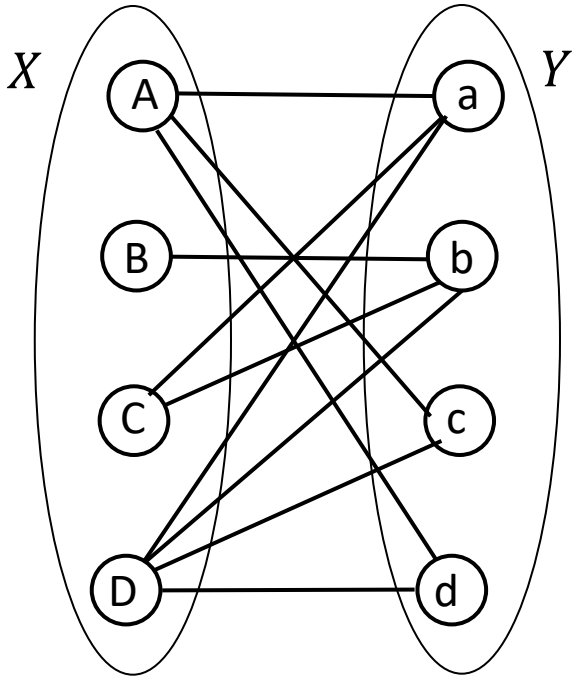
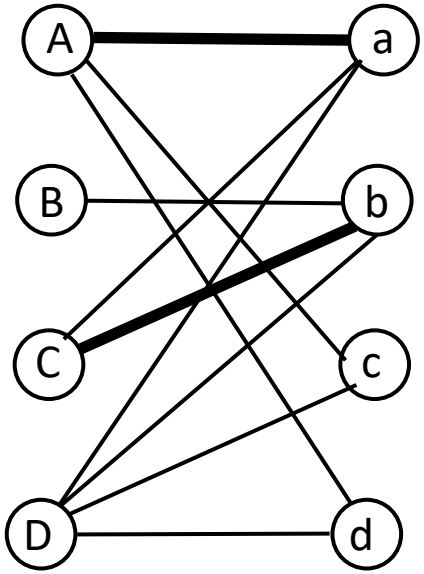
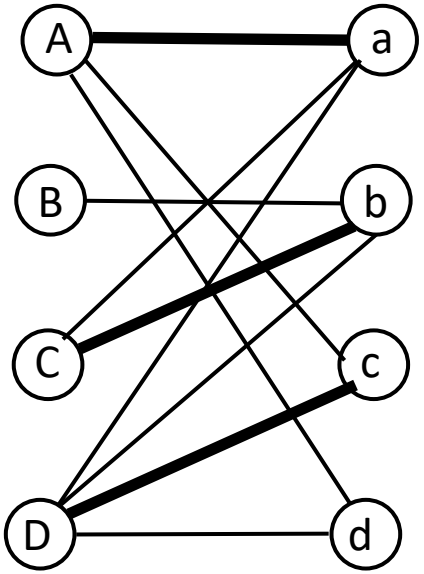


