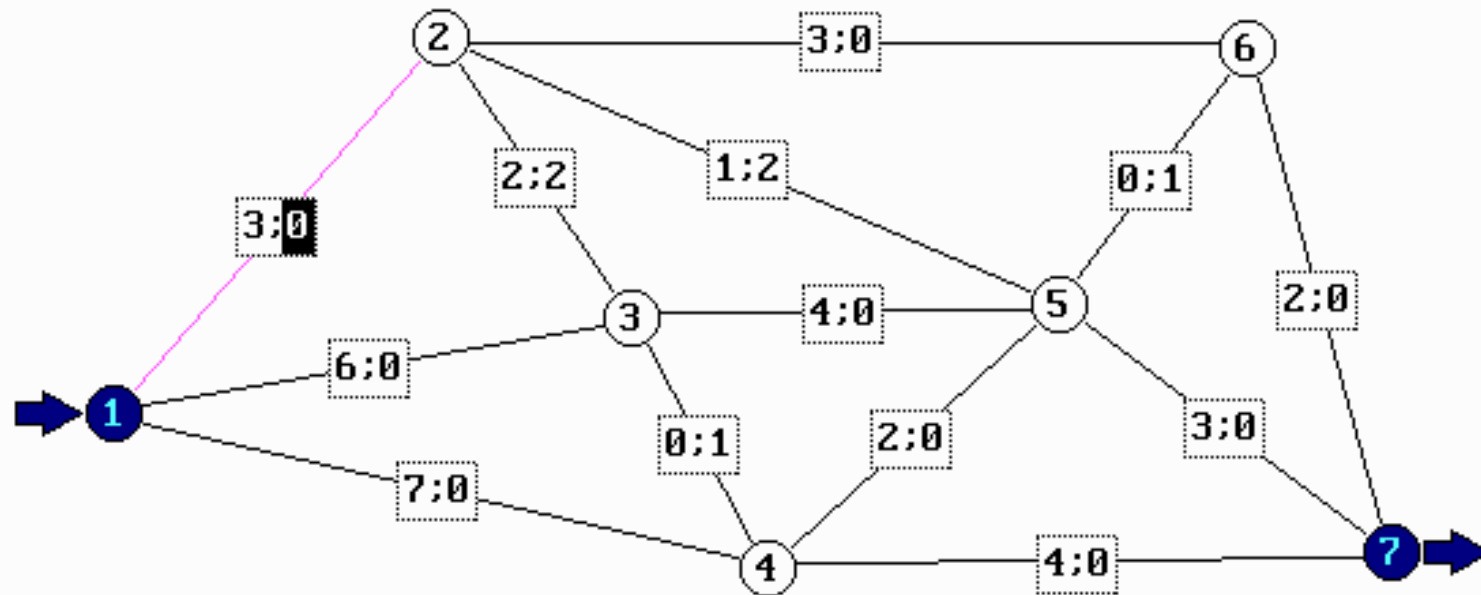


Enter new capacity of the arc 1 - 2
(capacity of the path 1-2-6-7 = 2)



MAXIMAL FLOW IN THE NETWORK
Solving the problem

Iteration 1



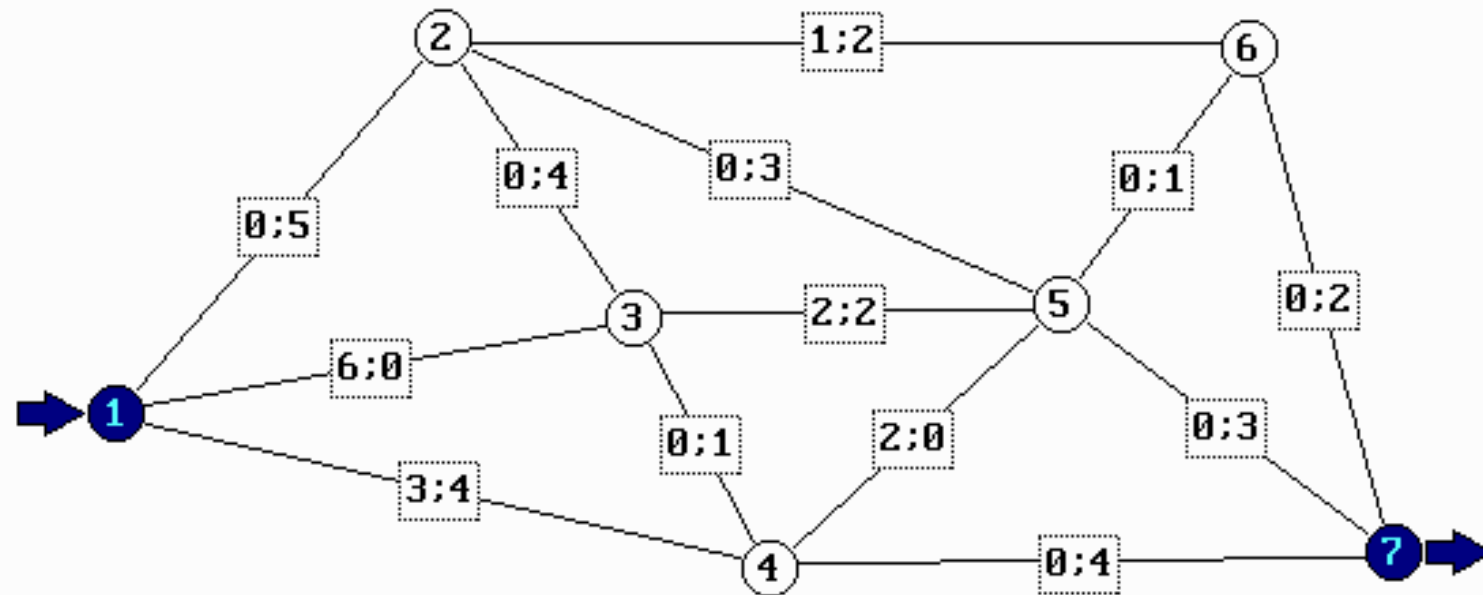
Enter new capacity of the arc 2 - 1
(capacity of the path 1-2-6-7 = 2)



MAXIMAL FLOW IN THE NETWORK
Solving the problem

MPS1/10

Optimal solution



Path	Flow value
1-2-6-7	2
1-2-3-5-7	2
1-2-5-7	1
1-4-7	4
Maximal flow	= 9