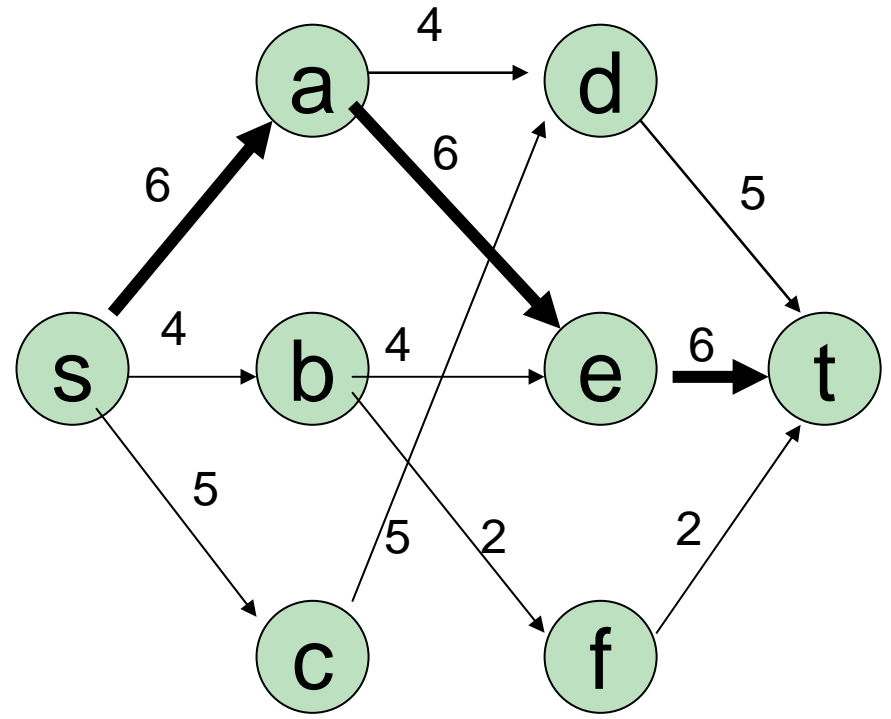
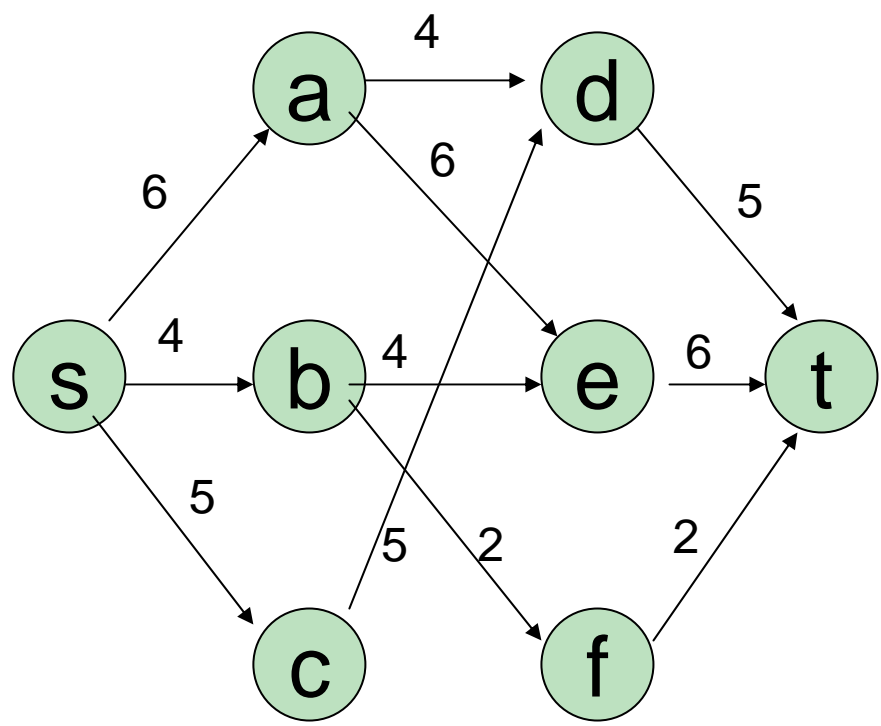
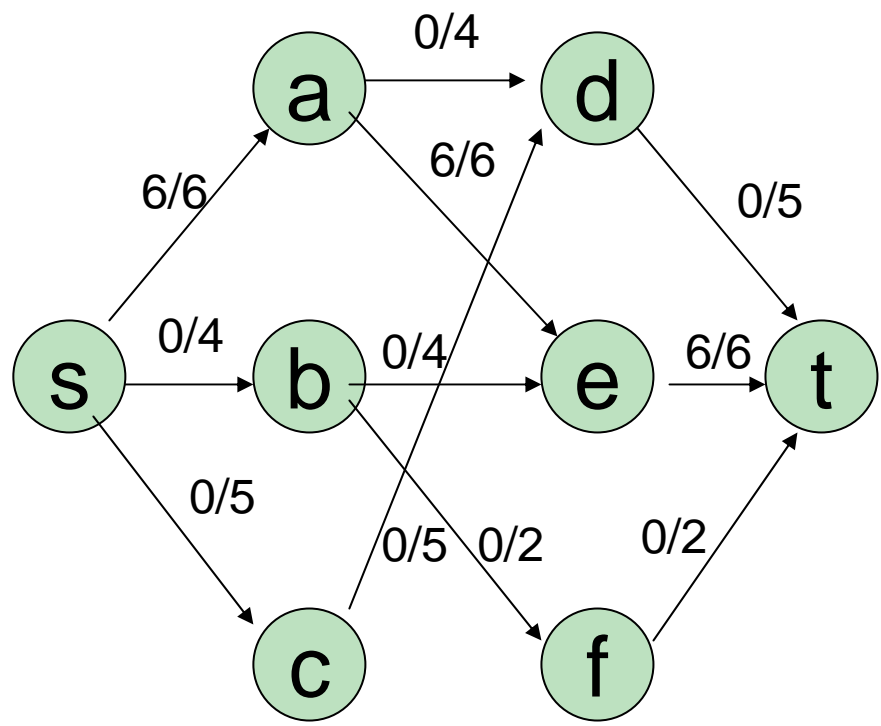