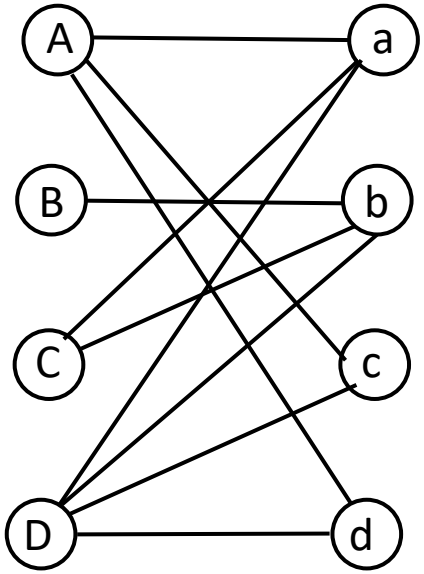
Bipartite graph G

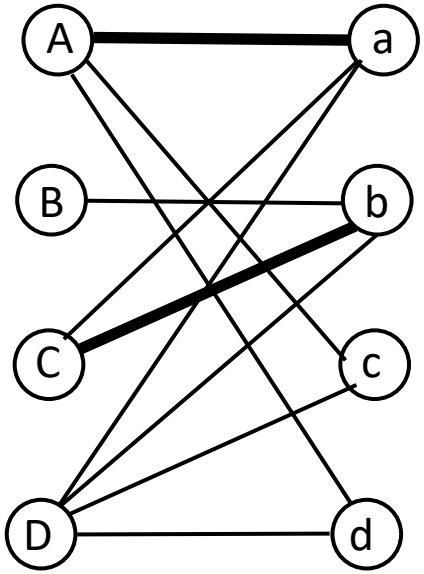


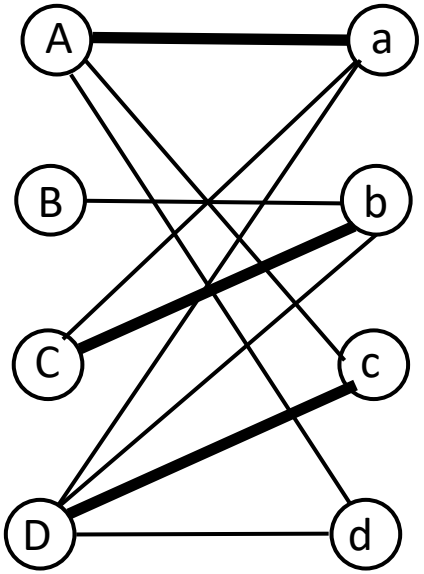
A matching of size 2

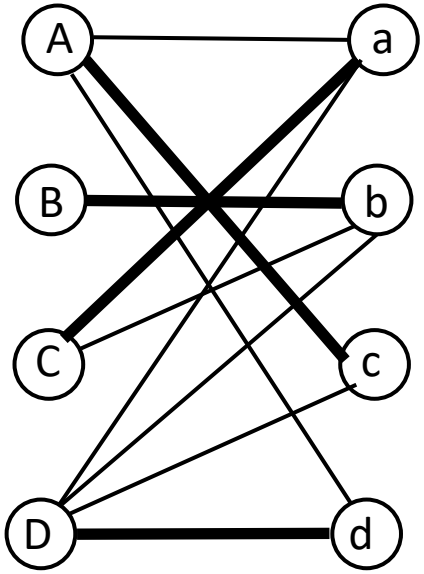


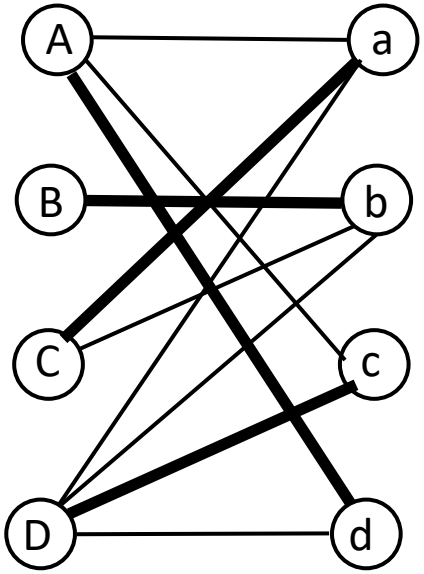
A matching of size 3 maximal, but not maximum





