9: 8 8 2 4

V: 3 0 2 41

dot out int int we will not a so we see the second of th

det [3] = 0 ni adaugain 3 in coada

distia] =1

at5]=10

d [4] = 7

Pt filcare pas,
luam vecimul

vi il pinem in coada

vi actualizam

dist din el

Dont die (3,1) este 7.

Actualizarm in mod on dist, omin neuis.

d[vecin] = min (attrecin], d[noa] + costmuchie)

maream I ea vit ré adaingon muchille incidente lui

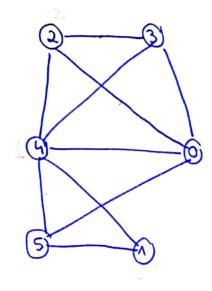
outrour bear dupa cost

Saostem cea mai reflins muchil adica 1-24

Marcam & addington muchiele maderte

Le alege mereu rouchia de cost mon catre un mod neviritat.

1-4, 4-0, 0-3,0-2



graful nu a supartit pt cà me putem face a 2-colorars

me de muchie arter-un graf lipartet an t-noduri

- (1)

4+4+4=12

- leg frie care mod din tim ga de fil care nod din dreapta

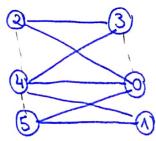
$$\begin{bmatrix} \frac{7 \cdot 7}{4} \end{bmatrix} = \begin{bmatrix} \frac{49}{4} \end{bmatrix} = 12$$

-trebuie sà an 3 muchi massin pt as graful de mai sus sà

ace. he expartit

$$[\frac{6.6}{4}] = [9] = 9$$

elima muchi: (2,4),(3,0),(4,5)

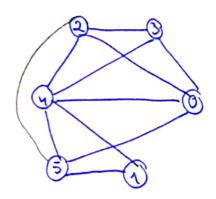


4) 6 are un latint enterian (=) are cel mult dond infoliger impar (assect a same sico dona) si toat moderale de grande operation unesi mingerale comp conerce.

grad [4 2 3 3 5 3]

=> auem & of de gr impar => deci adaugam a muche intre douà of de gr impar putem adouga fie (2,5), fie (3,5)

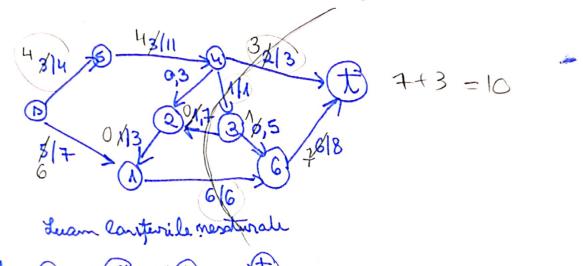
-addugam (2,5)



4-1-5-0-4-2-0-3-4-5-2-3
aiche eulerian

fluxe = un graf outset ale càrui muchii au capacitati, plureul
plecand dintr-o nurre si ajungand ac o destiratio
taietura = o partitionare a nodurilar en à submultime digitate
taietura = minuma = nuna minima a capacitatio muchilar elimina
din graf = mare plane

eaut nevatural - eaut pe care plusque care pleace din



1 D S W T

2 D-1-2-3-6-t

me mai aven Canturineraturate 2) fluxul mars =10

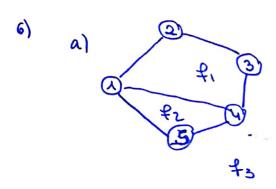
taletura minima: in desen

capacitate: 3+1+6=10

in partere: 1 0, 5, 4, 2, 13, 2 3, 6, tog
of eigen: 9 4, 2, 3, 2, 6, 13

arce inverse: (2,3)

mu escirtà altà taietura minima in retea



one o fatious y
$$d_{M}(f_{1}) = y$$

$$d_{M}(f_{2}) = 3$$

$$d_{M}(f_{3}) = 5$$