residual graph

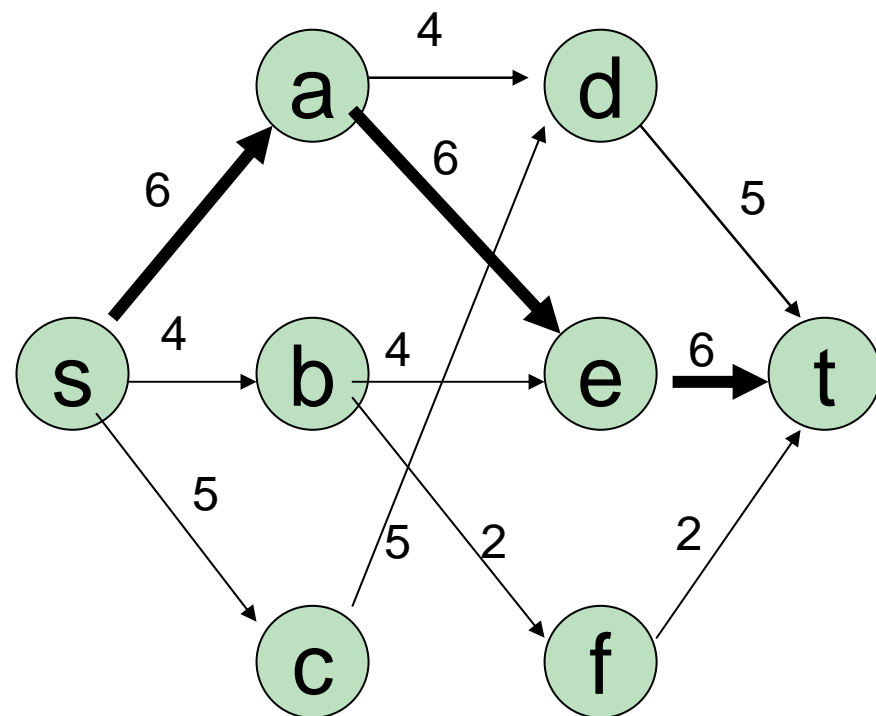


residual graph

bold path is augmenting

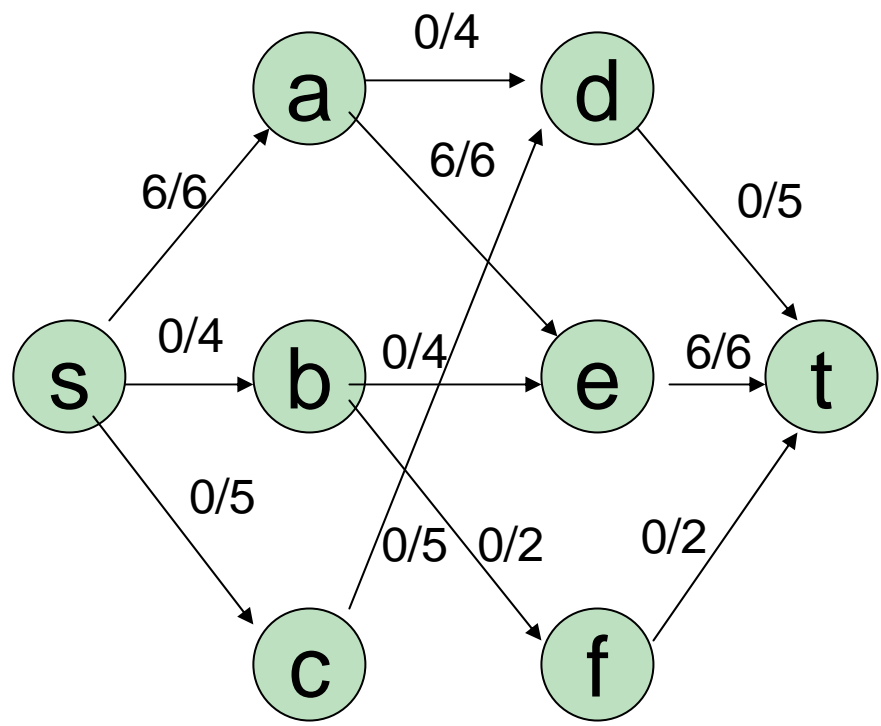


write flow / capacity

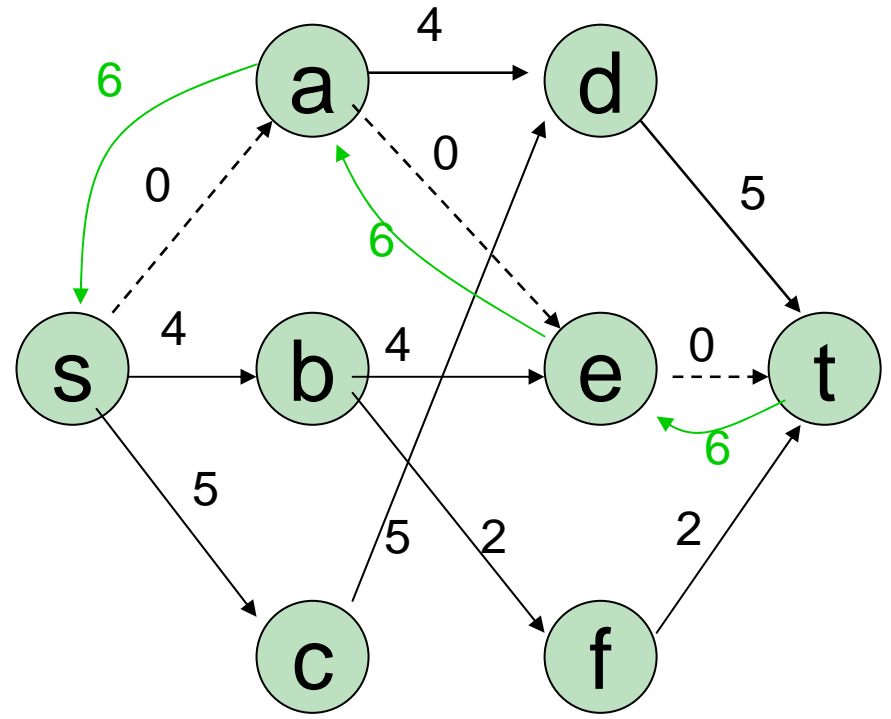


residual graph

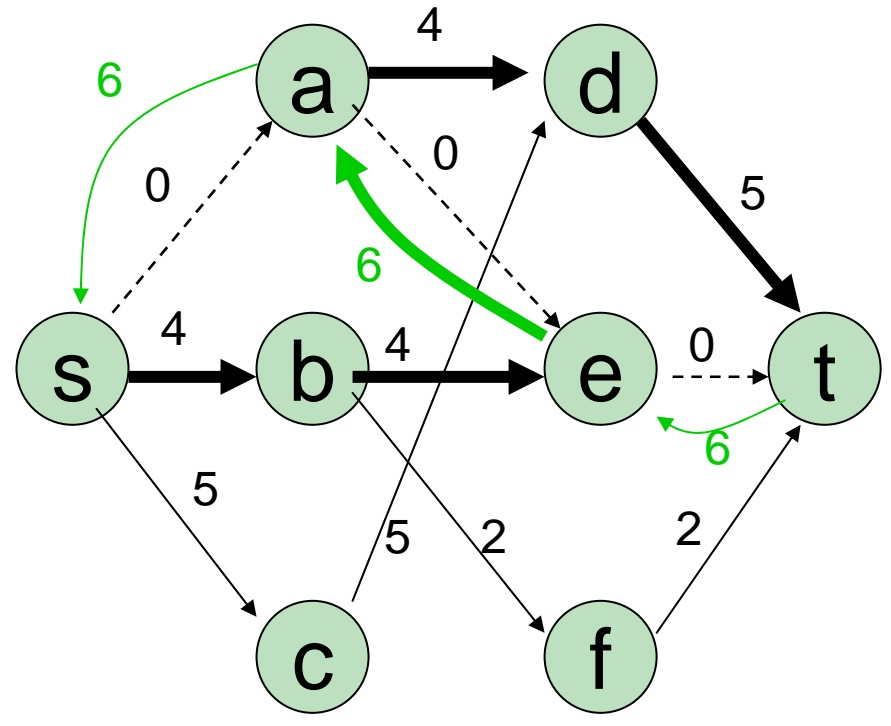
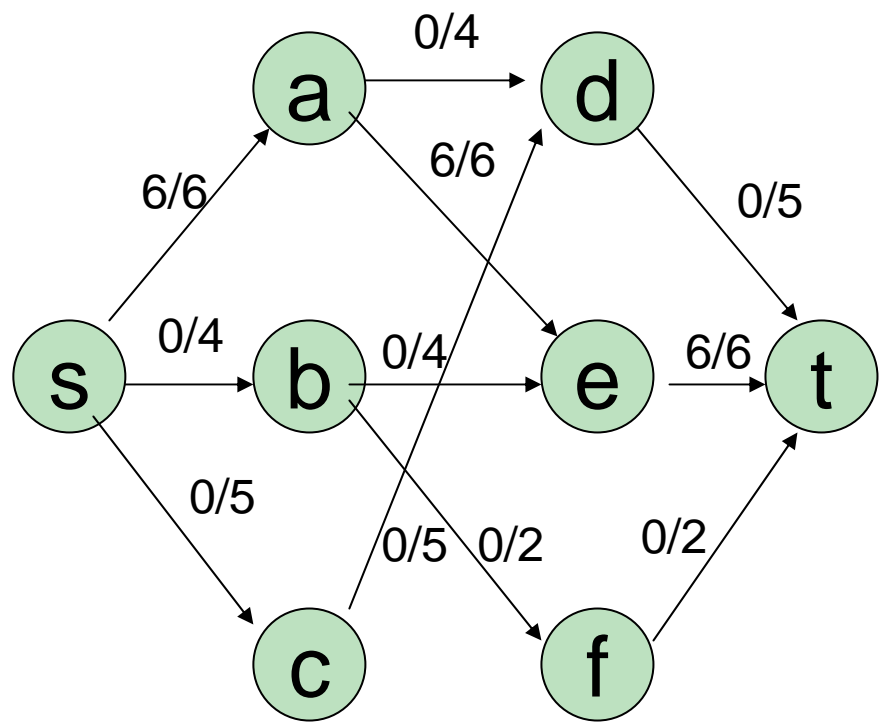
bold path is augmenting



