Max Flow

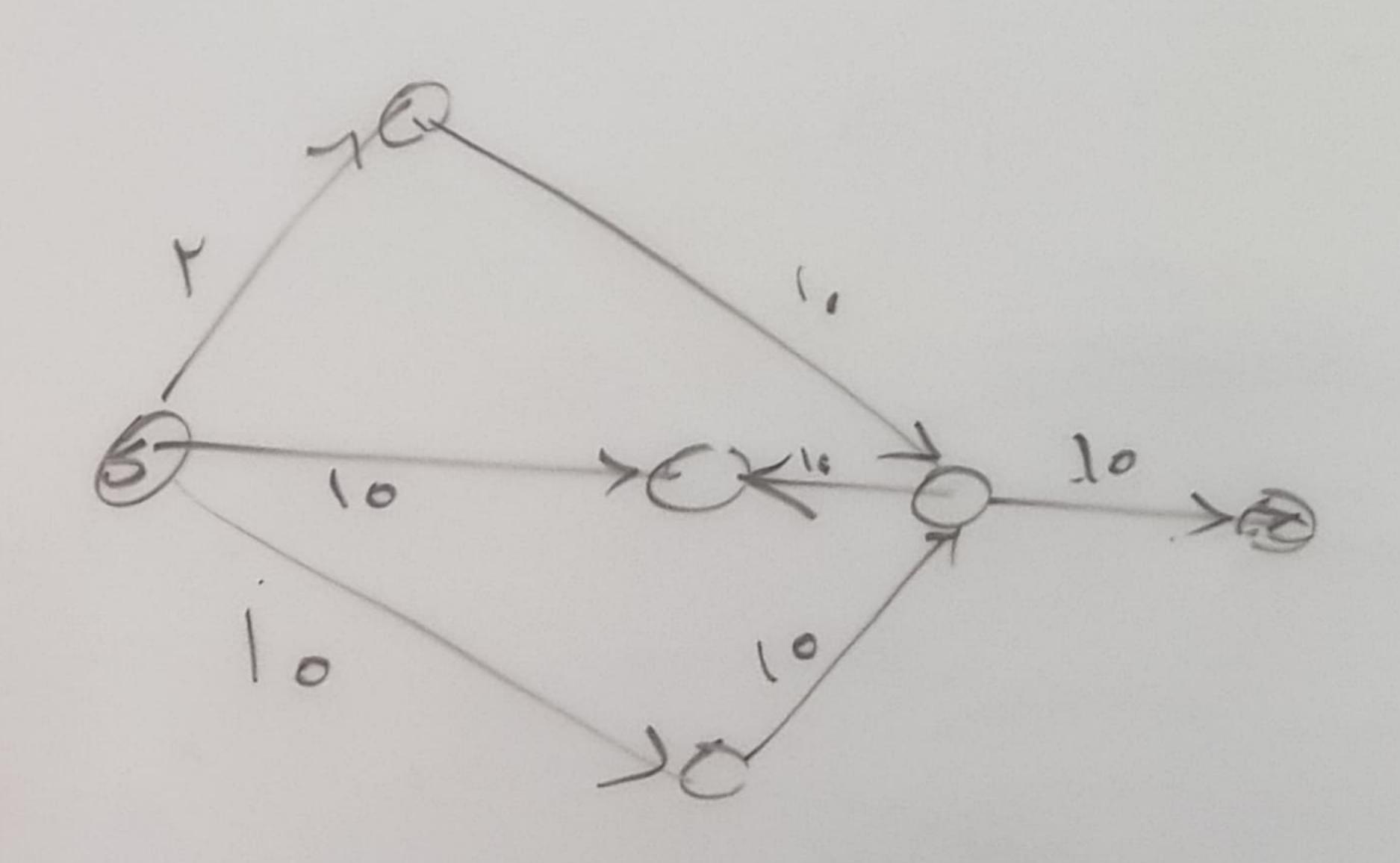
The color G=(V,E),5=3:15 f. VXV > IR U E > A C=C(u,r)=cur!)vīni,15 zinji Centelenon f(u,v) < C(u,v) () (in wind in ordination of the wing of sink source St(n'n) - Et (n'n) = 0 Adér 32 of) (2)

المان 1f1 = Zf(s,v)-Zf(v,s) Max Matching

ell pairs shortest paths

=> 12 nee

SO IN YOUR A 131 NV Proble (G=(V,E)1,5=3:1) C=C(u,v)=cur!/vin,15=in/i censeleson f. VXV > 18 US  $f(u,v) \leq C(u,v)$  () in viringer viringer viringer viringer Sink source Σf(u,v)- Σf(v,u)=0 Huer- {s,t}(p)



٥١١٥٠١١ المان الما 191 = 2 f(s,v) - 2f(v,s)

V = SUT  $t \in T$ 

G=(V,E)1,=3:1) 14 C= C(u,v)=cur !) vins, 15 = inje eurole son f. VXV->1R US f(u,v) < C(u,v) () / (u,v) () / (u,v) (u) / (u) Σξ(4,ν)- Σξ(ν,4)=0 Hyer- {s,t}( · cult ~ 5 ;1

0, ill 21 : F

مقدر عربان الجار الحالات التان التا If = Zerf(s,v)-Zer(v,s)

V = SUT  $s \in S$   $t \in T$ 

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