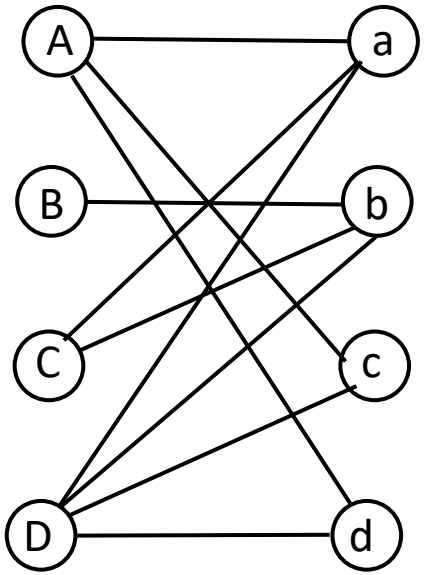




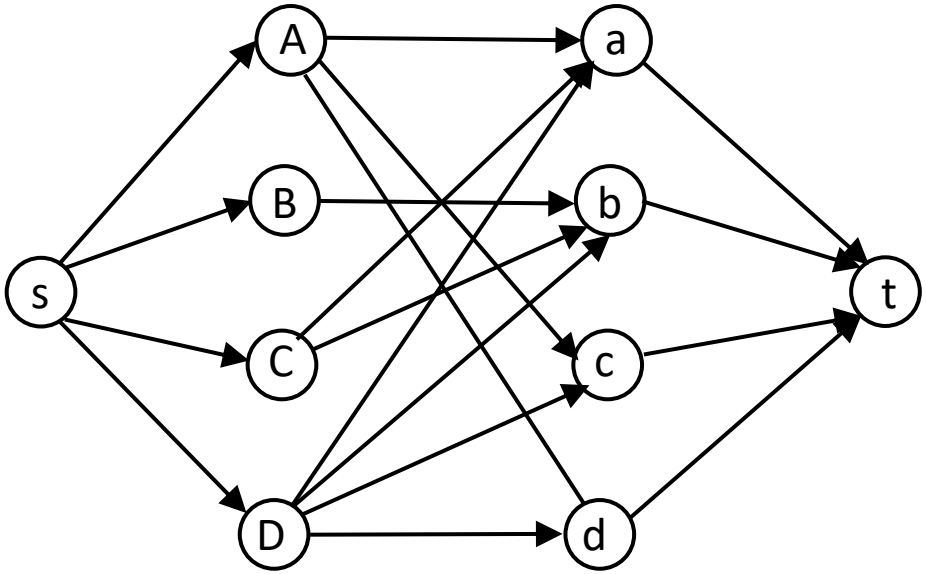


A <u>maximum</u> matching

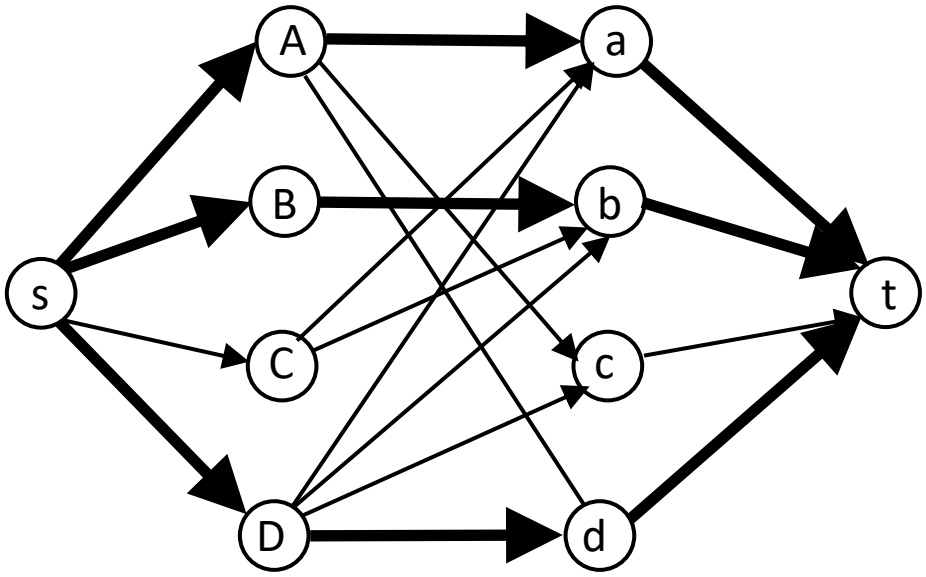
Another maximum matching