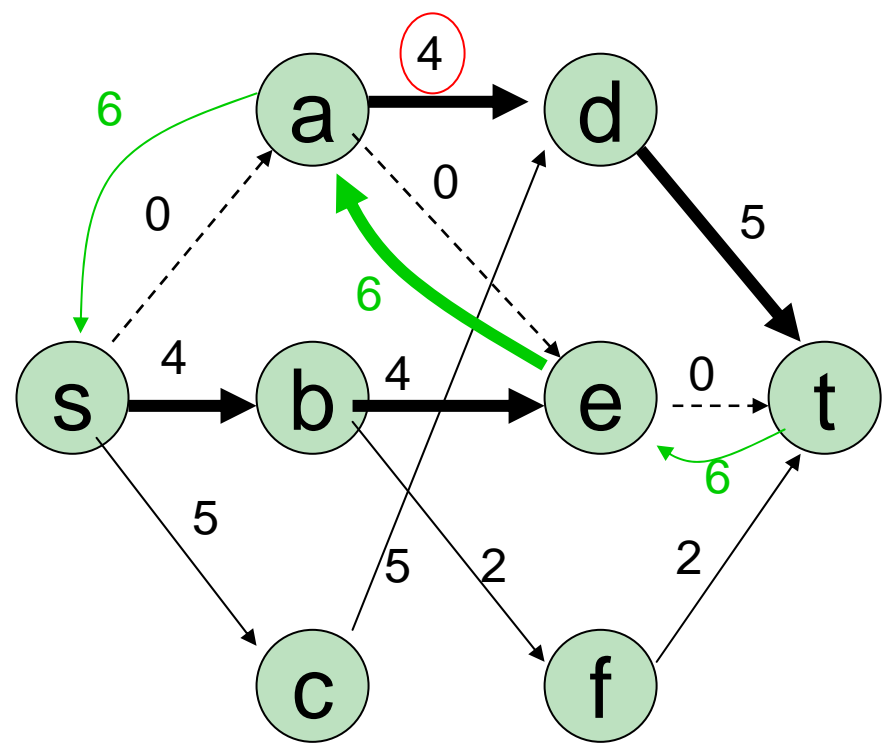
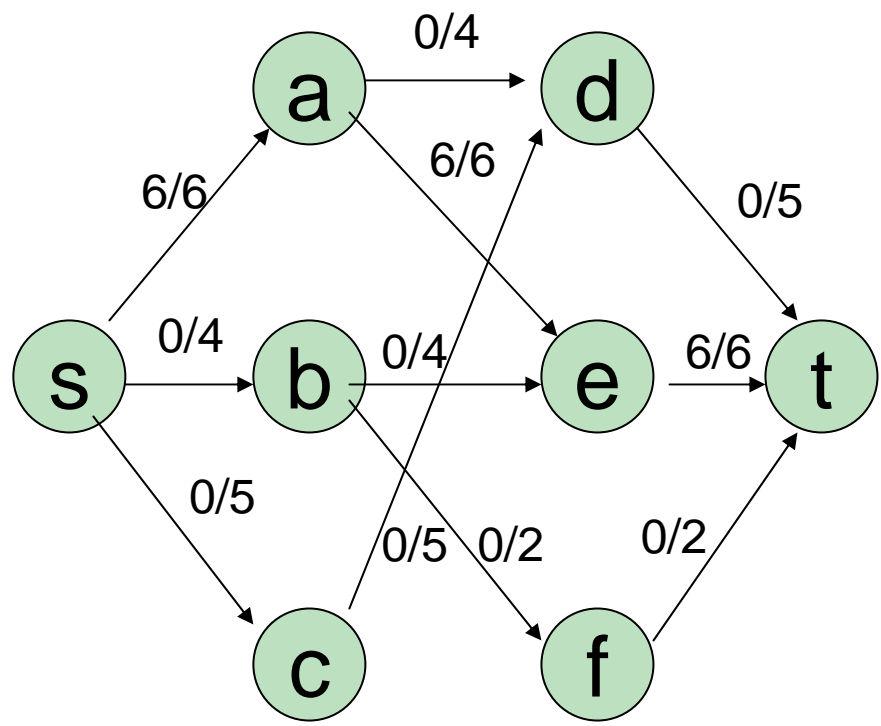
green = back edge



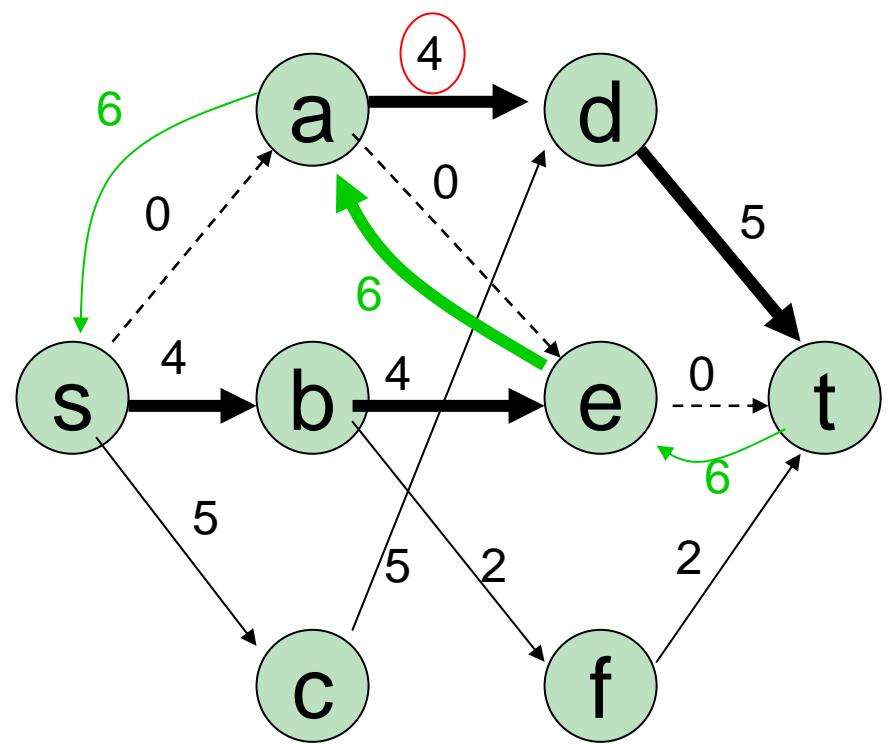
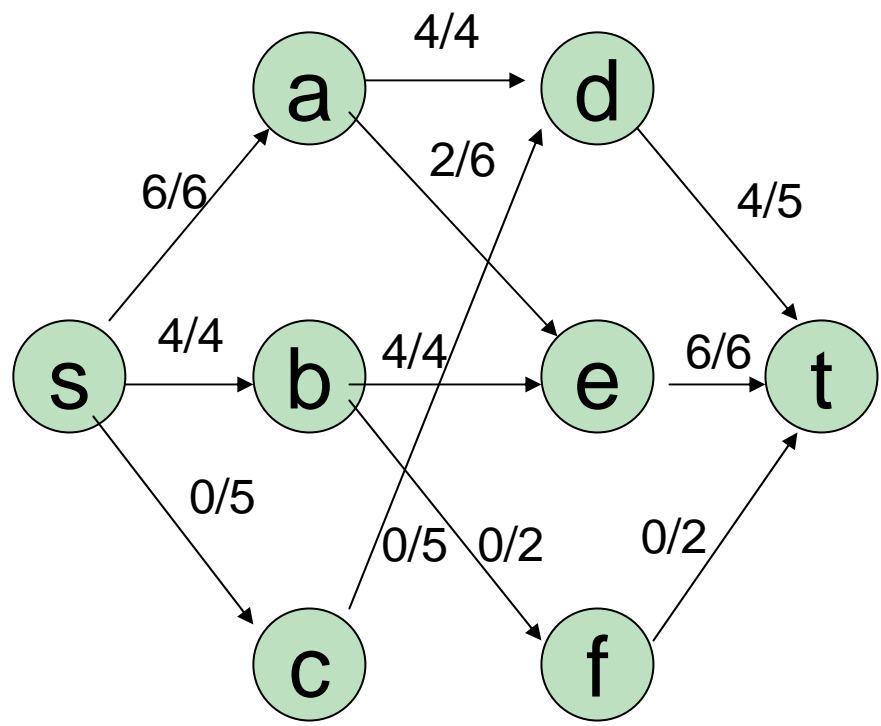
revise residual graph



