

Porpose  $u.4 = v.h + 1, c_{\ell}(\mathbf{u}, 0) > 0$ 

INITIALIZARE PREFLUX(G, n, t)
for vevdo

vh=0 v.e=0for (u,v)  $\in E$  do

[u,v). f=0 v.h=|v|for  $v \in Ady[v]$  do (v,v). f=c(v,v) v.e=c(v,v) v.e=c(v,v)

PORPARE (u,v)  $\Delta_{f}(u,v) = \min \{u,v\}, R_{f}(u,v)\}$ if  $(u,v) \in E$  then  $(u,v), f = (u,v), f + \Delta_{f}(u,v)$ else  $(v,u), f = (v,u), f - \Delta_{f}(u,v)$   $u.e = u.e - \Delta_{f}(u,v)$   $v.e = v.e + \Delta_{f}(u,v)$ INALTARE (u) $u.h = 1 + \min \{v,h|(u,v) \in E_{f}\}$ 

POMPARE\_PREFLUX(6,0,1)
INITIALIZARE\_PREFLUX(6,0,1)
while TRUE

0 (U2, E)

if 3 n \$40,71 \ M. 2 > 0 \ C\_f(4,0) > 0 \ M.h = 0.17+1 then
PORPARE (M, 0)
continue

if En \$10th A u. 0 > [u. 4 \le v. 9 | \forev. | |u.v) \in Efter,

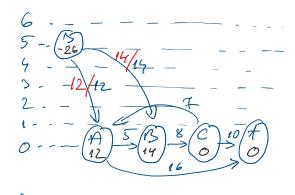
NALTARE (u)

break

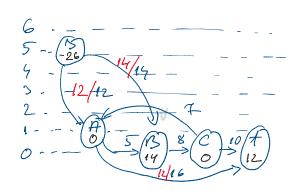
12 B 7 10 7 10 7 10 8 3 B 8 3 B

5 - -

INALTARE (A) -> A.A=1



INALTARE 
$$(A) \rightarrow A.h = 1$$
  
POMPARE  $(A,+) \rightarrow |A.l = 0$   
 $|+.l = 12$ 



INALTARE (B) 
$$\rightarrow$$
 B.  $f=1$ 

POMPARE (D, C)  $\rightarrow$  B.  $l=6$ 

C.  $l=8$ 

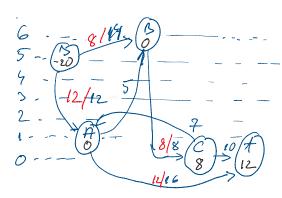
INALTARE (B)  $\rightarrow$  B.  $l=6$ 

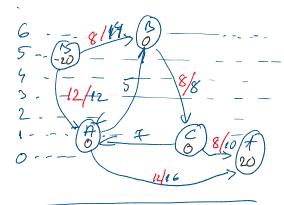
POMPARE (B, S)  $\rightarrow$  B.  $l=6$ 

POMPARE (B, S)  $\rightarrow$  B.  $l=0$ 

D.  $l=-20$ 

PORPARE (A. +) > A. C= 6 (A. C= 5 PORPARE (A. +) > LA. C= 0 +. C= 12





1/x/- 20

## 0(03)

DESCARCARE (U)

While u.e > 0 do

V = u.count

if V = NIL then

INALTARE (u)

u.count = u.N. hard

else if c<sub>1</sub>(u,v) > 0 1 u.h = v.h+1 then

POMPARE (u,v)

else

if U. S = maltime vecto then

pure Mir couda lastei L

U. mext

Poorpare (MIV)
else
M. curut = M. urmatoul vegin