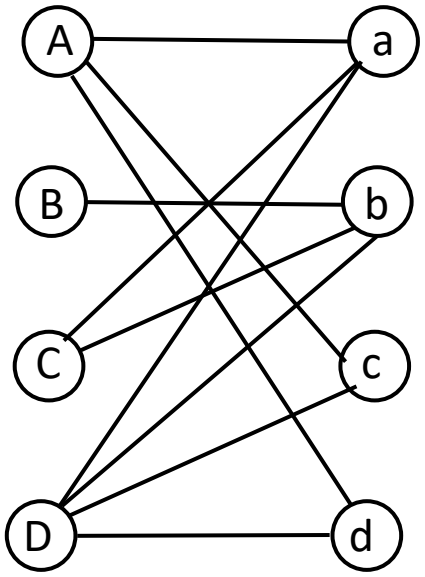
Bipartite graph G

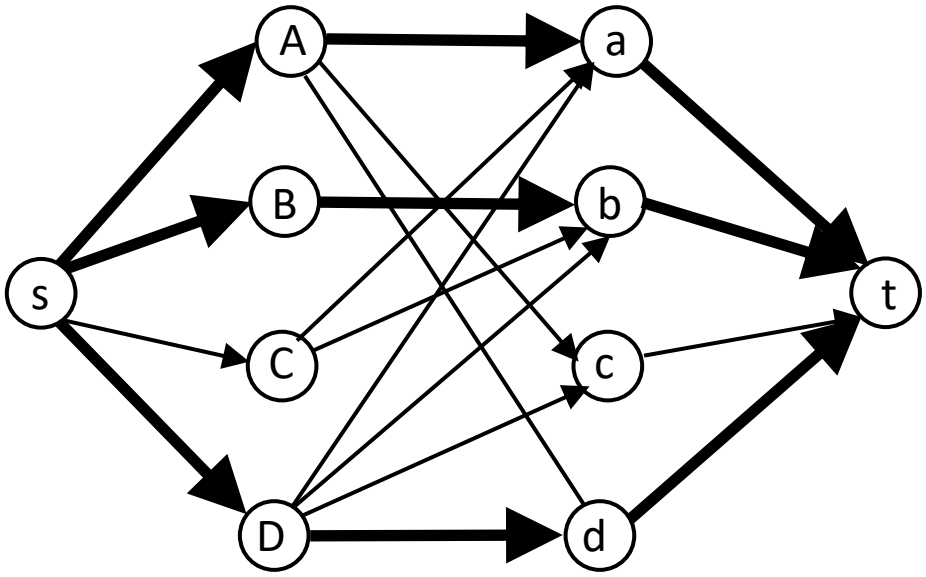


Flow network $\mathcal{F}$ corresponding to G (all capacities = 1)