bold path is augmenting

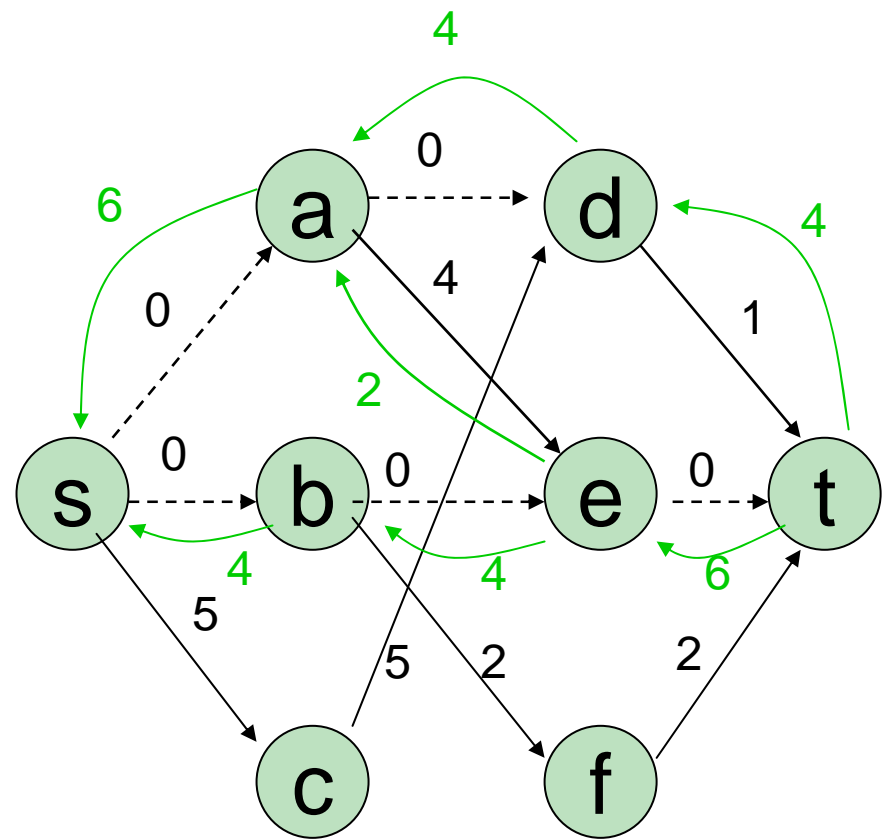
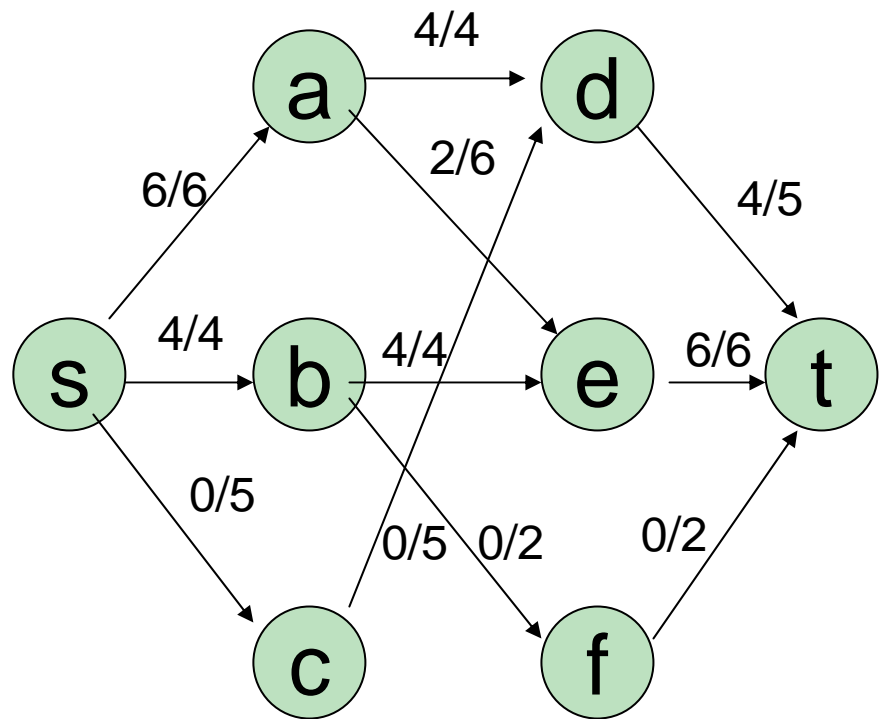


bold path is augmenting
 identify bottleneck

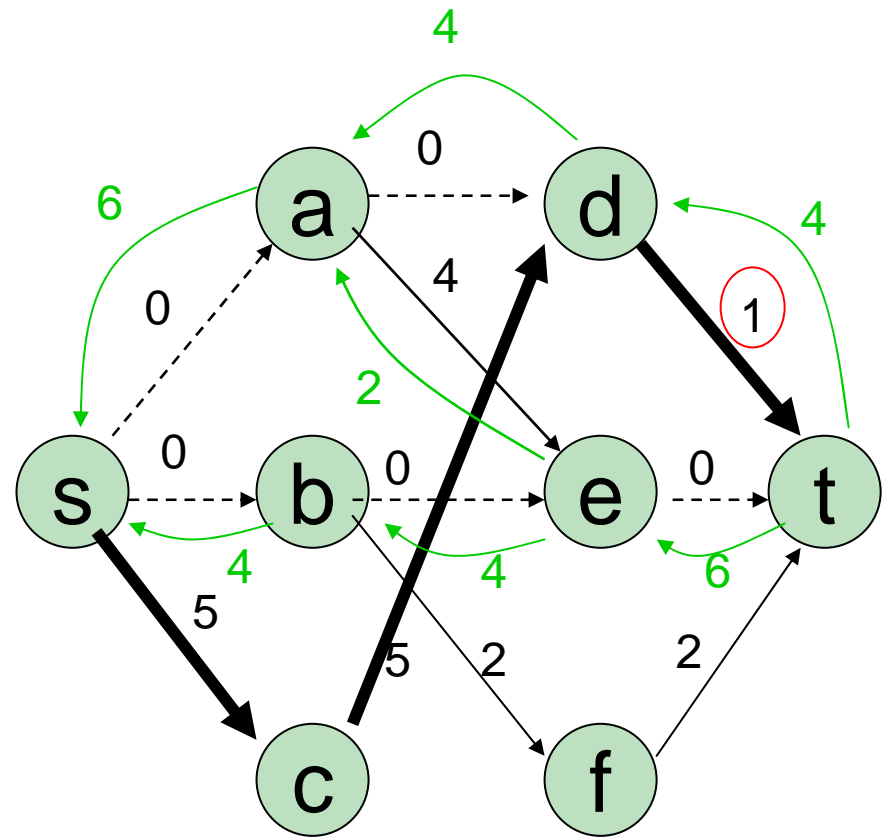
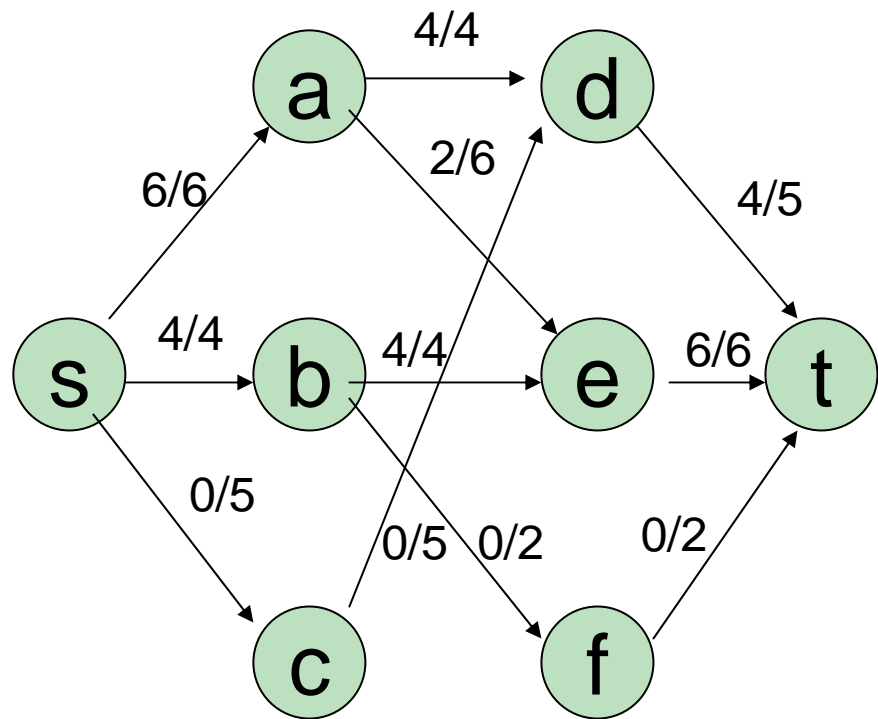


