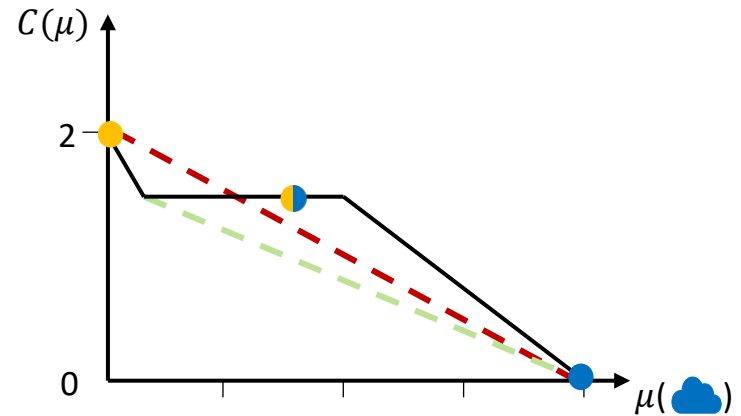
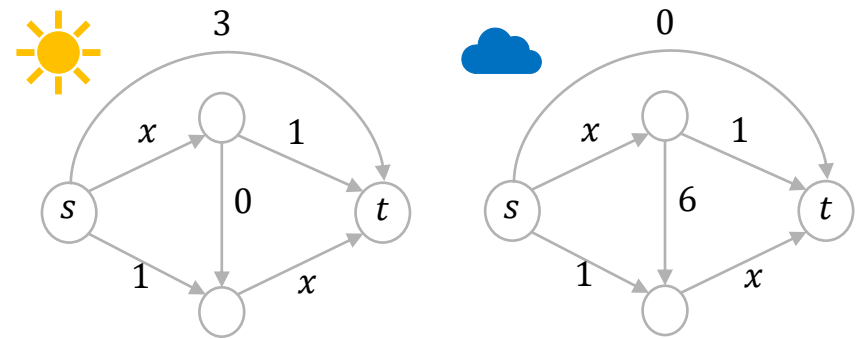
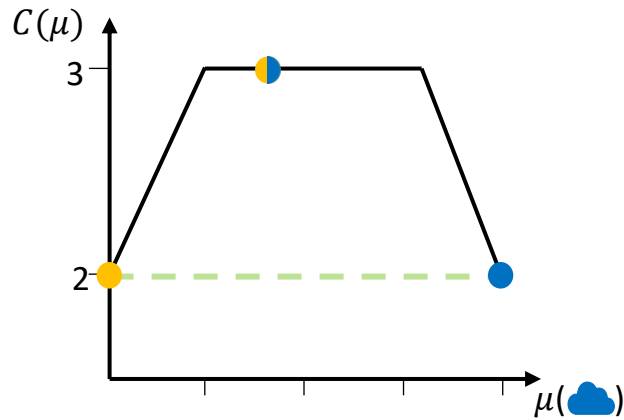
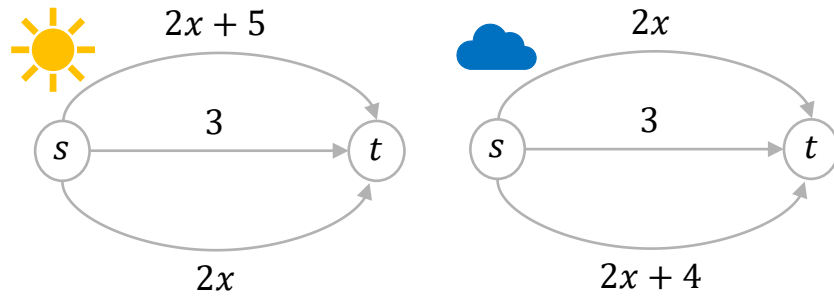


# Public Signals in Network Congestion Games

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## Model:

- cost function  $c_e^\theta(x) = a_e x + b_e^\theta$
- set of states  $\{\text{sun}, \text{cloud}\}$
- prior  $\mu(\text{cloud}) = 0.4$
- traffic service knows realized state
- find optimal signaling scheme

## Main results:

- Full information signaling is optimal **if and only if** the graph is series-parallel.
- optimal signaling scheme by LP

Thank you!