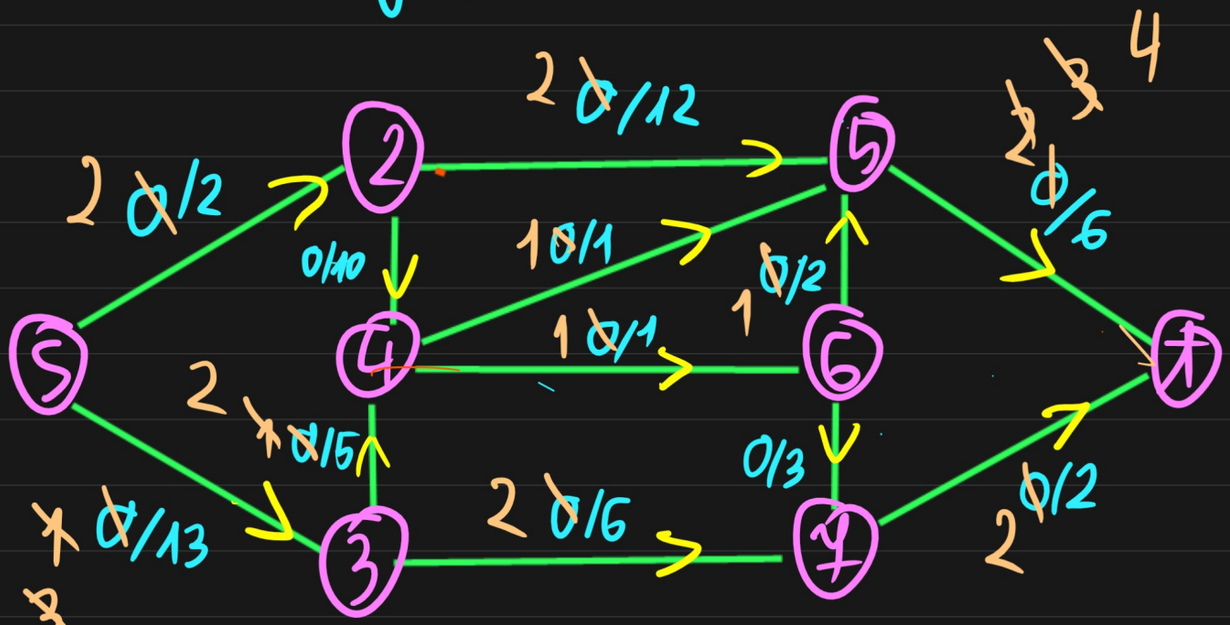
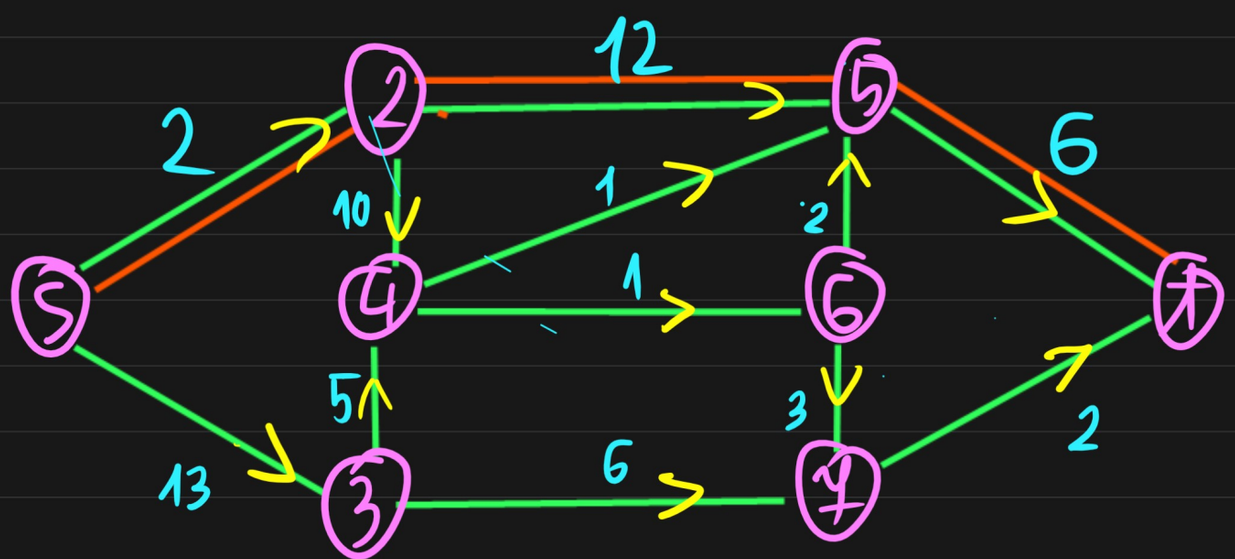
Ford Fulker Son