← update flow

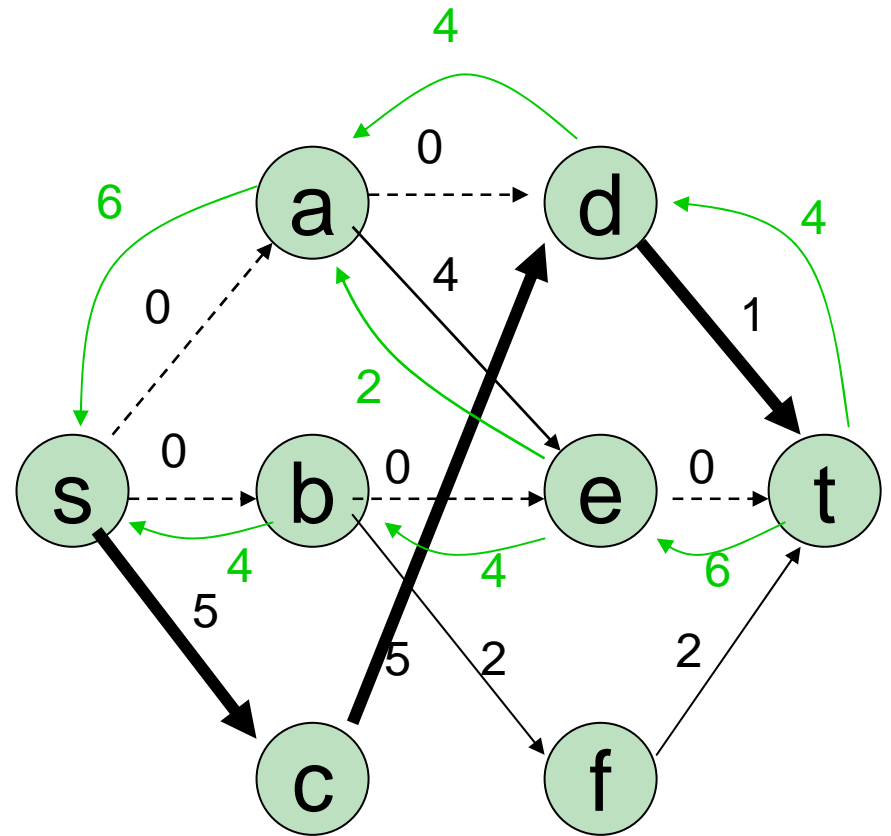
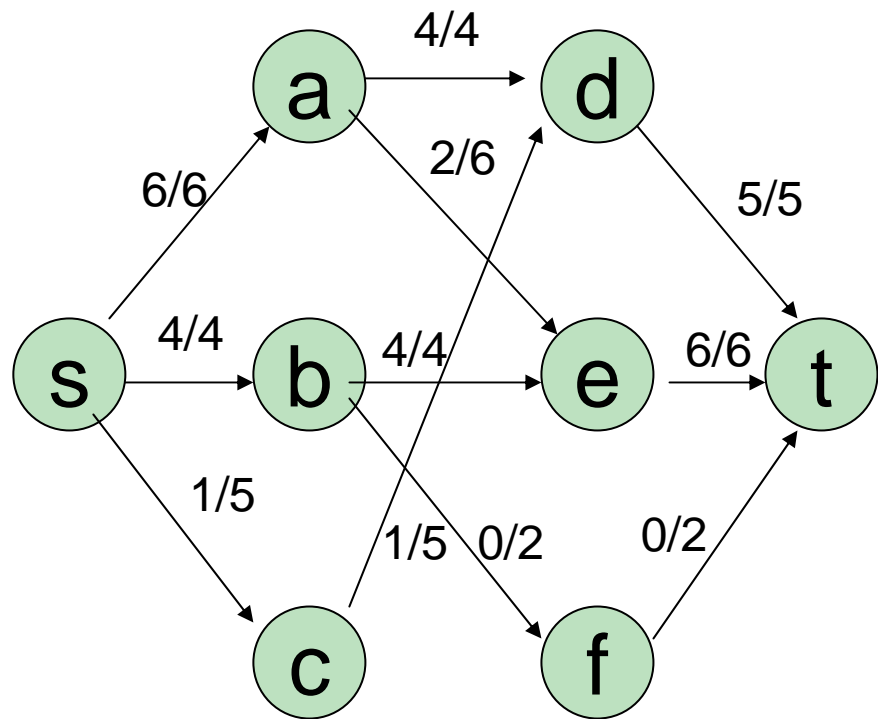
bold path is augmenting
 identify bottleneck



new residual graph

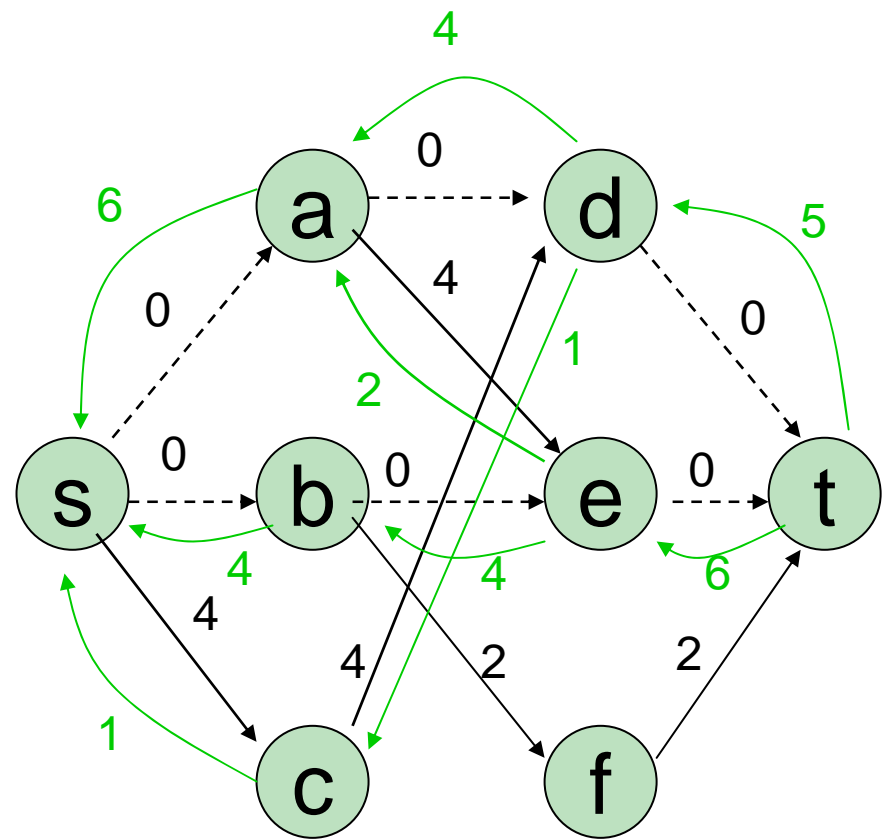
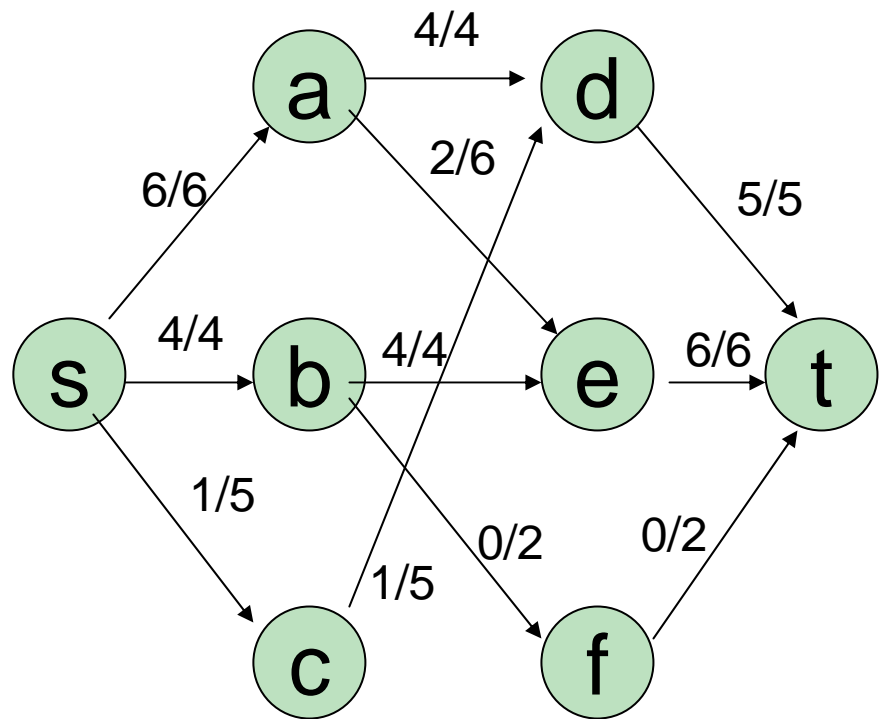


