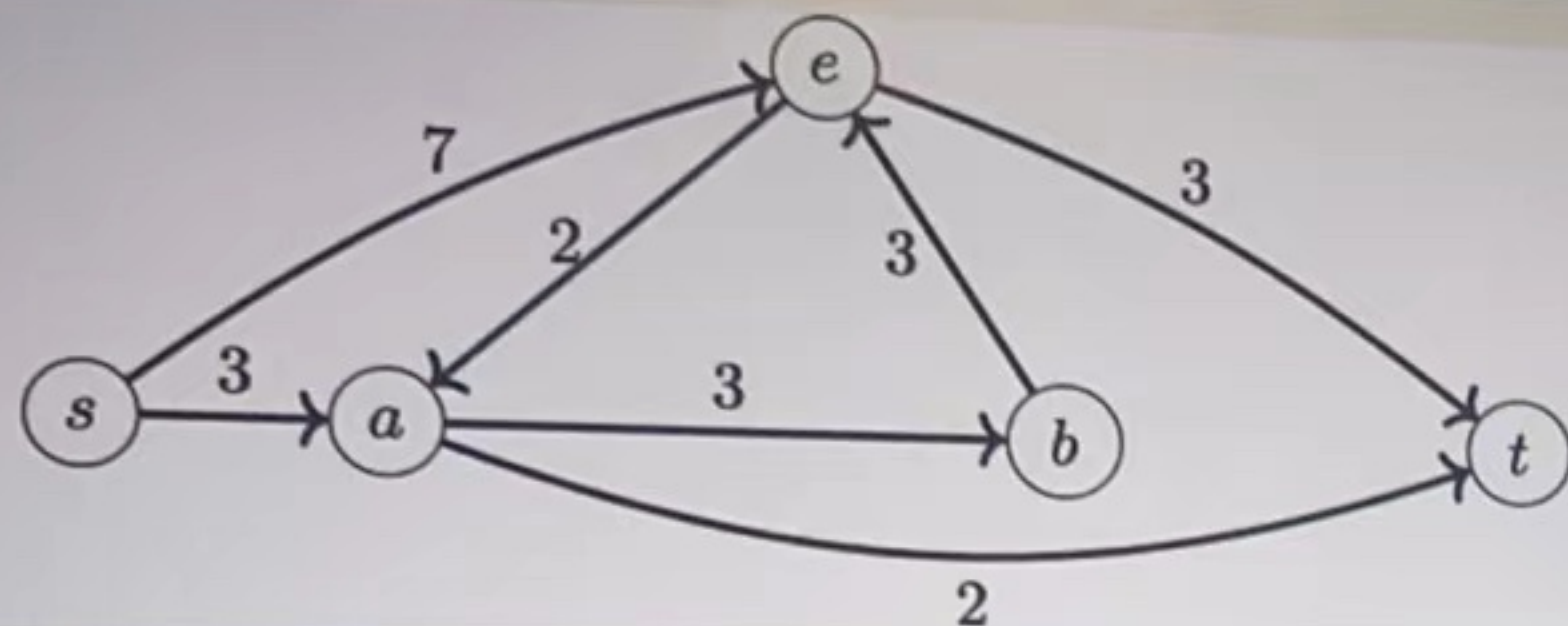


(3)



constraints: $0 \leq x_{s,a} \leq 3$.

$0 \leq x_{s,e} \leq 7$.

$0 \leq x_{e,a} \leq 2$.

$0 \leq x_{a,b} \leq 3$.

$0 \leq x_{b,e} \leq 3$.

$0 \leq x_{e,t} \leq 3$.

$0 \leq x_{a,t} \leq 2$.

$x_{s,a} = x_{a,b} + x_{a,t}$.

$x_{s,e} = x_{e,a} + x_{e,t}$.

$x_{e,t} = x_{s,e} + x_{a,e}$.

$x_{a,t} = x_{s,a} + x_{e,a}$.

Objective function: $x_{s,a} + x_{s,e}$.