Tìm luồng cực đại + min_cut



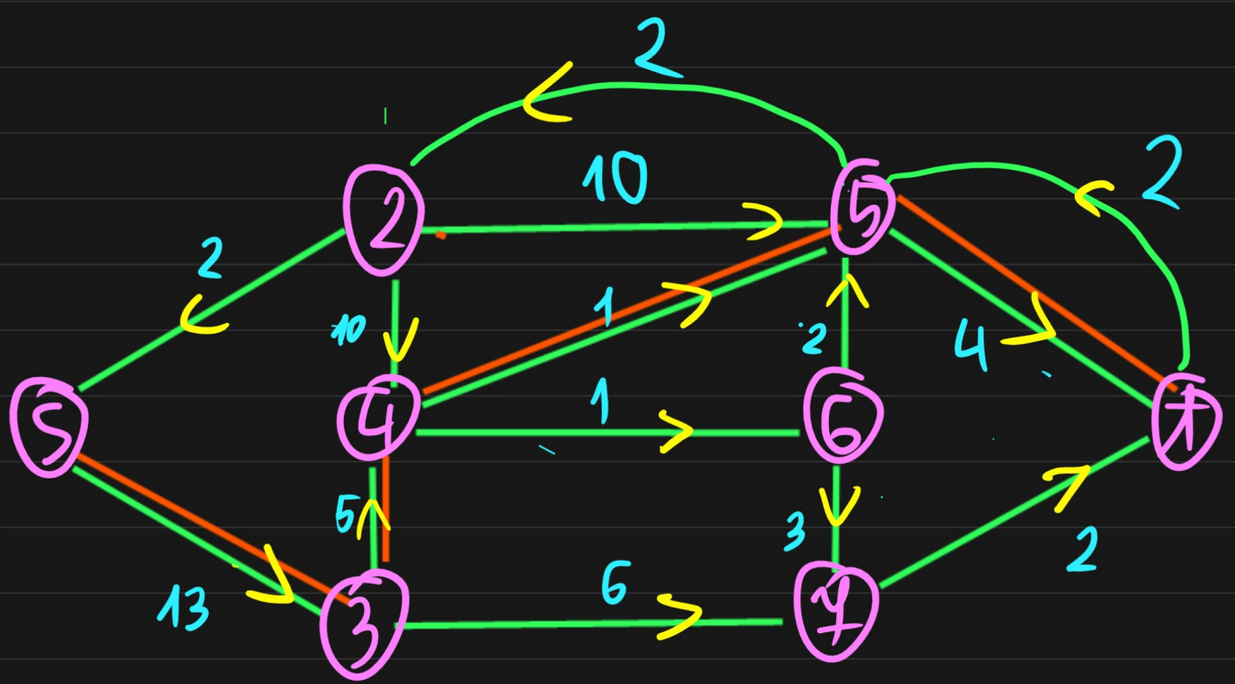
Network G

R G:



(*) Đg tăng luồng: s → 2 → 5 → t

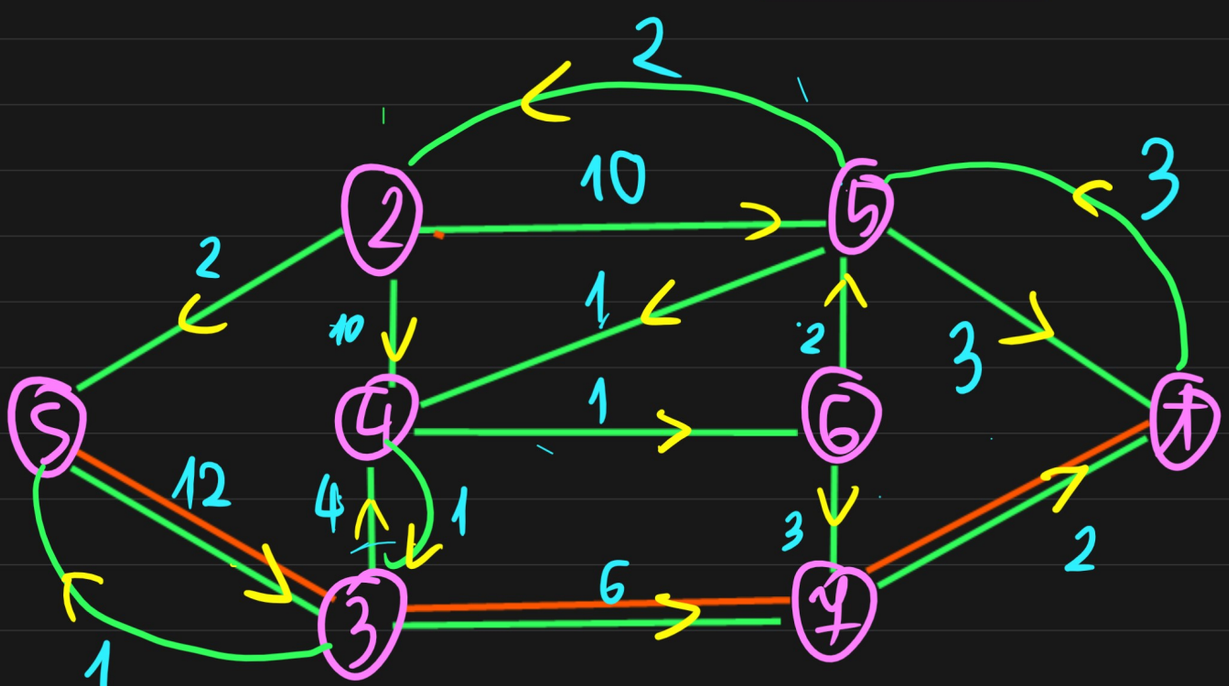
b = 2



(*) Đg tăng luồng:

s → 3 → 4 → 5 → t

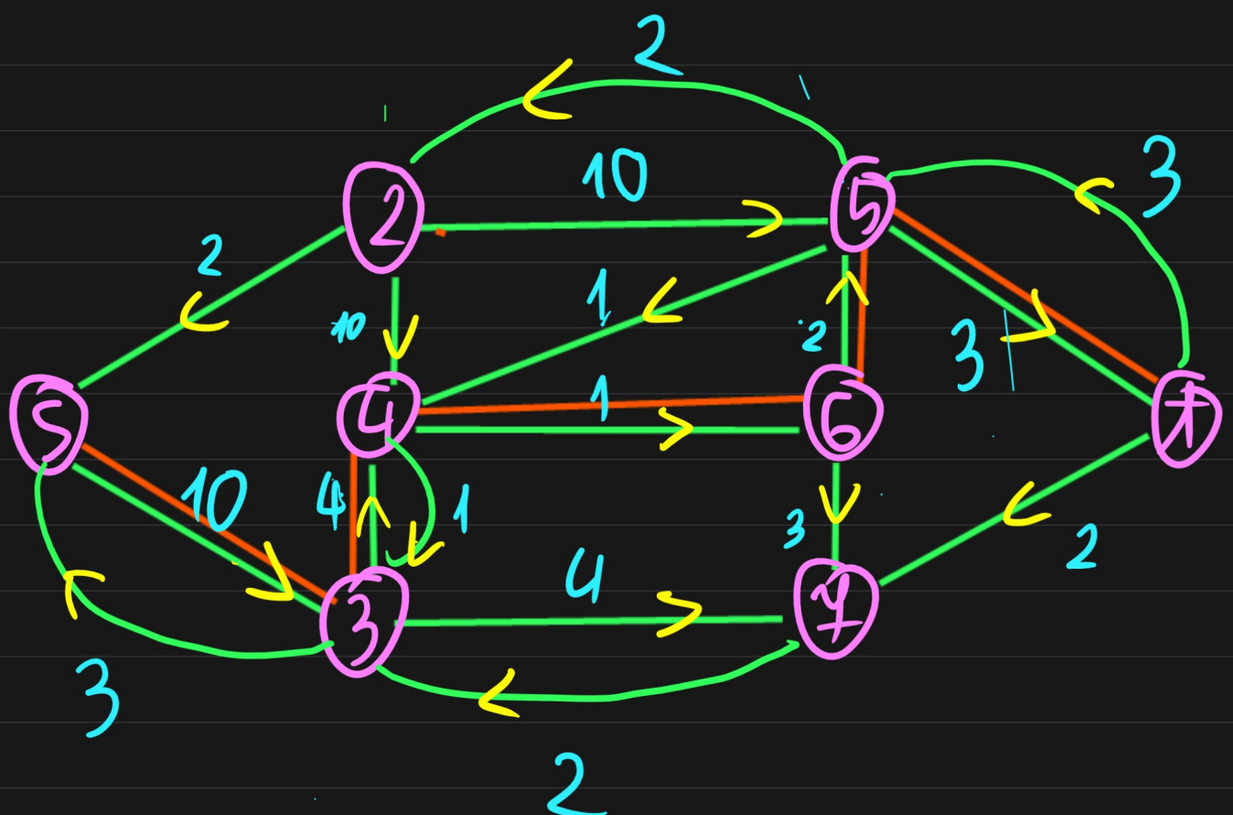
b = 1



* Đg tăng luồng

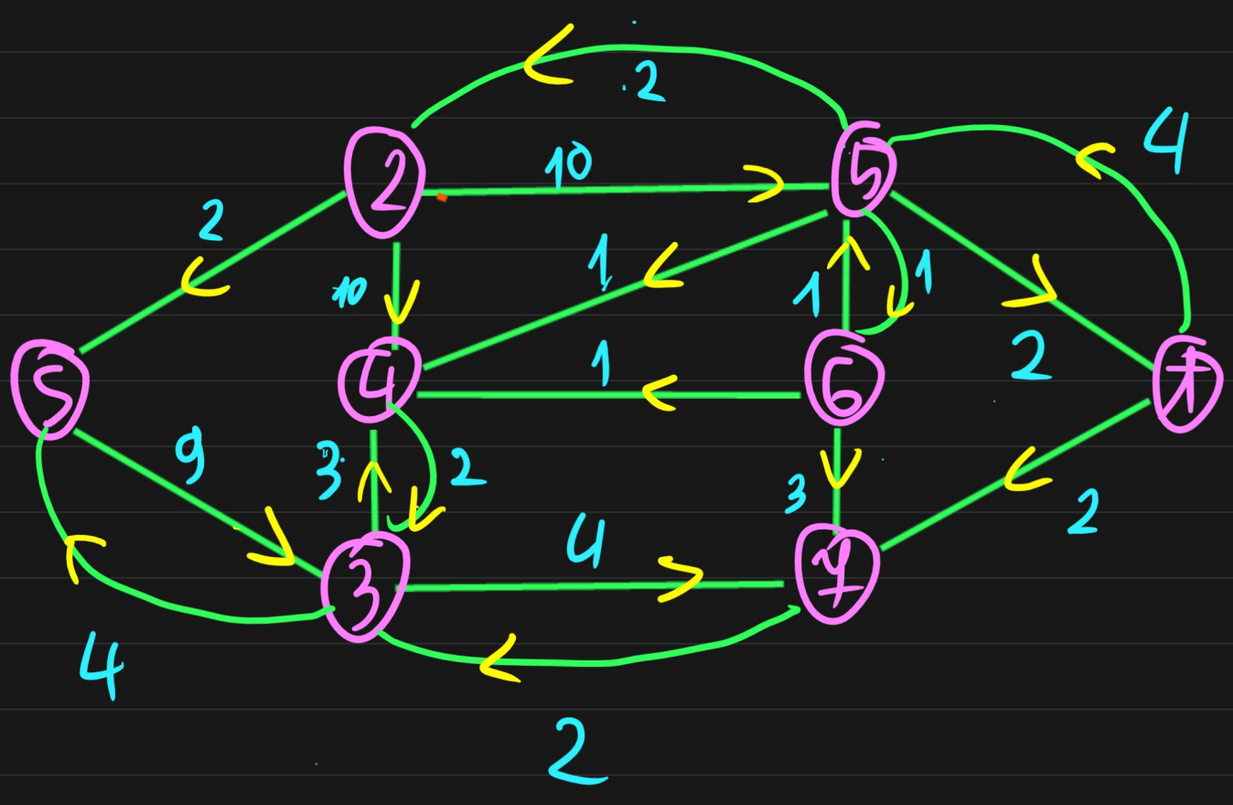
$s \to 3 \to 7 \to t$

$b = 2$



* Đg tăng luồng: $b = 1$

$s \to 3 \to 4 \to 6 \to 5 \to t$



$\Rightarrow$ Max flow = 6

Min cut = $\{(s,3,4,7), \ldots\}$

$c(\text{min cut}) = c(s,2) + c(4,5)$

$+ c(4,6) + c(4,7)$

$= 2 + 1 + 1 + 2$

$= 6$