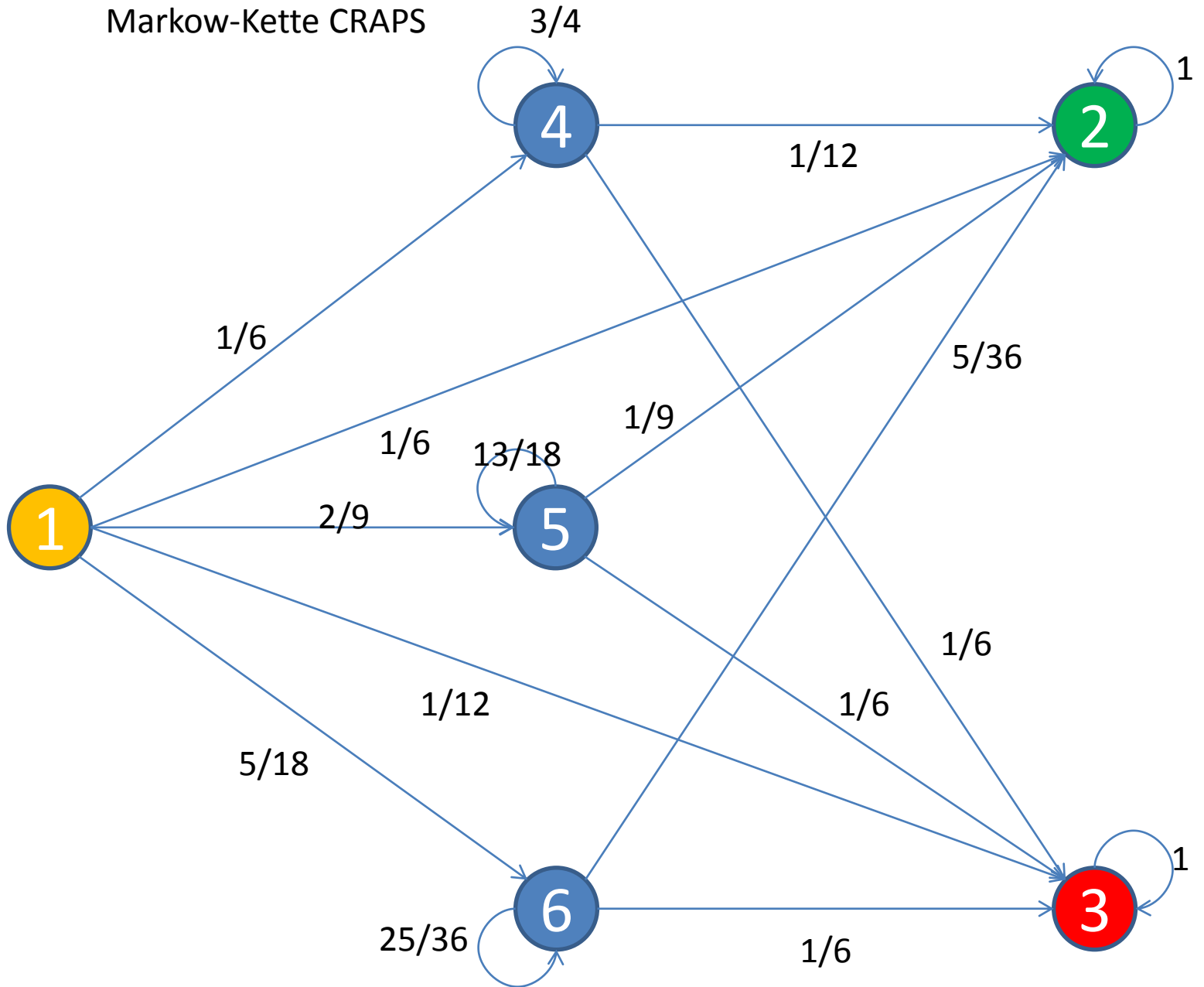
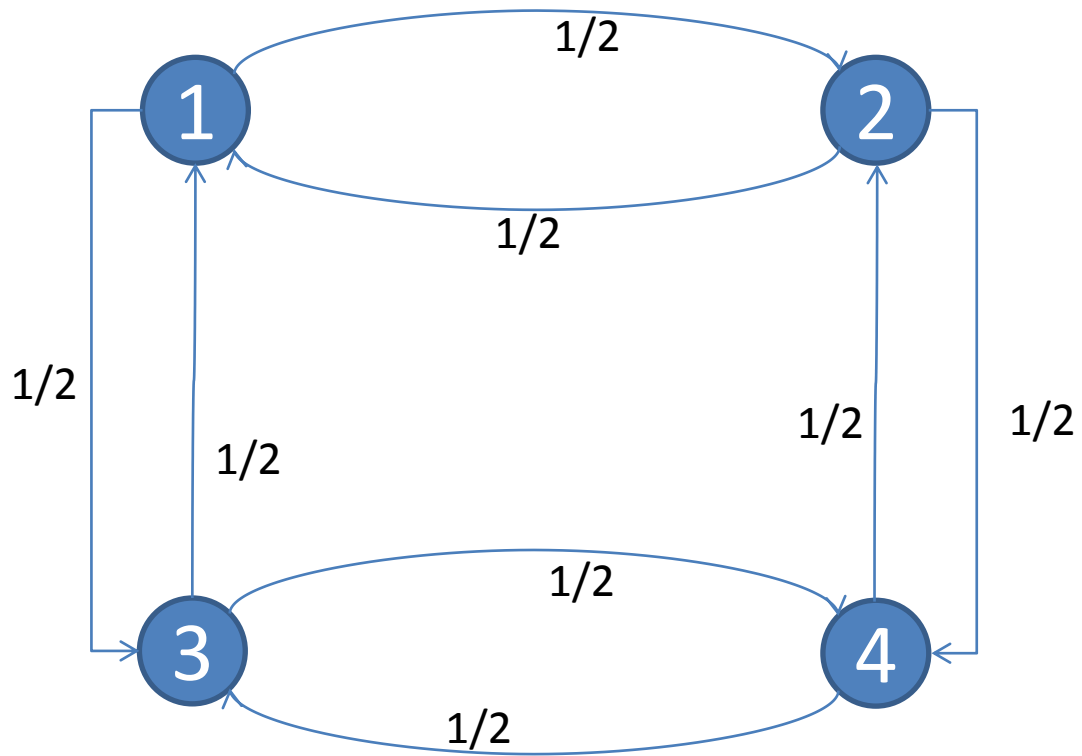