compute augmenting path
 identify bottleneck

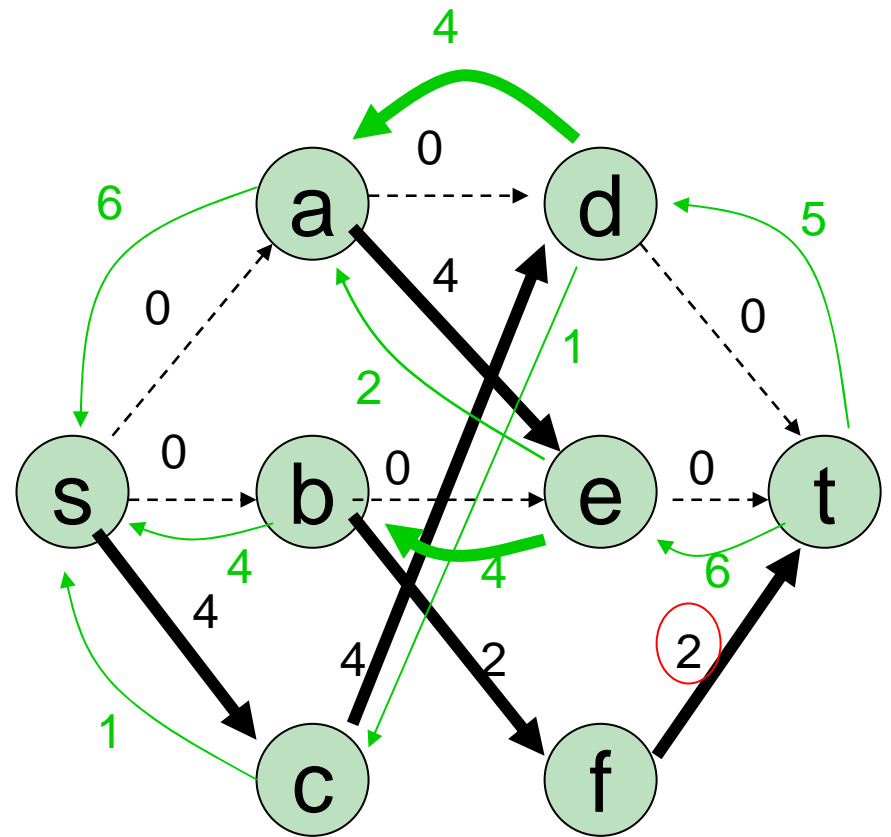
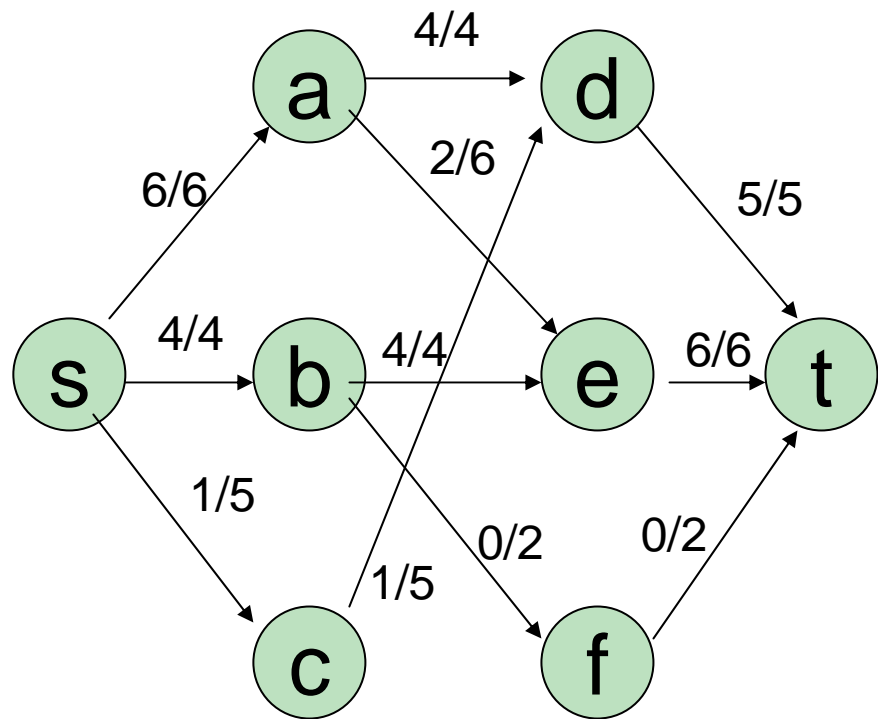


