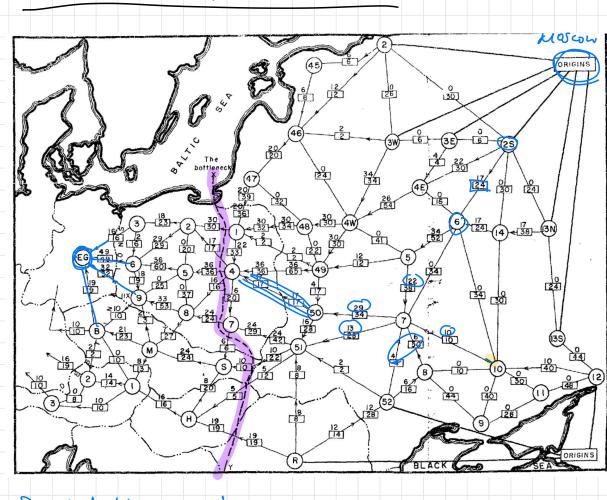


- use a SAT solver or an ILP solver

- Solve P=NP

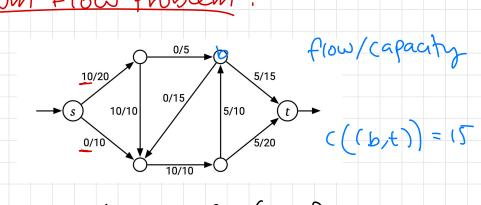
Max Flows / Min cuts



Soviet Union: how many trains can Z send from Moscow to U East Germany

JS: what is the min # of train lines to destroy to disconnect Moscow and EG?

Maximum Flow Problem.



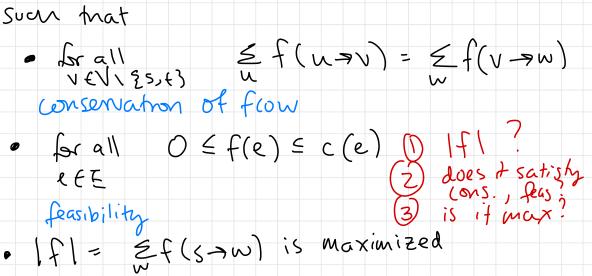
input: divected graph G = (V, E)

with special nodes S, t source torget capacity function (: E->1/2⁷⁰

output:

flow function f: E->18=0

such that



Minimum cut Problem

input: same as max flow

output: partition of verts V into SandT