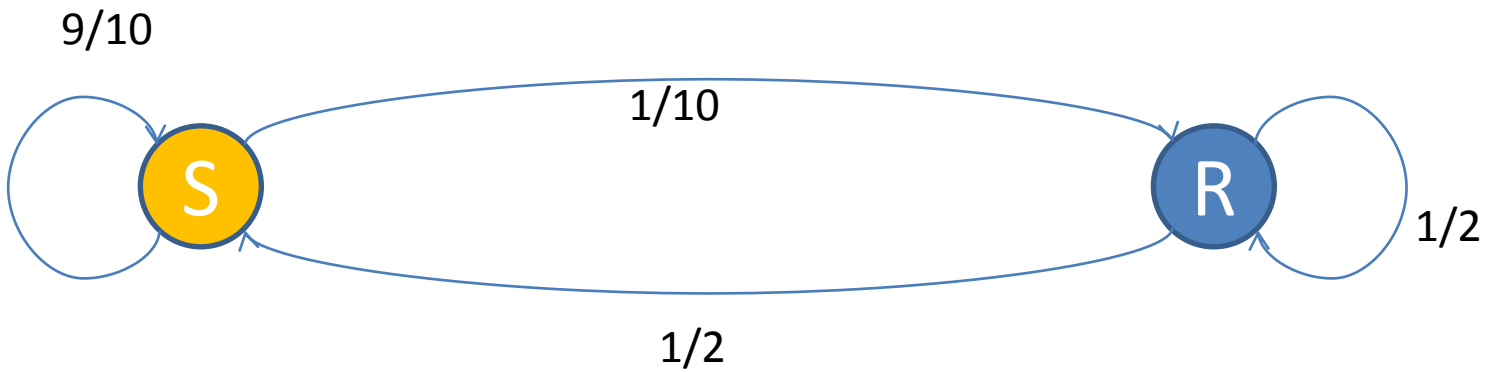
Markow-Kette CRAPS



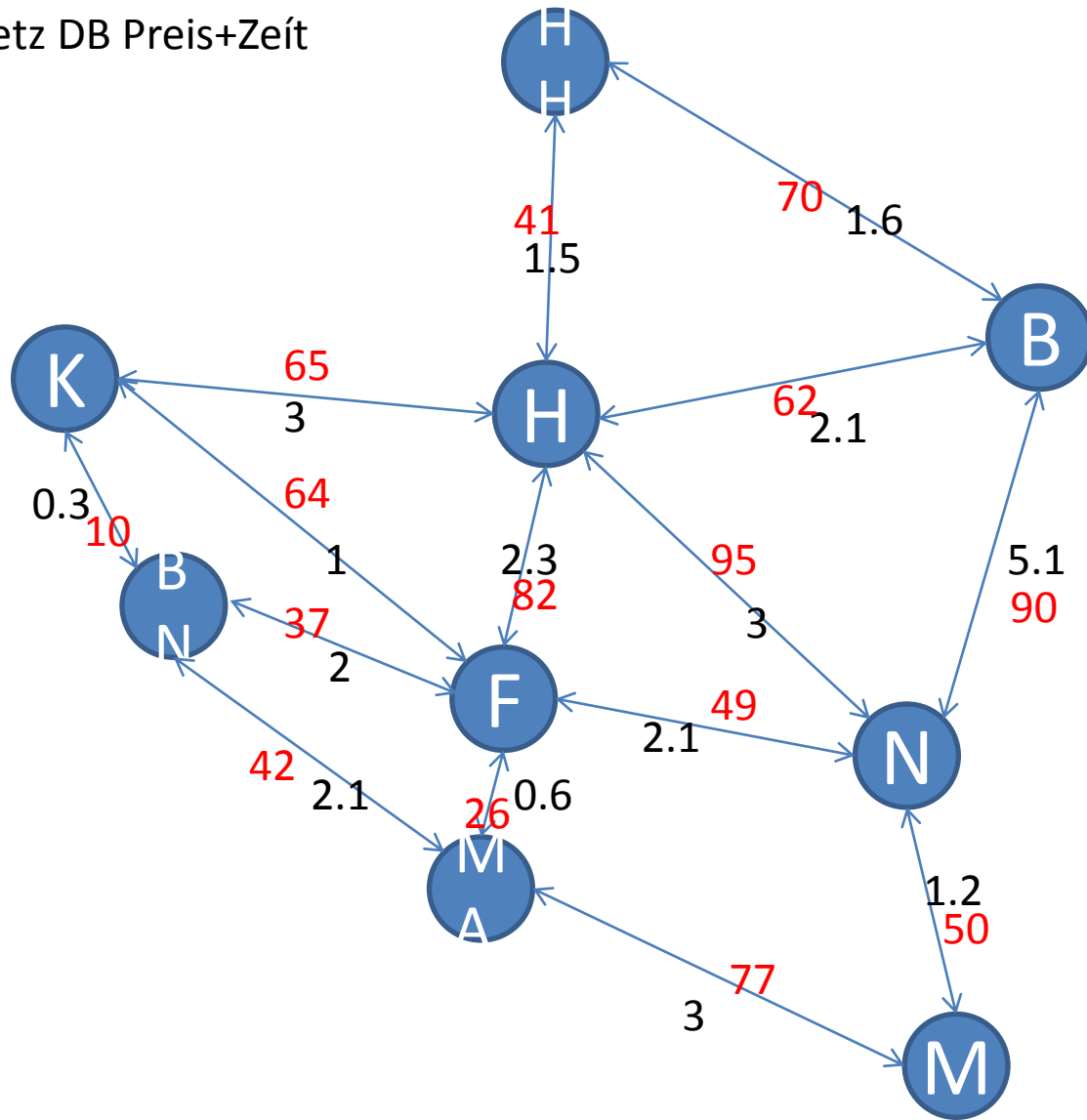
# Markow Kette: Random Walk



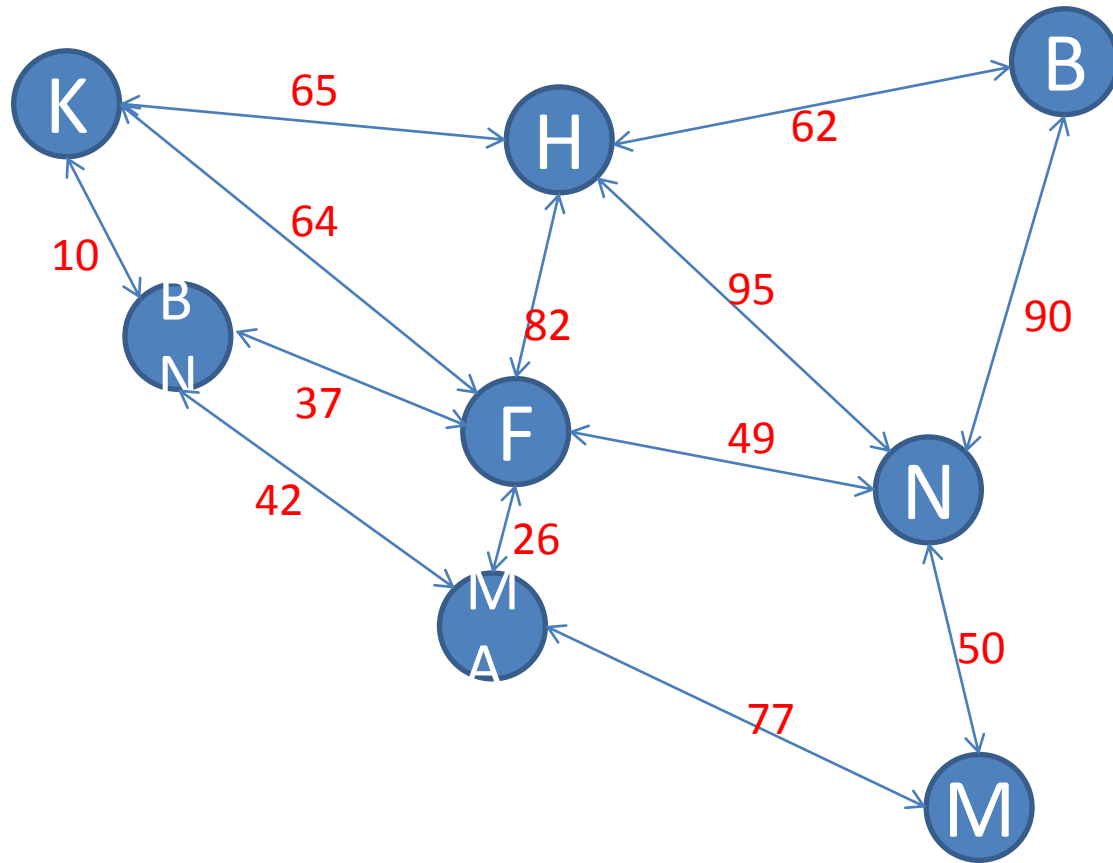
## Markow-Kette Wetter in LA