← update flow

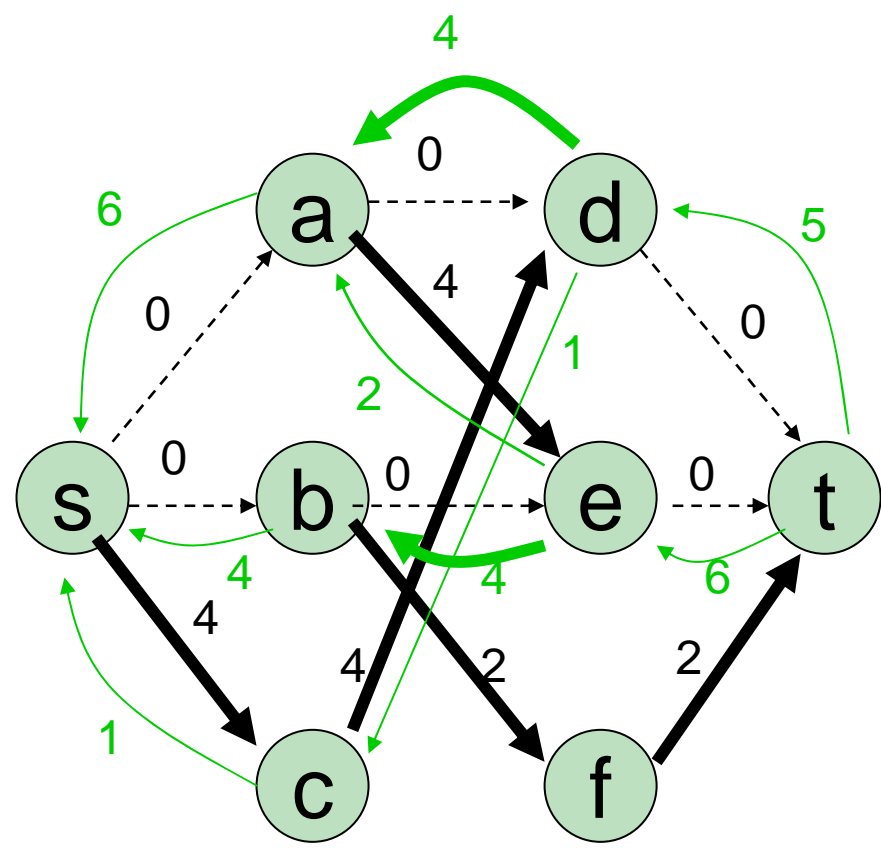
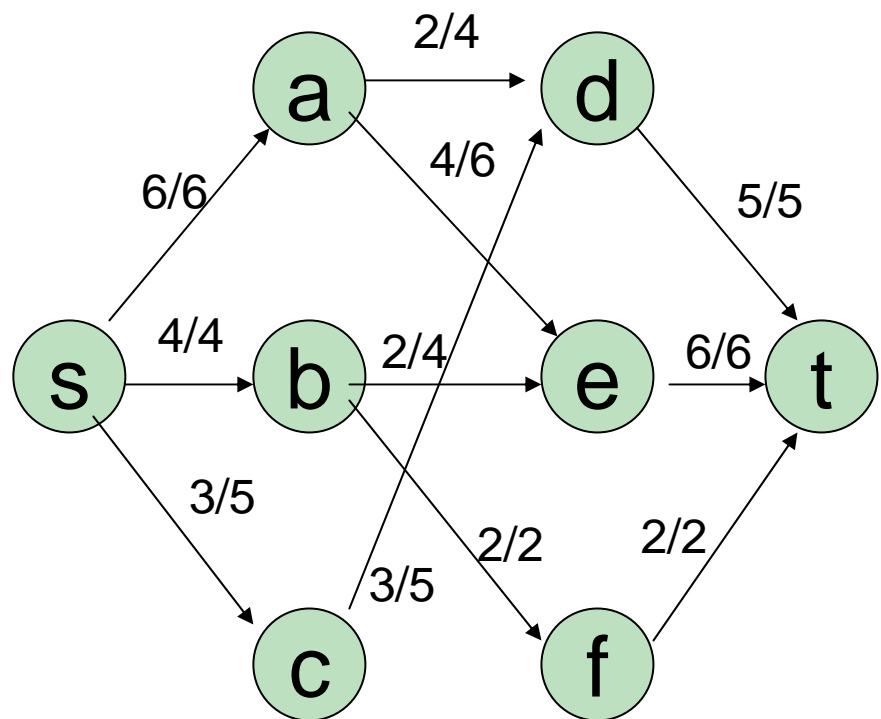
compute augmenting path
 identify bottleneck



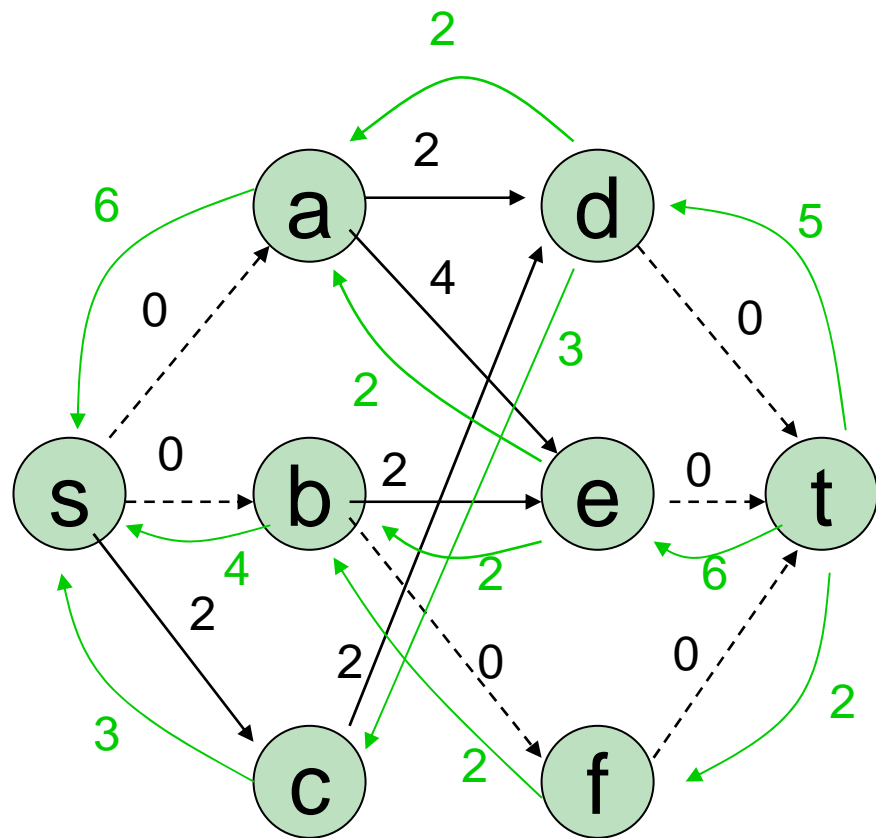
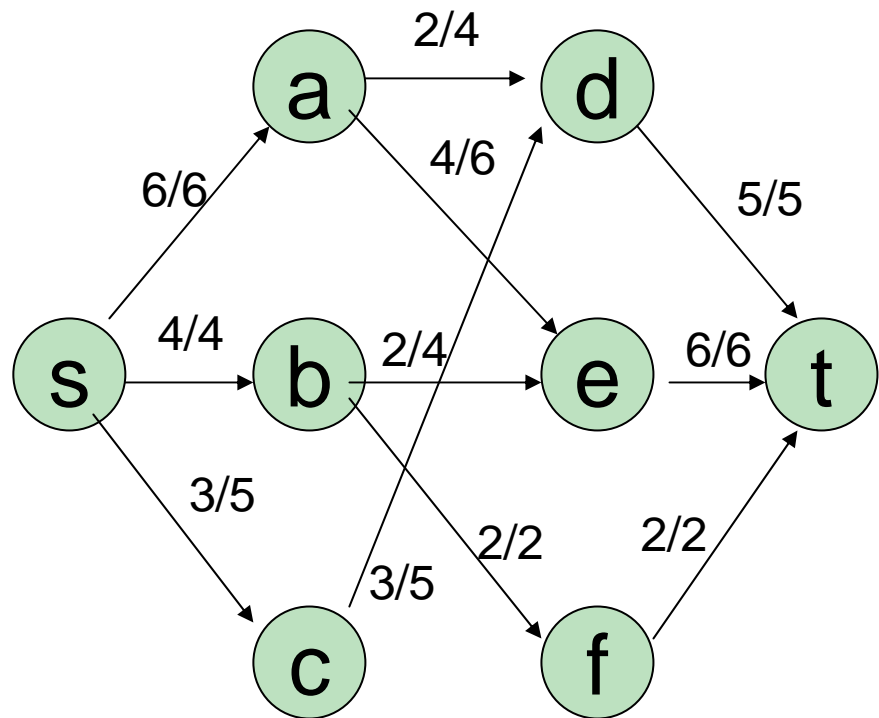
new residual graph



