Min Cont!

The Minimum Cost Flow Problem

 u_{ij} = capacity of arc (i,j).

c_{ij} = unit cost of shipping flow from node i to node j on (i,j).

x_{ij} = amount shipped on arc (i,j)

Minimize $\sum_{(i,j)\in A} \mathbf{c}_{ij} \mathbf{x}_{ij}$

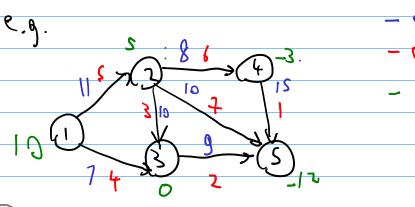
 $\Sigma_i \mathbf{x}_{ij}$ - $\Sigma_k \mathbf{x}_{ki} = \mathbf{b}_i$ for all $i \in N$.

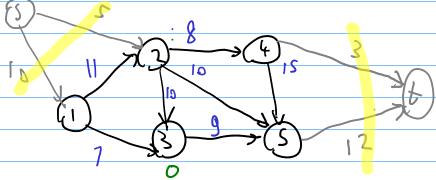
and $0 \le x_{ij} \le u_{ij}$ for all $(i,j) \in A$.

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- (helk is problem is it posed.

- Final a fearable flow





If we do max flow we expect ever marked by