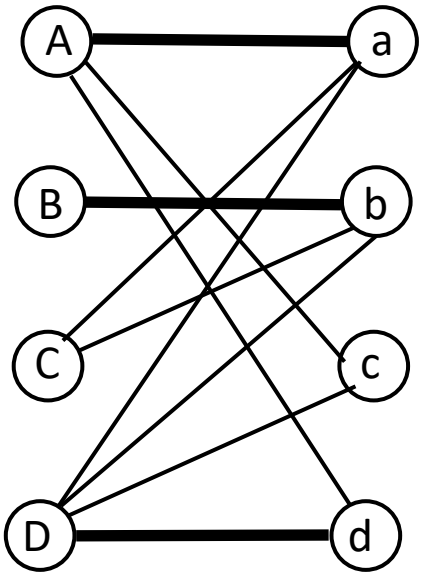


Flow
of value 3 in $\mathcal{F}$

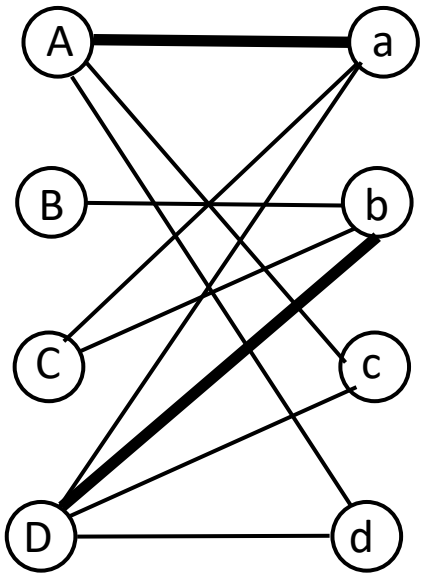




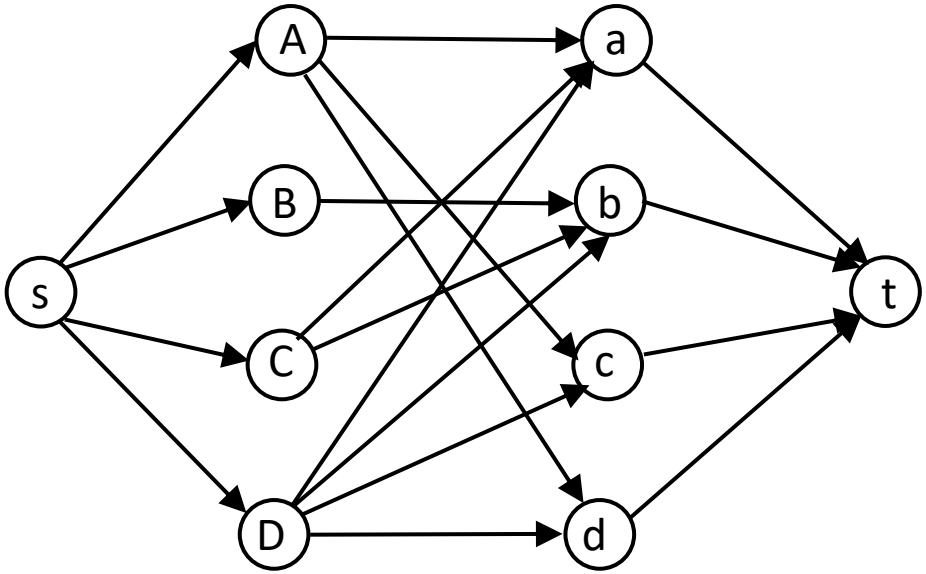
Flow
of value 3 in $\mathcal{F}$

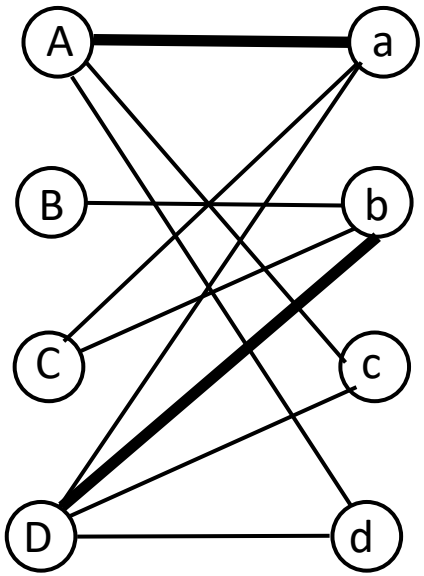


Corresponding matching