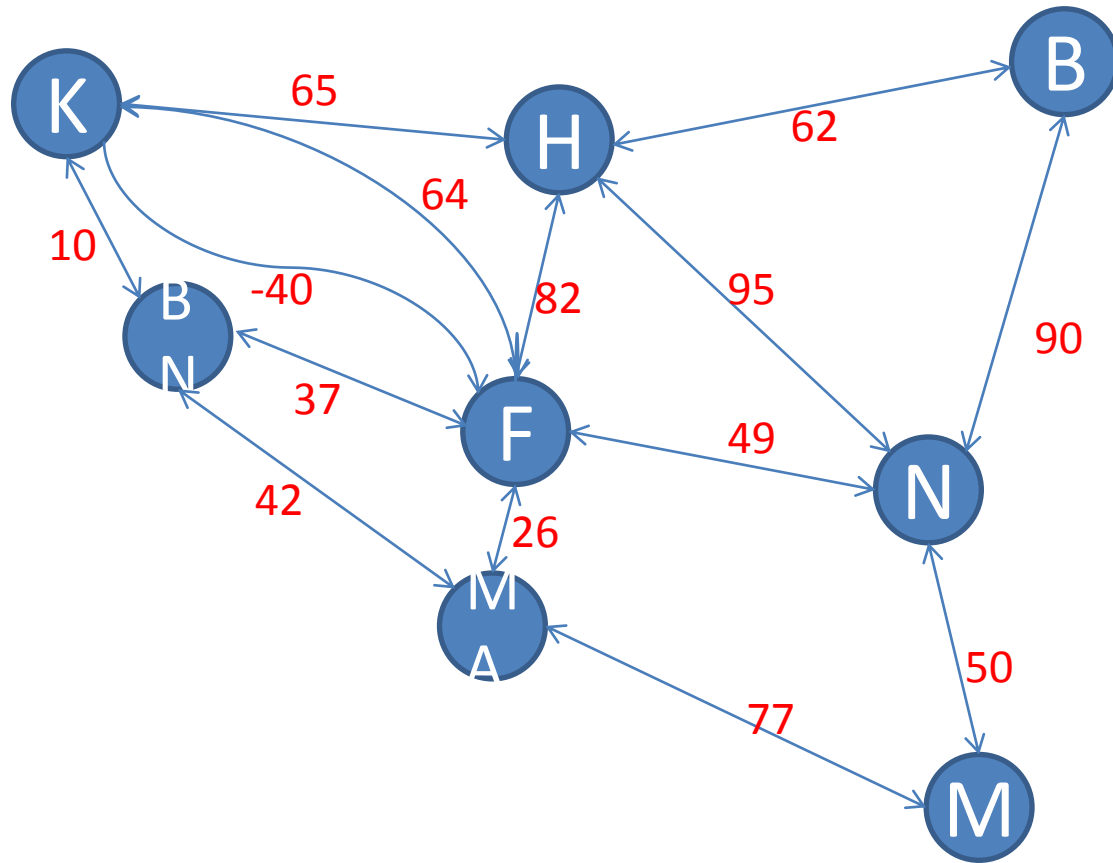
# ICE-Netz DB Preis+Zeit



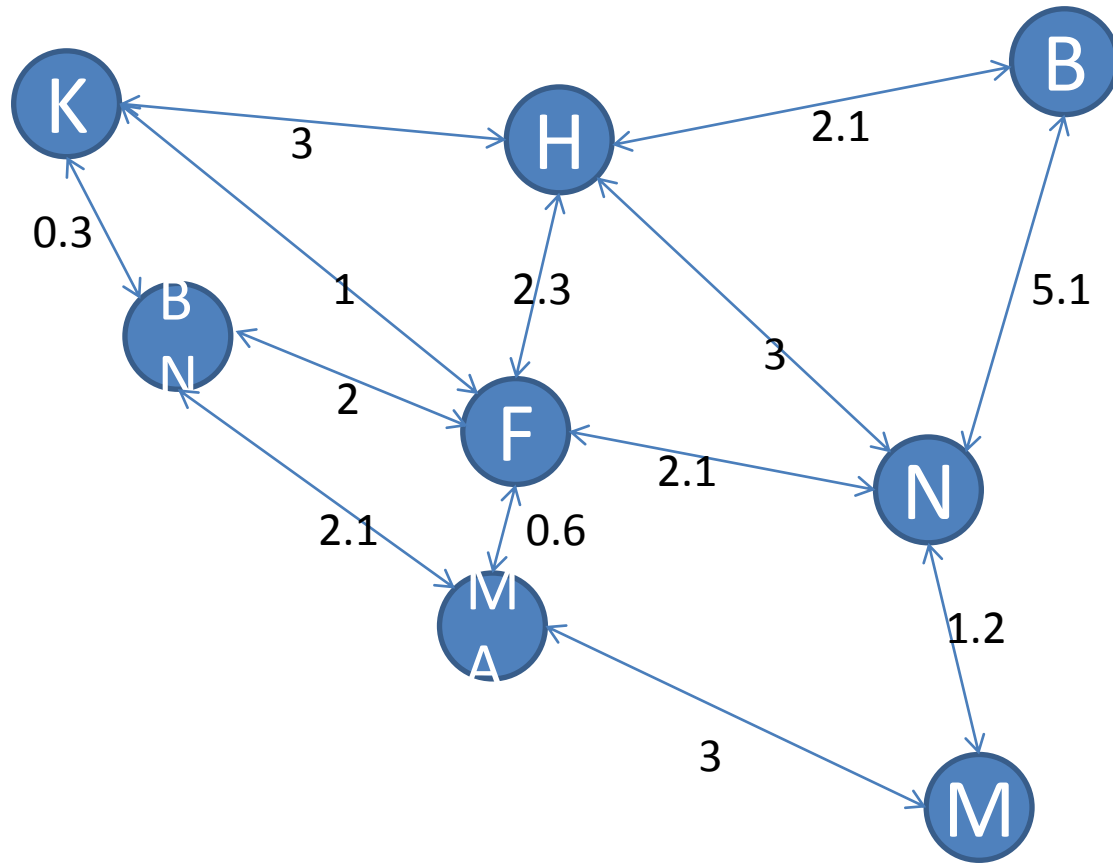
# ICE-Netz DB: Preis



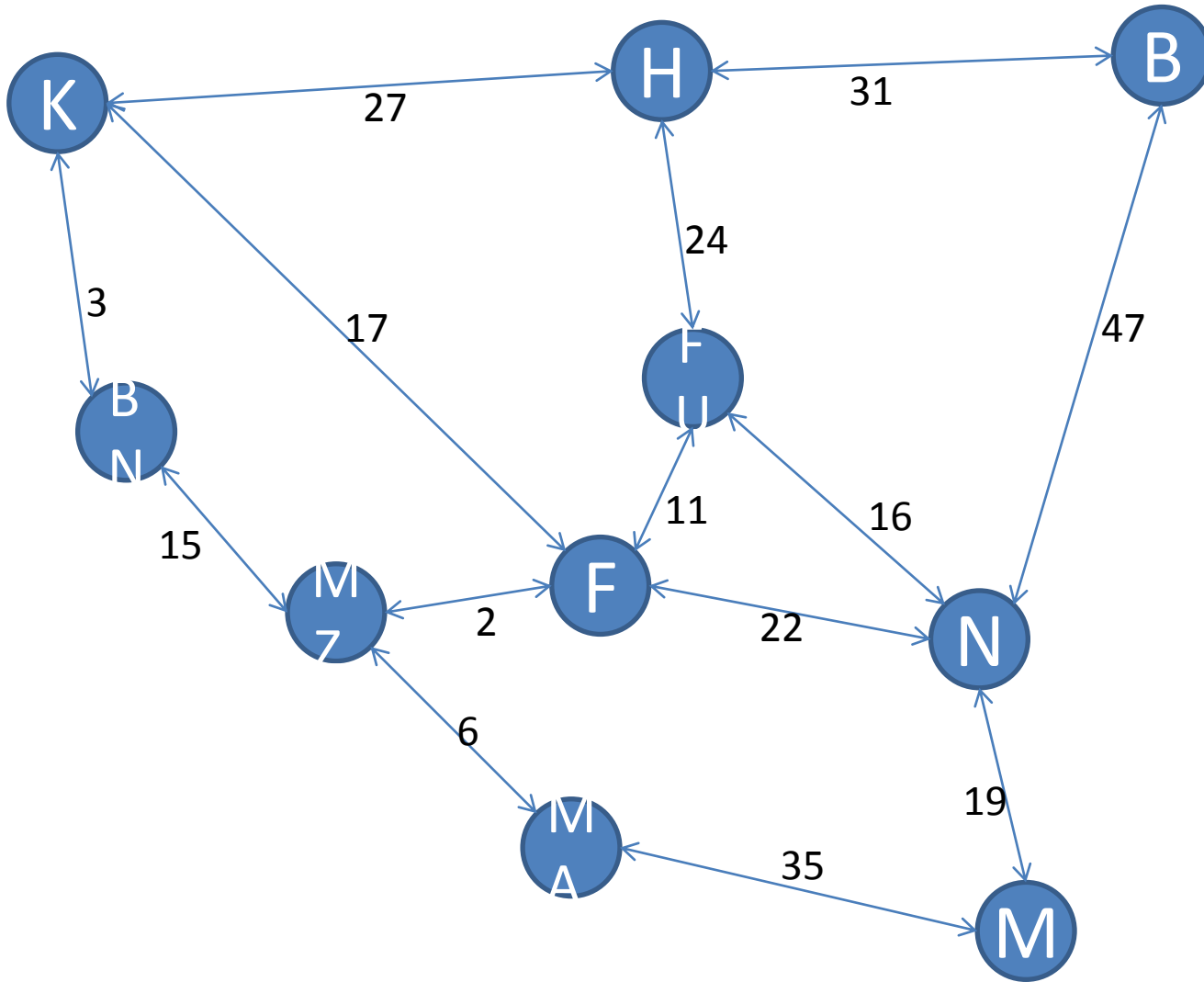
# ICE-Netz DB Preis mit F->K als Werbung



