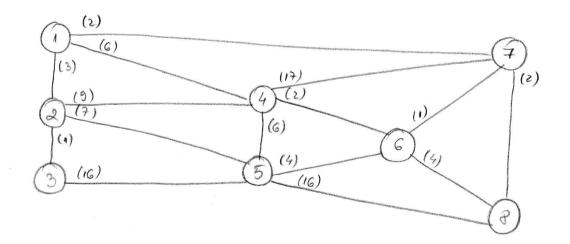
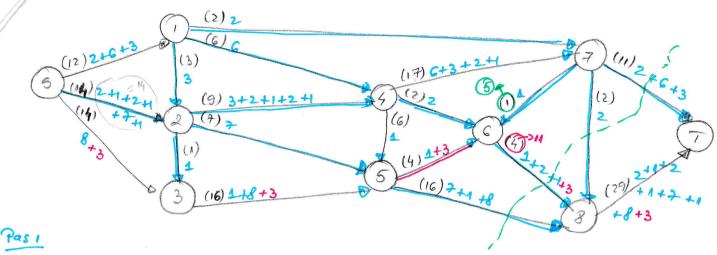
PB. TRANSPORT - OU TLUX

Um produs este doponible im punctele 1,2 si 3 m contitatile 12,18 st 10 H lok solvitat im punctele 7 H 8 m contitatile 11 H 25.

Intre surse et destronatio exista rute de legatura asa cum resultation graful de mai jus. Capacitatile rutelos sunt modoste in paramtere.

- a) sã se stabileascá im ce masurá cerevile pot fi satisfácute.
- b) Presupernem cà se creste copacitates rute: (6,8) cu 7 u. Côt va f. valvorer fluxulu em acest co2?
- c) In plus faté de punctul (b) se cripte et copacitates rute: (7,6) cu Determinaty mous valore a fluxului.
- m relia sa fil marin.

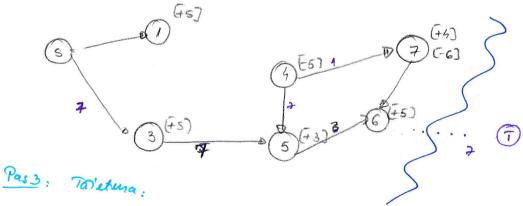




$$6 \rightarrow 1 \rightarrow 7 \rightarrow 7 \qquad f = 2$$
,
 $5 \stackrel{10}{\rightarrow} 1 \stackrel{G}{\rightarrow} 4 \stackrel{13}{\rightarrow} 7 \stackrel{7}{\rightarrow} 7 \qquad f_{2} = 6$
 $5 \stackrel{1}{\rightarrow} 1 \stackrel{3}{\rightarrow} 1 \stackrel{3}{\rightarrow} 1 \stackrel{7}{\rightarrow} 7 \stackrel{7}{\rightarrow} 7 \qquad f_{3} = 3$
 $5 \stackrel{16}{\rightarrow} 2 \stackrel{G}{\rightarrow} 1 \stackrel{1}{\rightarrow} 7 \stackrel{7}{\rightarrow} 7 \stackrel{7}{\rightarrow} 7 \qquad f_{5} = 2$
 $5 \stackrel{1}{\rightarrow} 2 \stackrel{1}{\rightarrow} 1 \stackrel{7}{\rightarrow} 1 \stackrel{$

$$\overline{\Phi} = \frac{10}{2} fi = 33 \text{ u.f.}$$

Pas 2: Metode de marcore



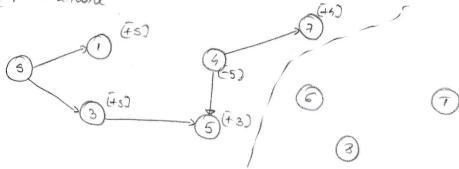
(7,T), (7,8), (6,8), (5,8)

cu rosu

Pasi: Rute.

 $\overline{\Phi} = \overline{\Phi}_{\alpha} + f_{ii} = 36 \text{ u.s.}$

Pasz: mancone



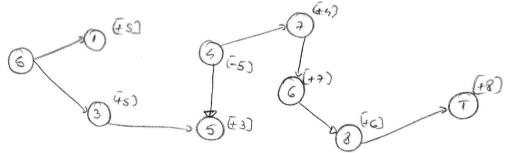
Pass: Taletura:

$$(7,7)$$
, $(7,8)$, $(7,6)$, $(5,6)$, $(5,8)$

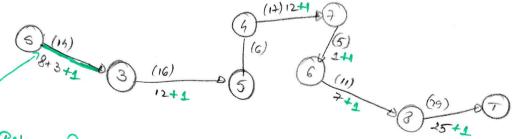
C - cu vende

Pas 1: Rule

Pasz: choncone:



53,34,5445,7436437 7=1



 $\frac{1}{2541}$ $\frac{1}{2541}$ $\frac{1}{2541}$ $\frac{1}{2541}$ $\frac{1}{2541}$ $\frac{1}{2541}$ $\frac{1}{2541}$ $\frac{1}{2541}$

Relace Parl:

Se saturnas
$$5 \rightarrow 3$$
 $\frac{3}{3}$, $\frac{5}{5} \rightarrow 4$ $\frac{4}{5}$, $\frac{3}{7}$ $\frac{3}{5}$ $\frac{3}{5}$ $\frac{3}{7}$ $\frac{3}{7}$

= = 39 mg.

(d) 69 (1,7) on in san 6 / (1,4) on in.