of size 3 in G

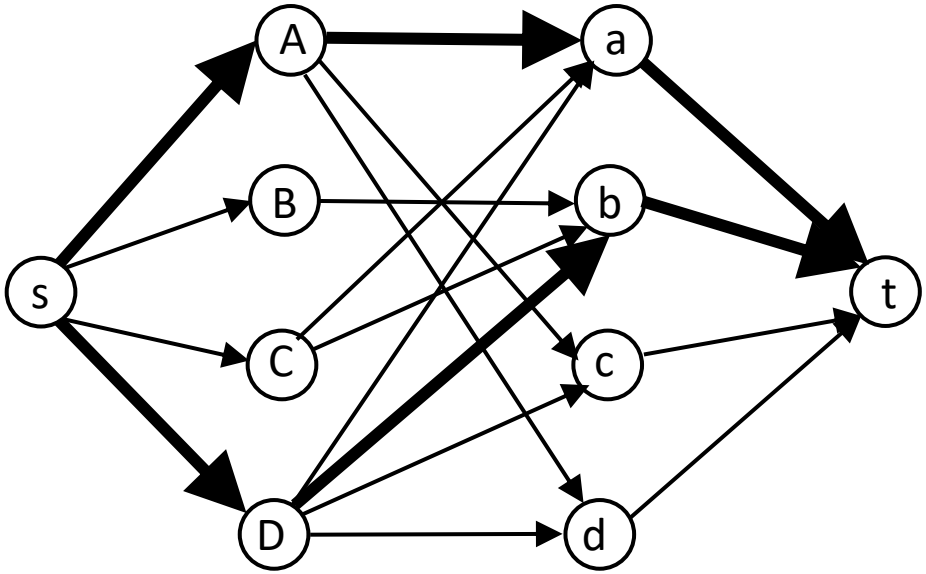


Matching
of size 2 in G



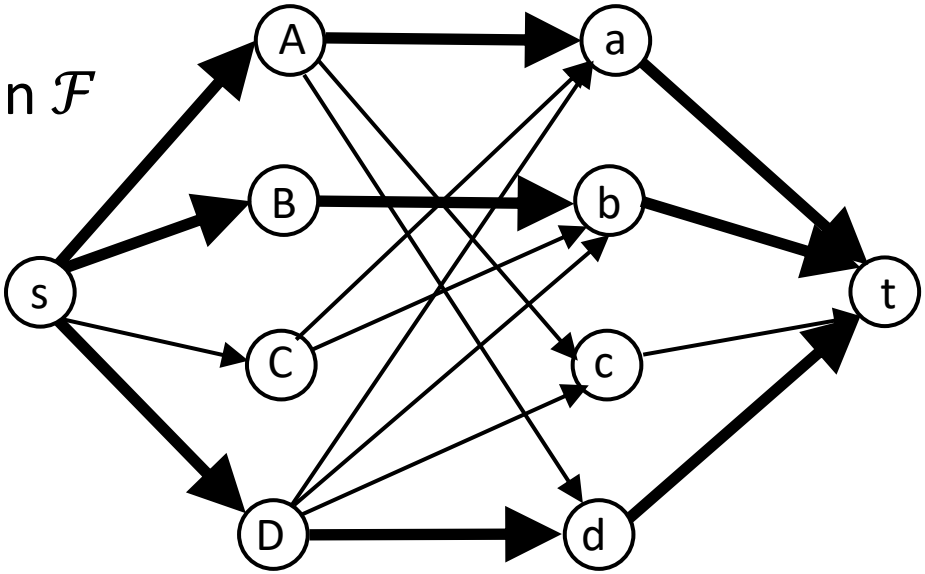


Matching
of size 2 in G

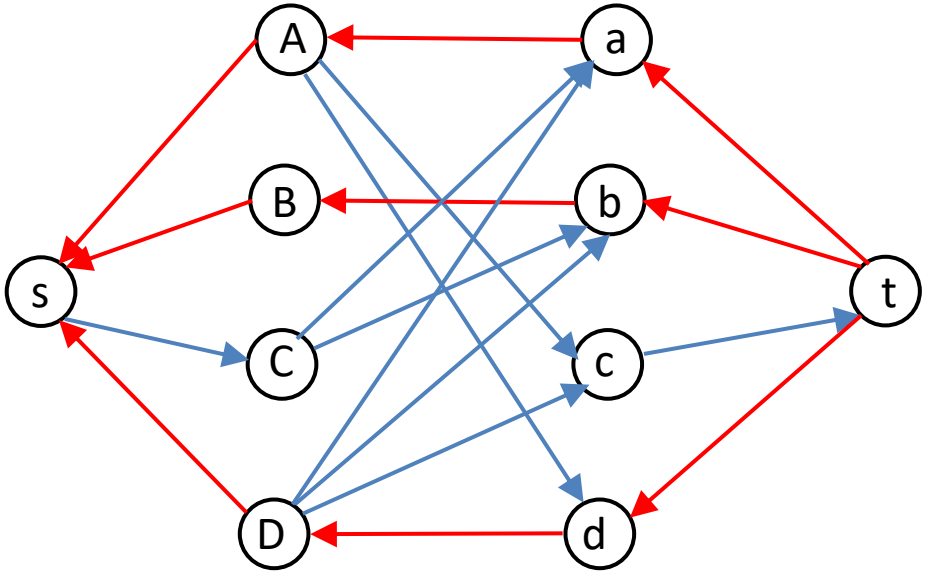


Corresponding flow
of value 2 in $\mathcal{F}$