# ICE-Netz DB: Zeit

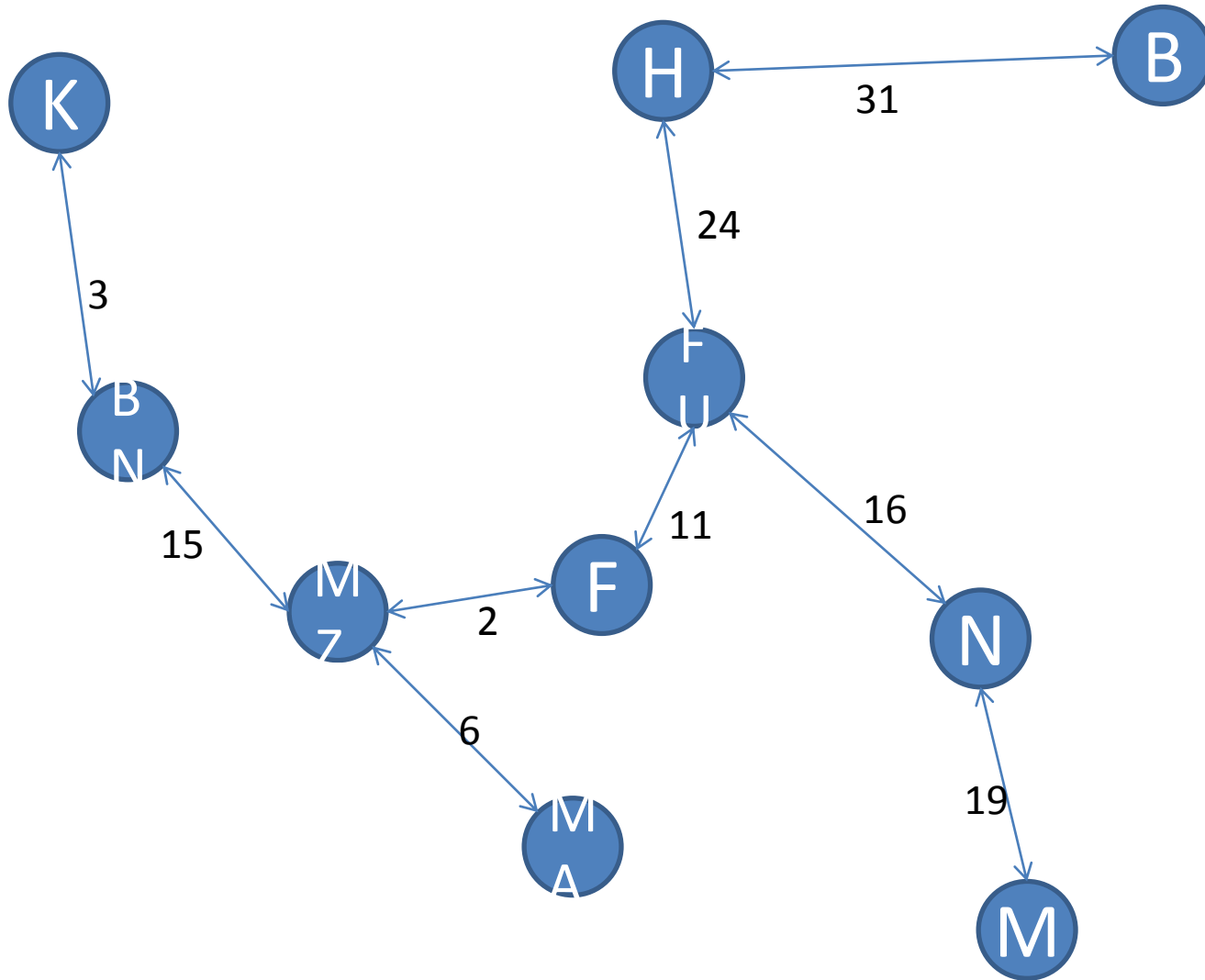


# ICE-Netz DB: Entfernungen

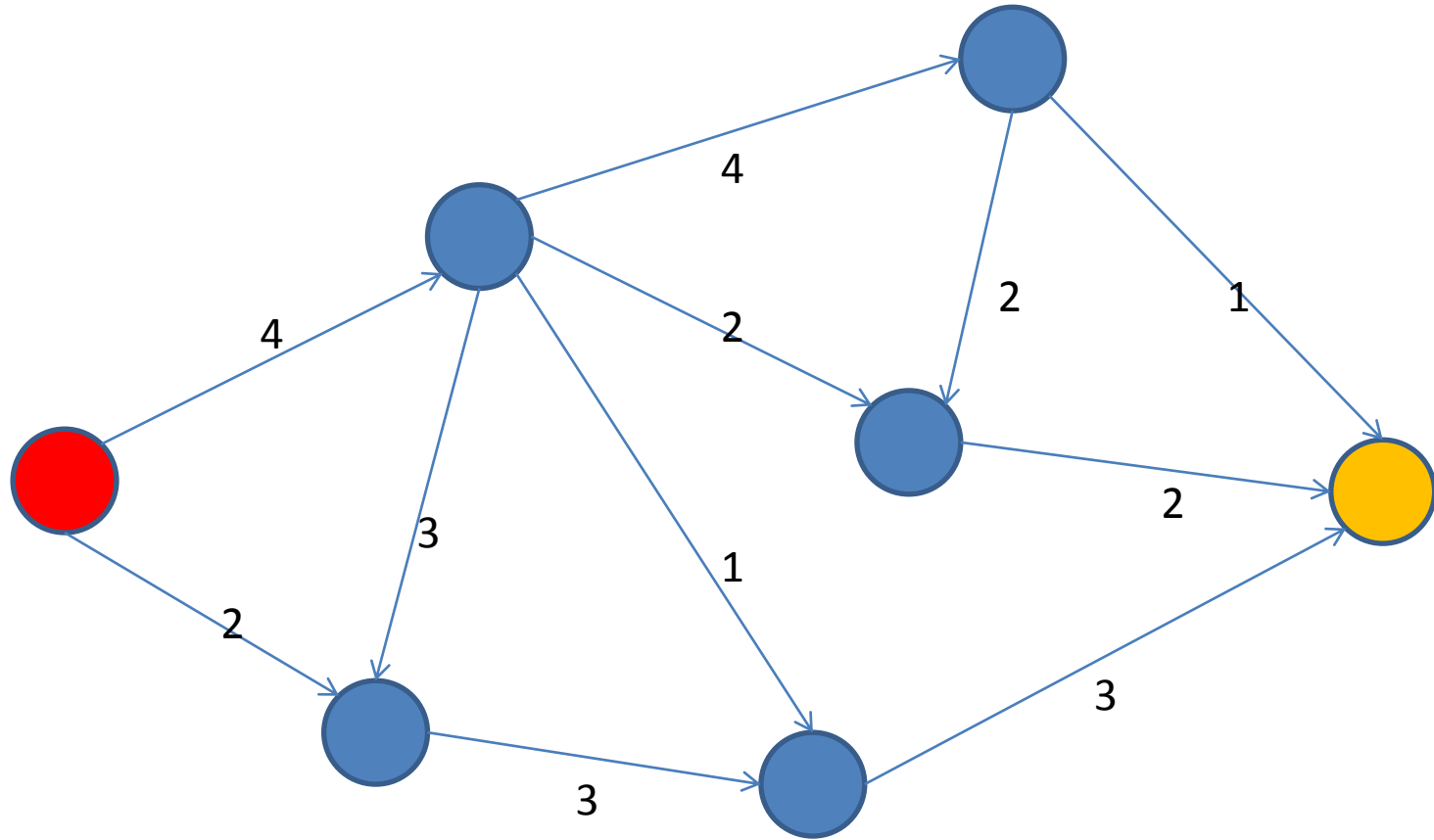




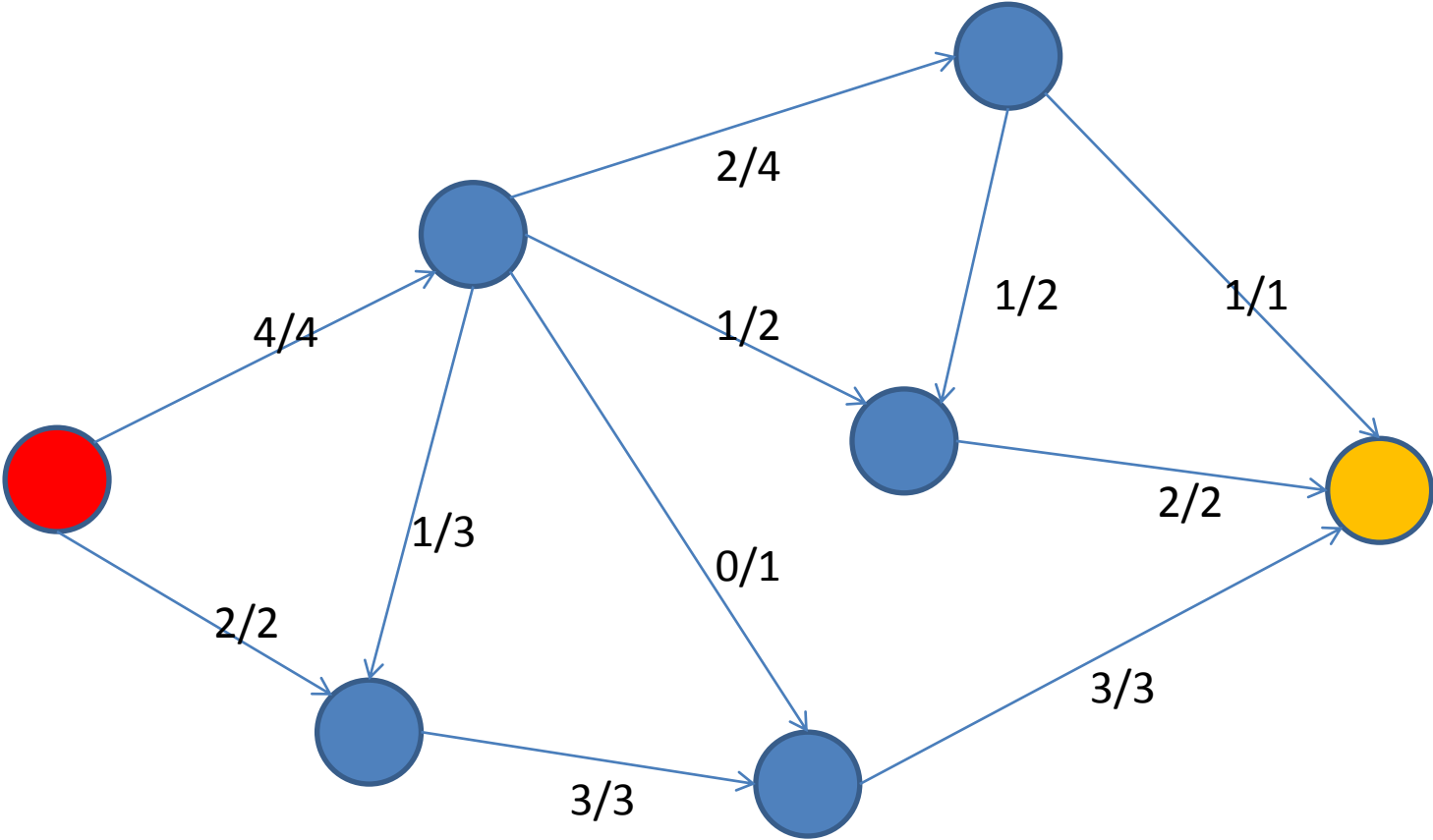