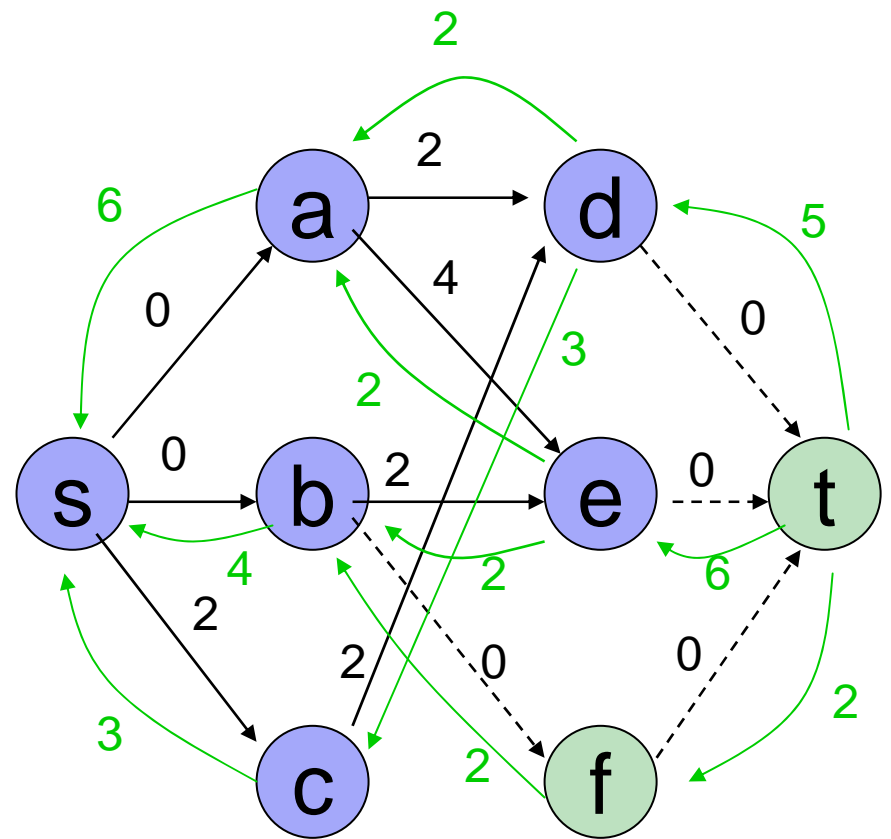
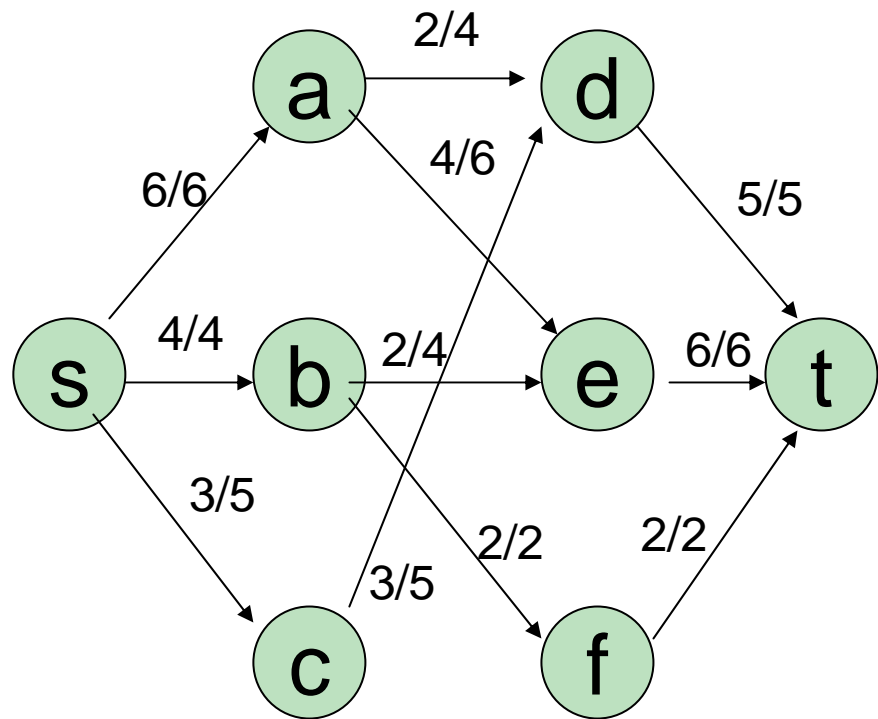
compute augmenting path
 identify bottleneck



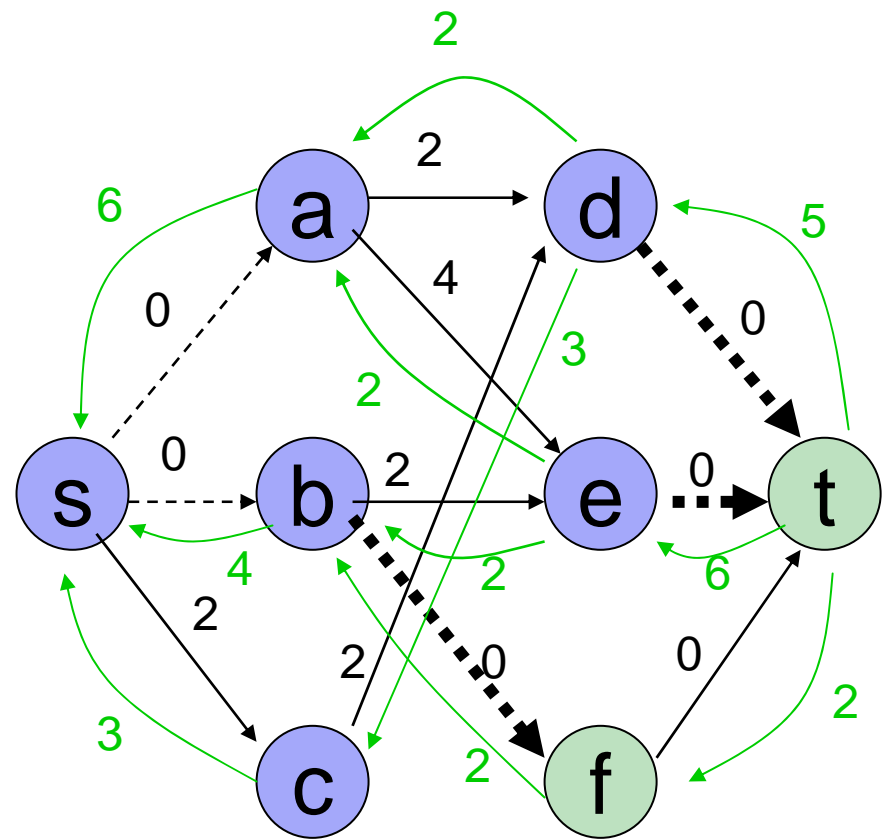
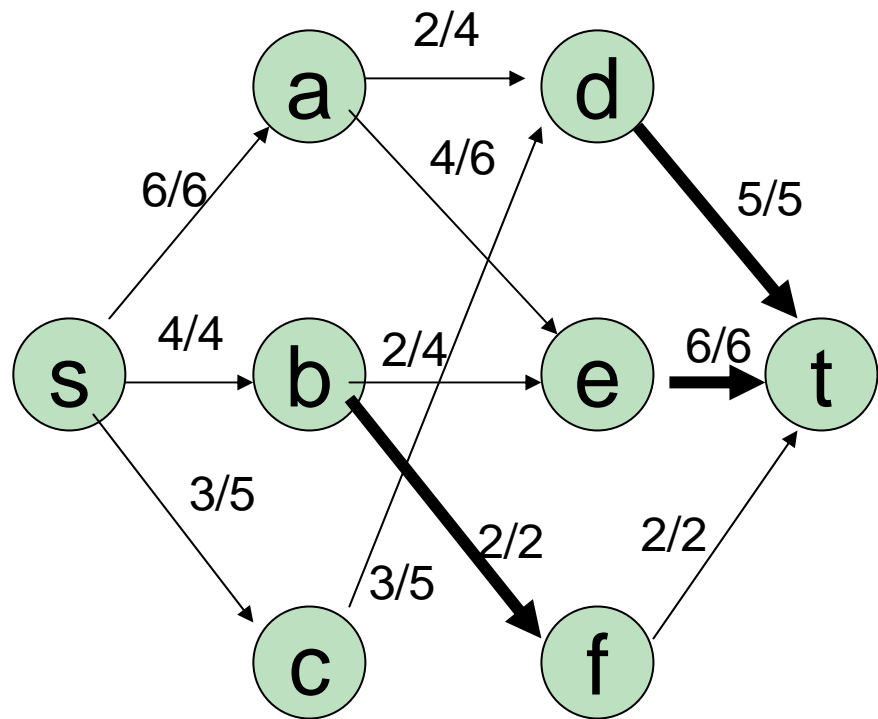
← update flow



new residual graph



nodes reachable from s in Residual Graph



edges leaving

nodes reachable from s in
Residual Graph