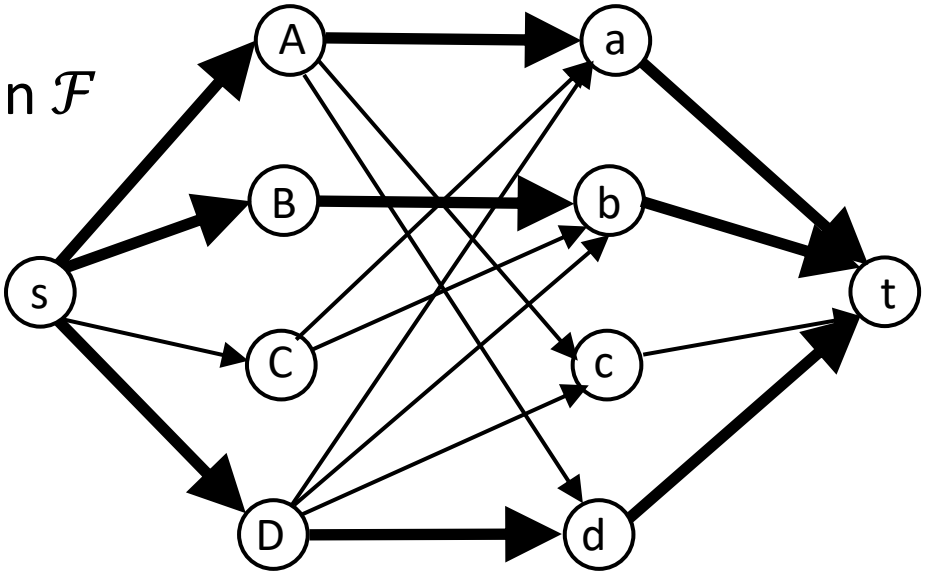
Flow
of value 3 in $\mathcal{F}$



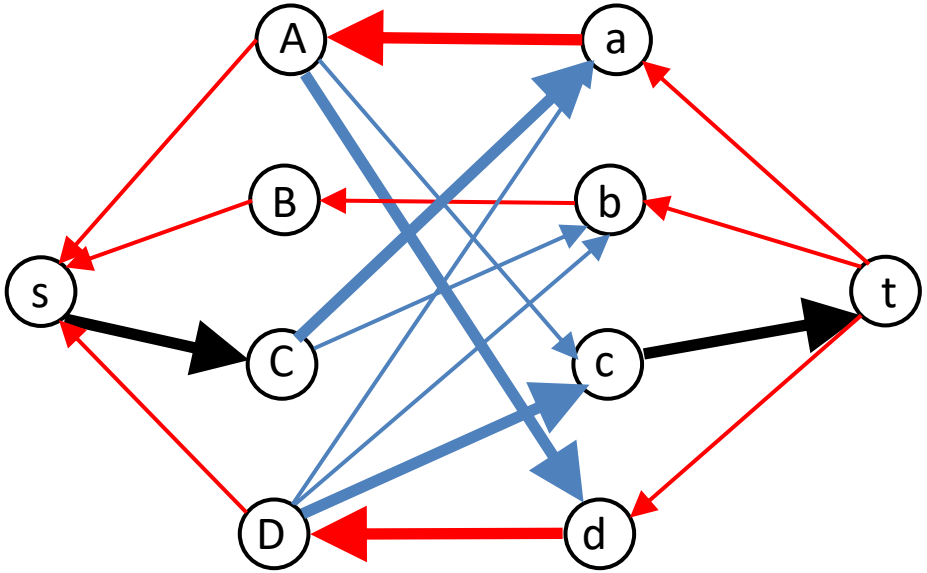
Residual graph



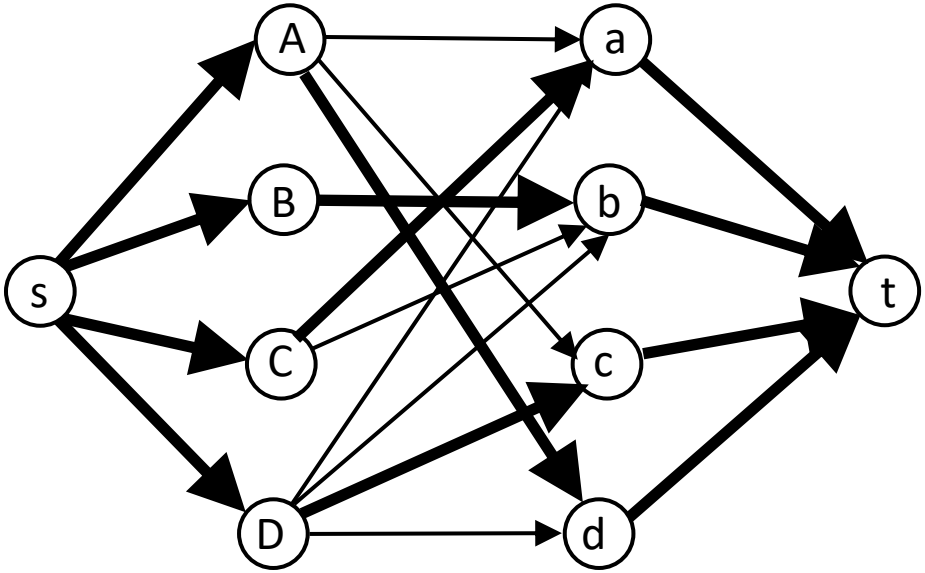
Flow
of value 3 in $\mathcal{F}$



Residual graph

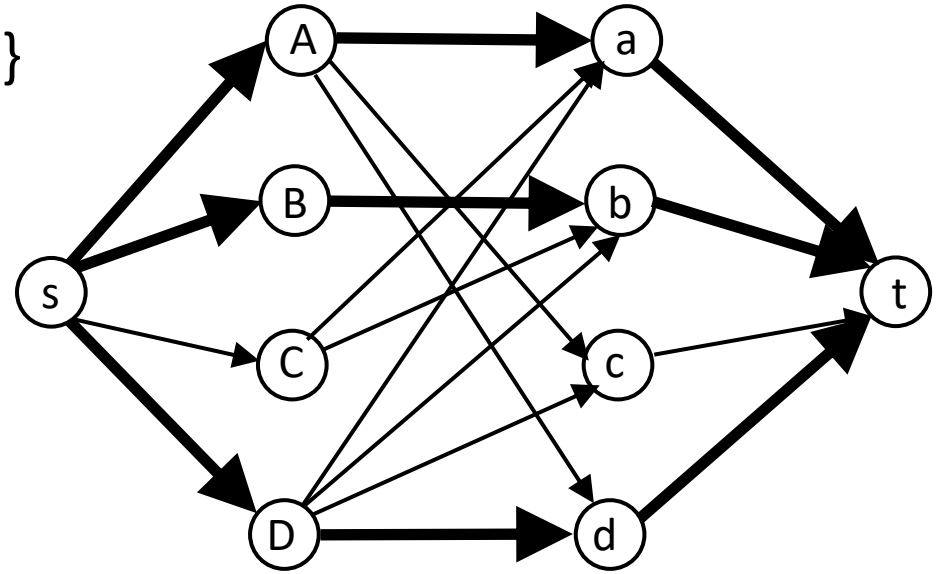