# ICE-Netz DB nach Kruskals Algorithmus



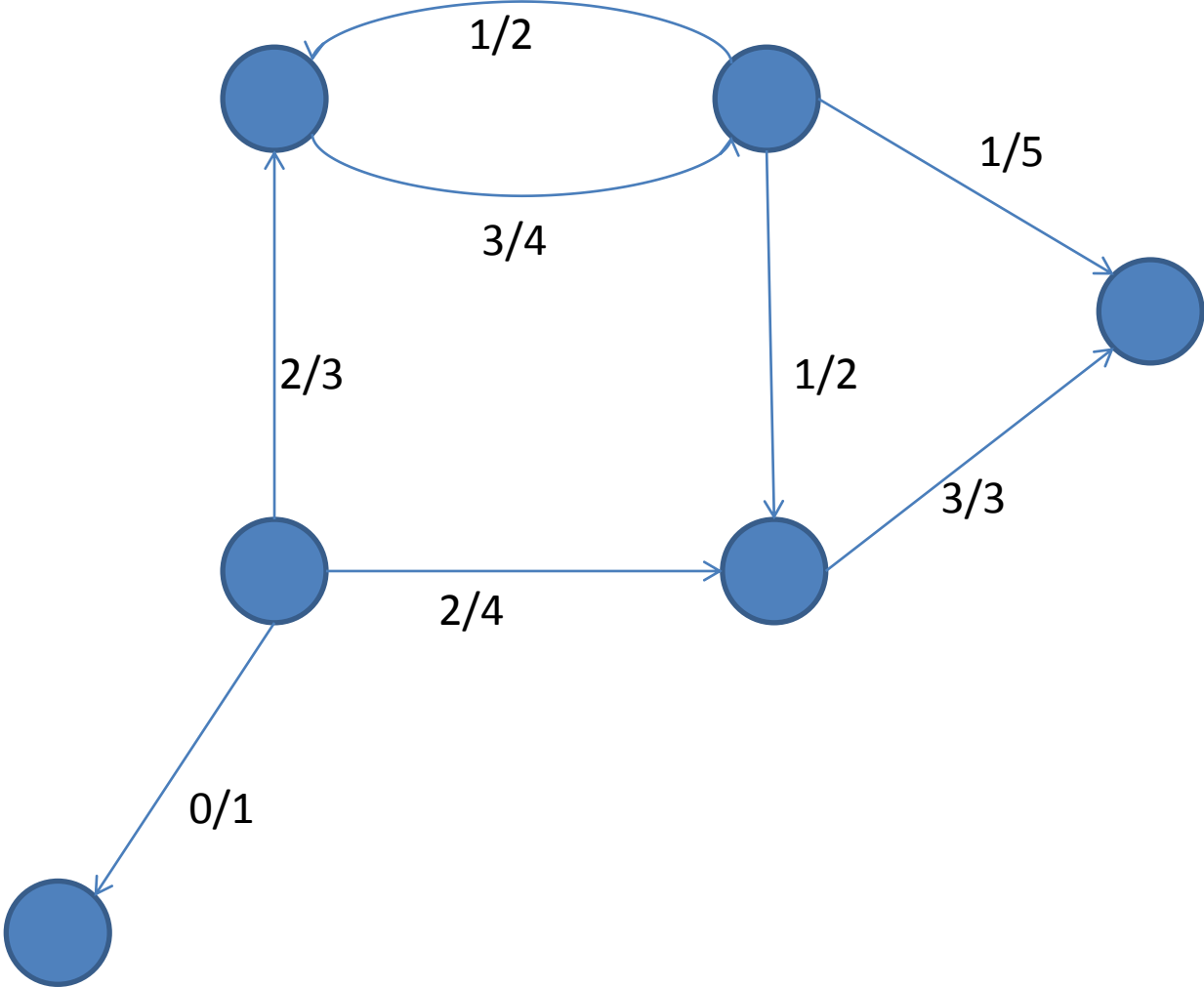
# Transportproblem



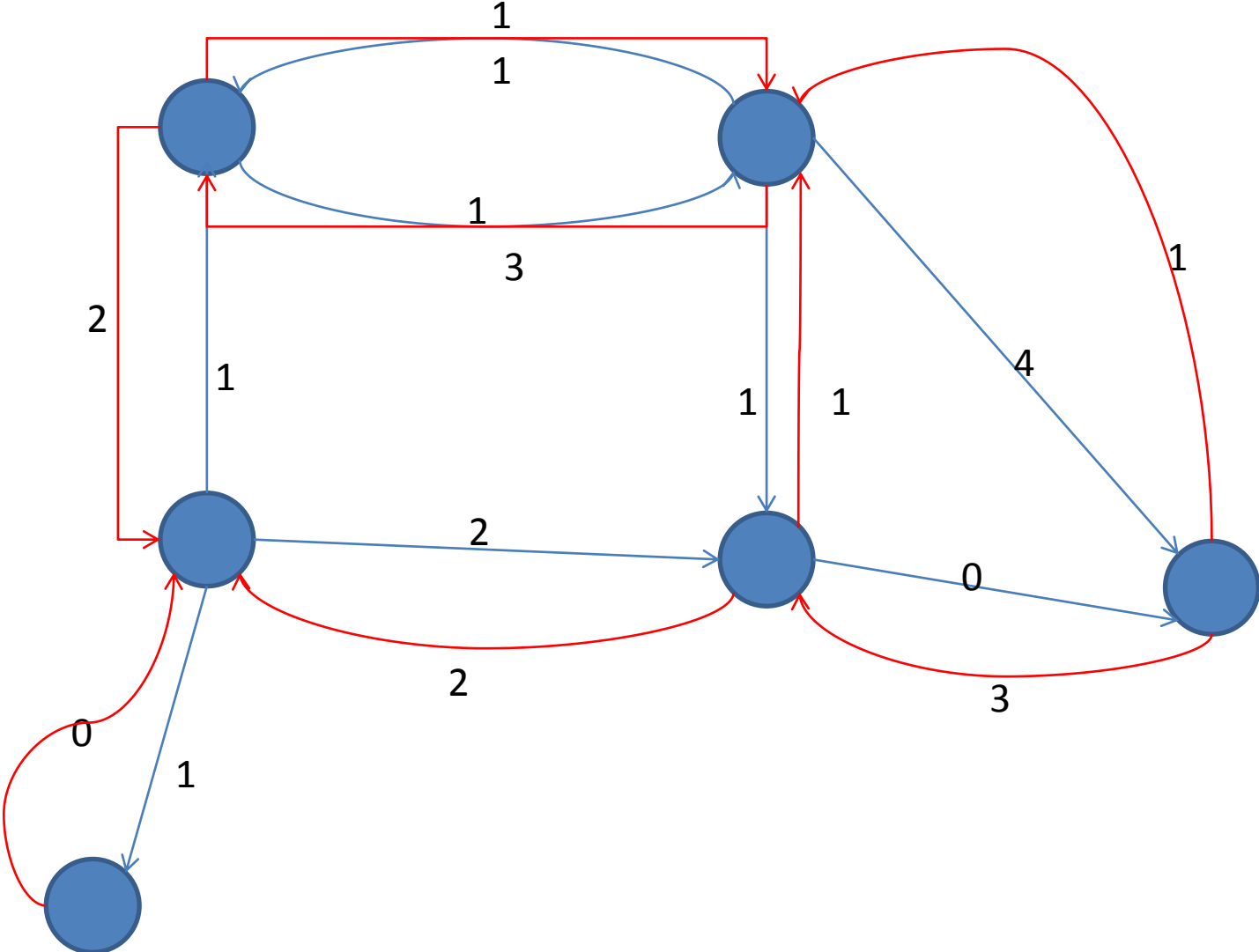
Transportproblem: Fluß+Kapazitäten



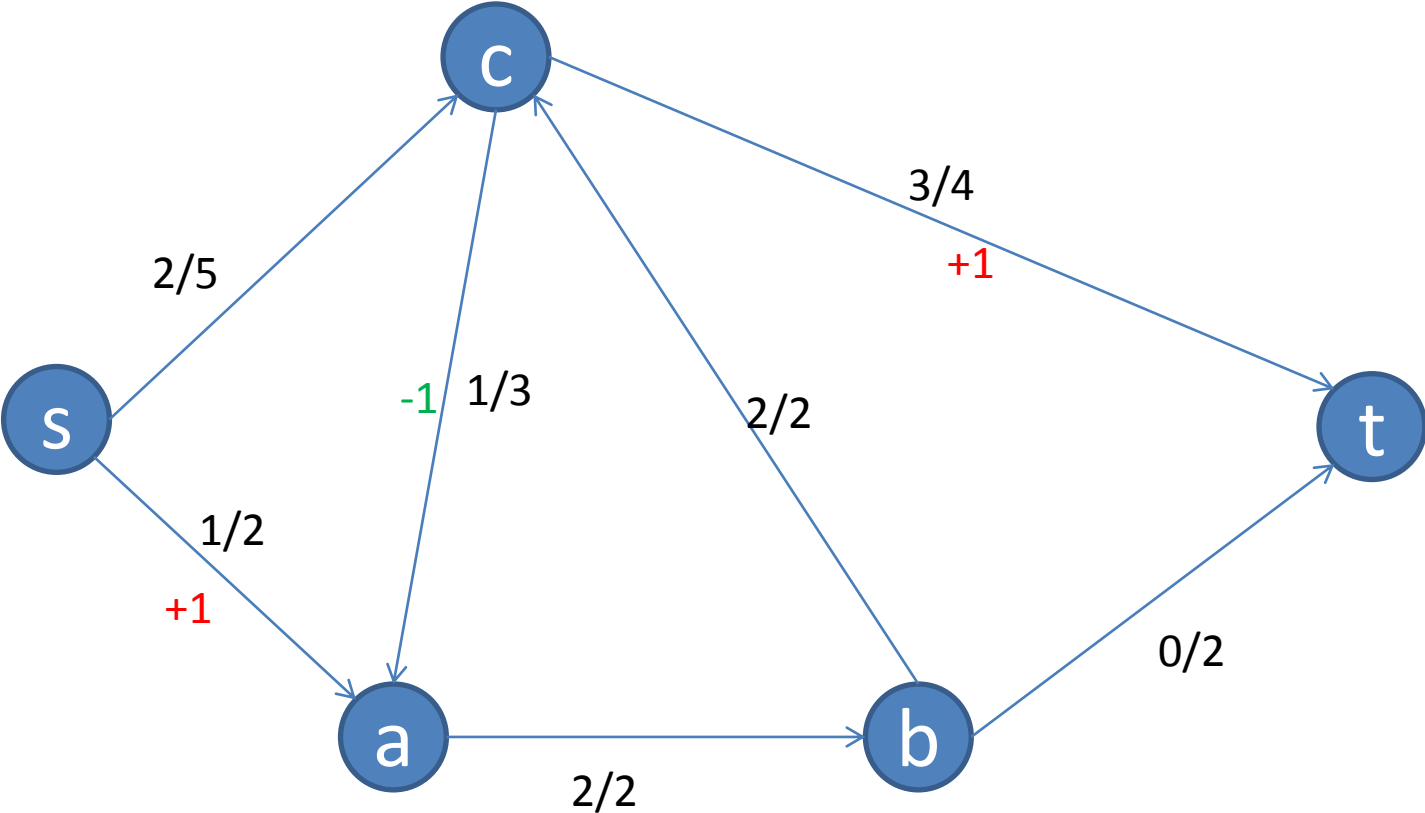
Beispiel eines Flußes



Mit Restgraph



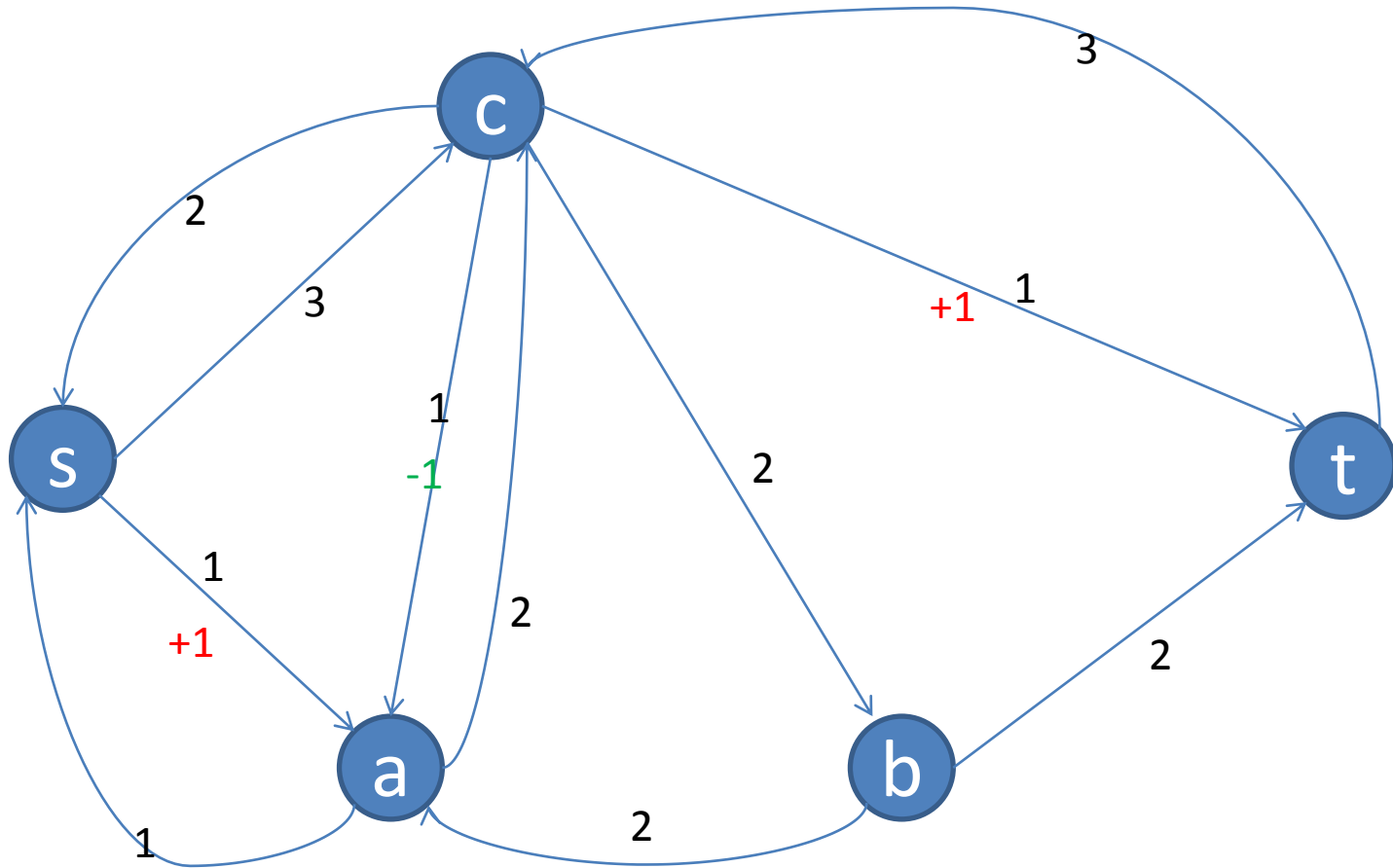
Beispiel augmentierender Weg



Flow(s)=3

Augmentierender Weg s->a->c->t