Augmented flow
of value 4 in $\mathcal{F}$

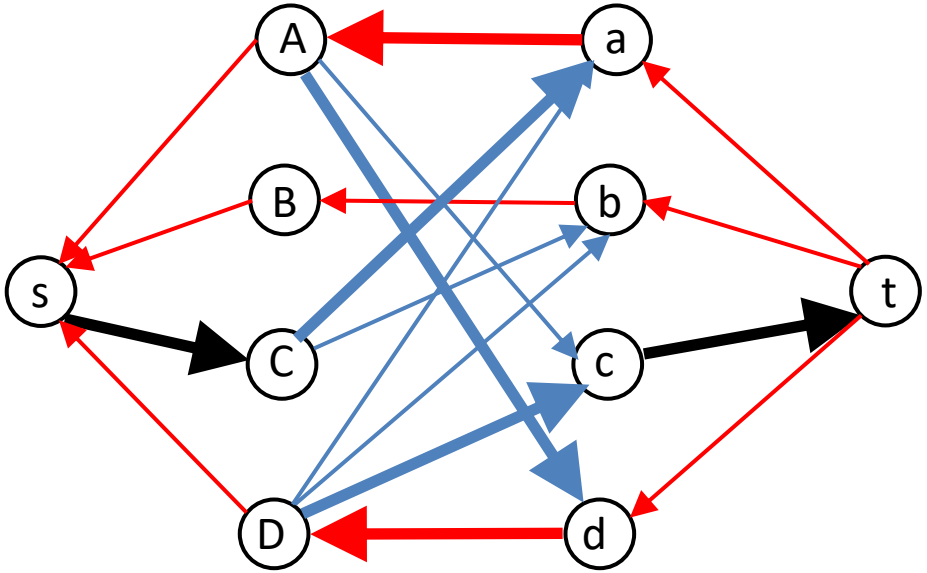


Flow of value 3 in $\mathcal{F}$

Matching = {{A,a},{B,b},{D,d}}



Residual graph



Augmented flow of value 4 in $\mathcal{F}$

Matching = {{A,d},{B,b},{C,a},{D,c}}