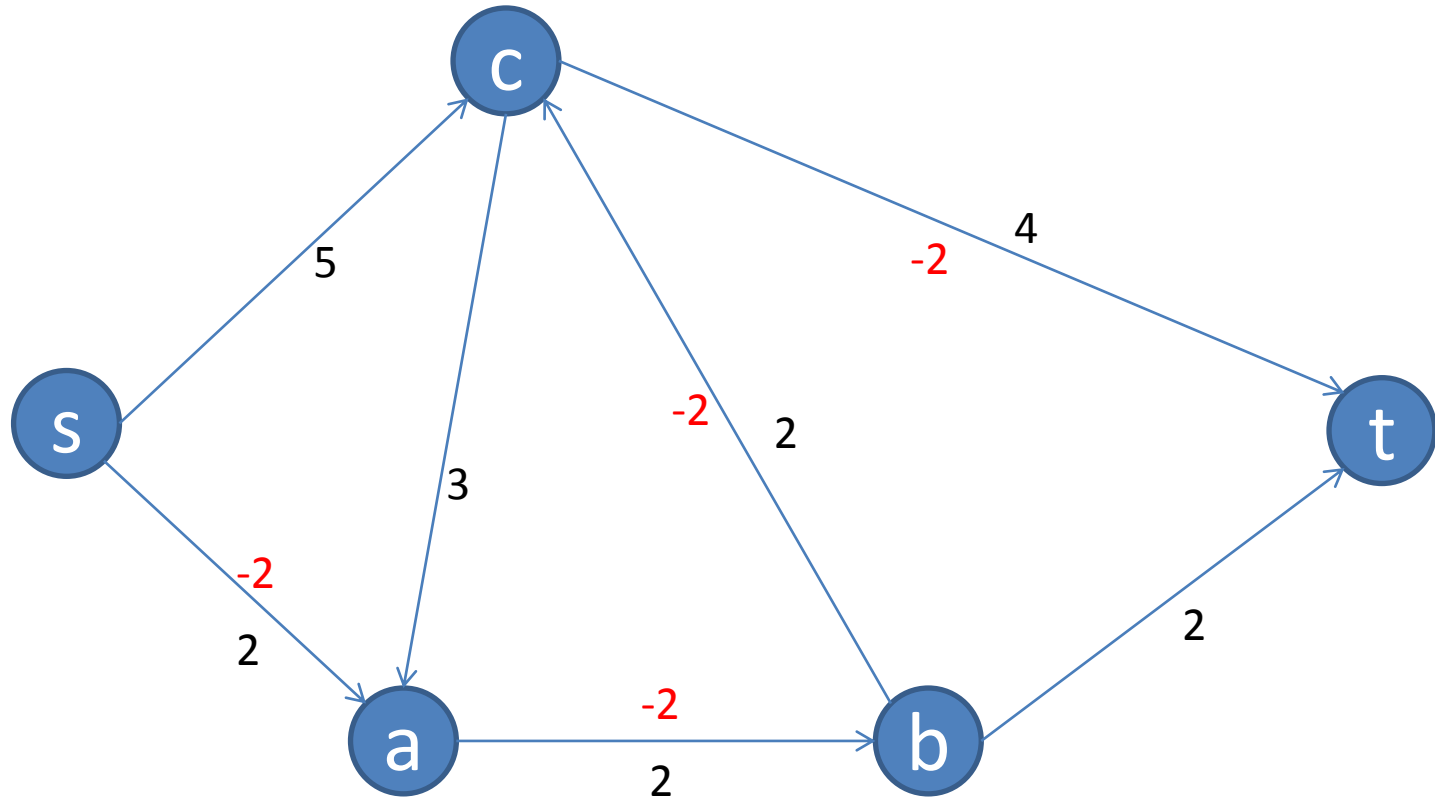
Mit Ergebnis



Flow(s)=3

Augmentierender Weg s->a->c->t

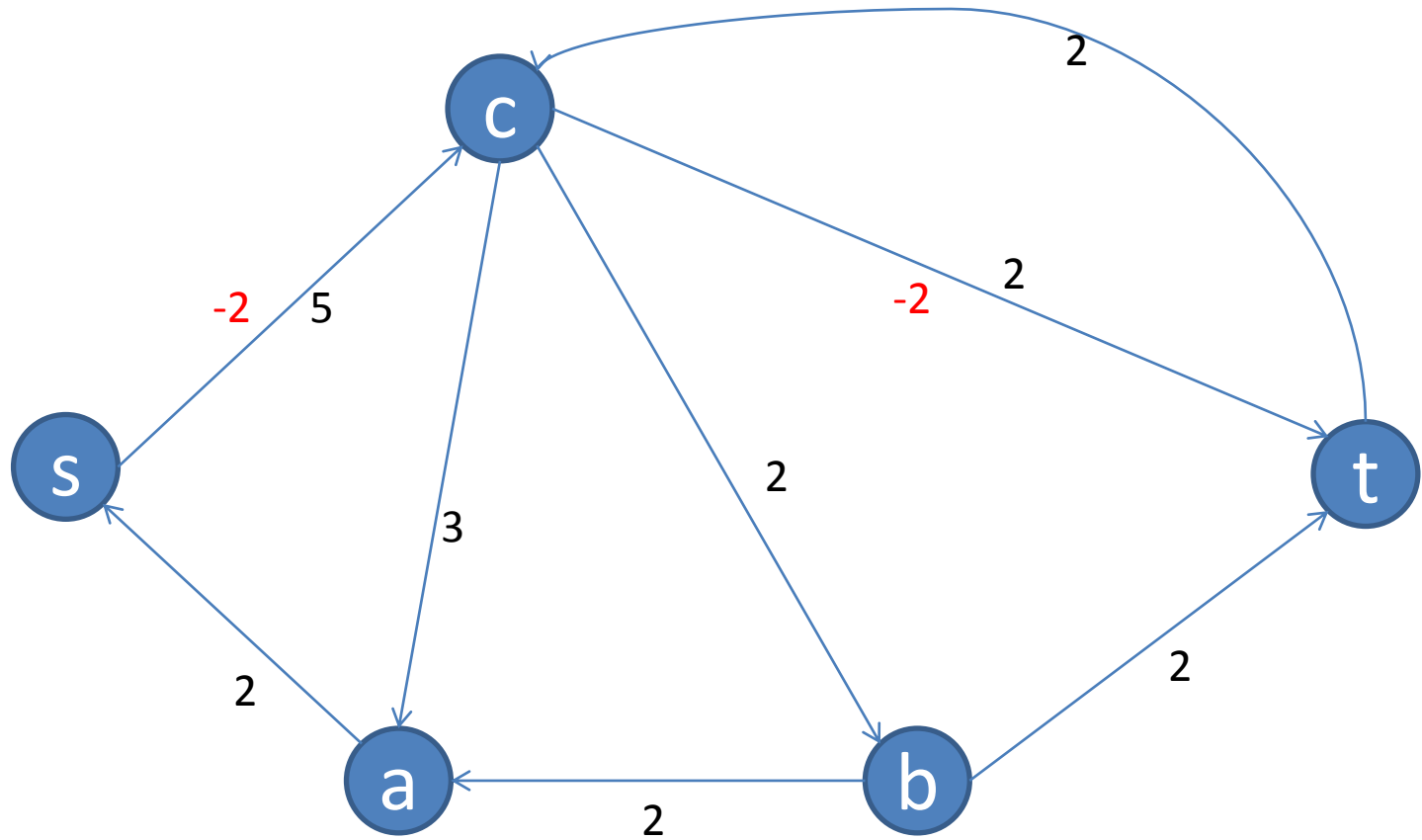
Beispiel zu Algorithmus 3.7, Ausgangsgraph



Weg s→a→b→c→t, gamma=2

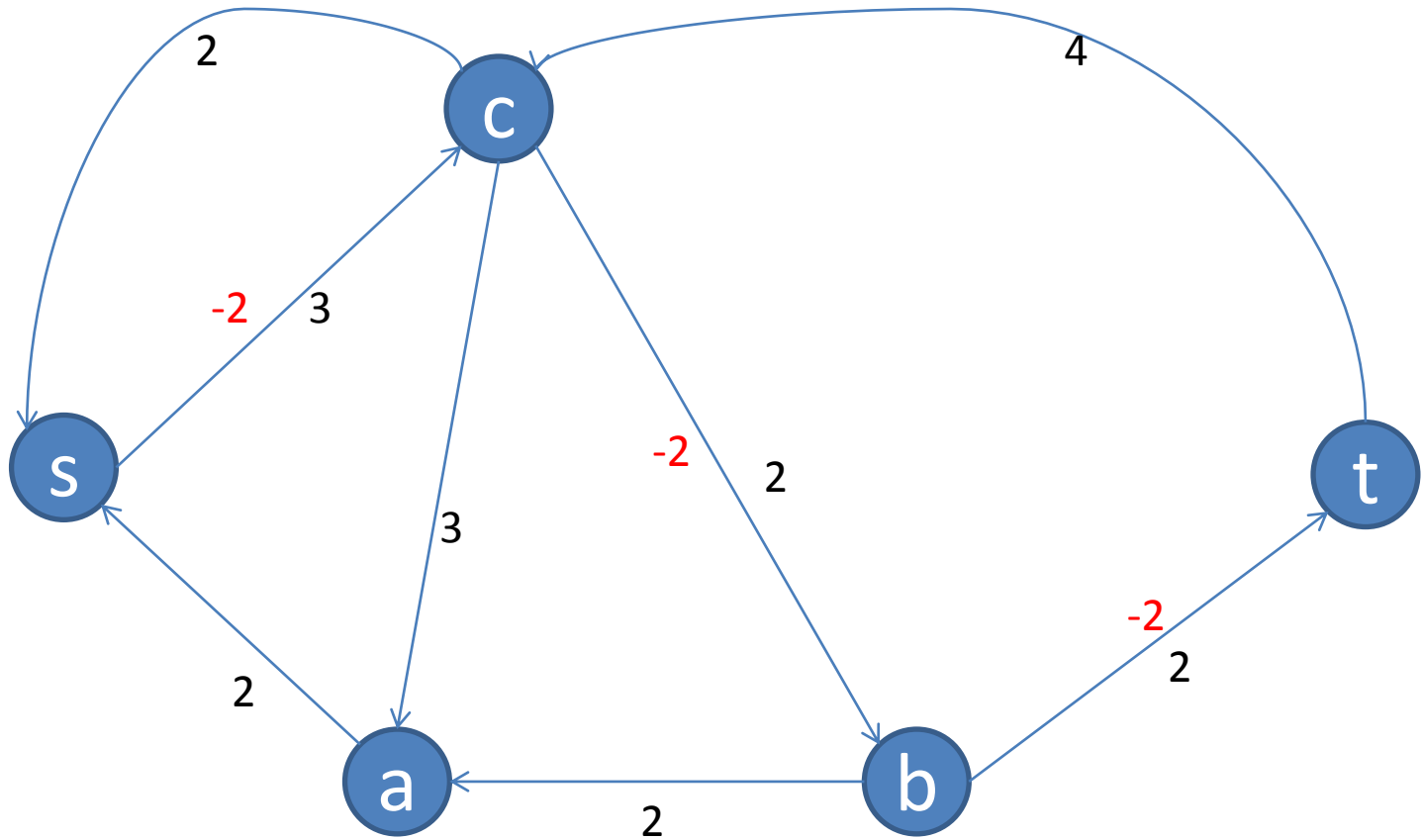


Nach 1. Augmentierung



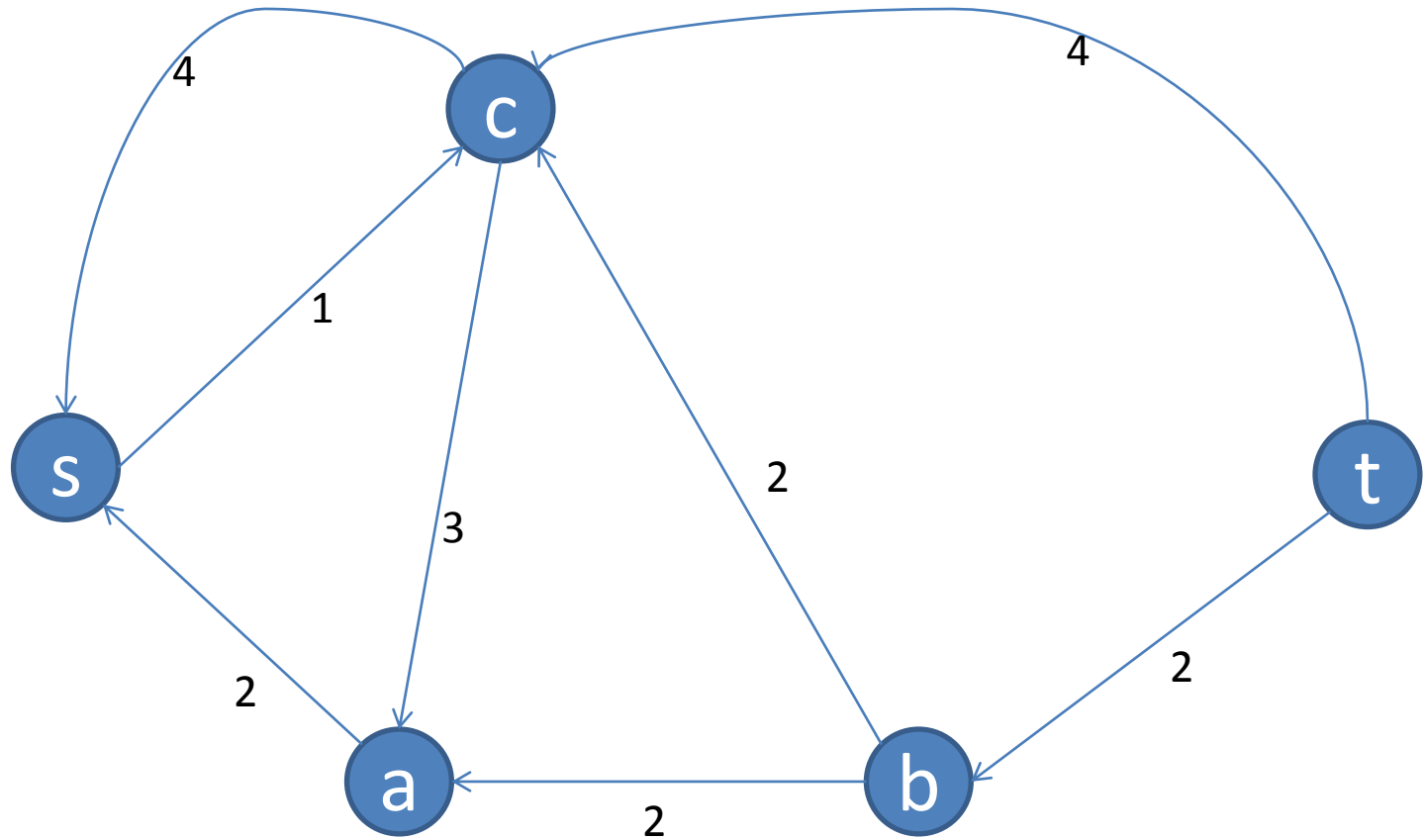
Weg s->c->t, gamma=2

Nach 2. Augementierung



Weg s->c->b->t, gamma=2

Nach 3. (und letzter) Augmentierung



Weg  $s \rightarrow c \rightarrow b \rightarrow t$ ,  $\gamma = 2$

