

$$\text{cost} = \{o_1 \mapsto 3, o_2 \mapsto 2, o_3 \mapsto 6\}$$

Cost Partitioning

$$h^*(s) = 5$$

$$h^*(s) \geq h_1^*(s) + h_2^*(s)$$

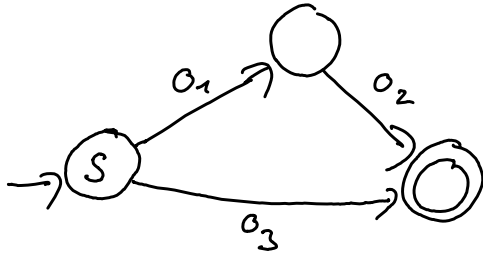
guarantee 😊

$$\text{cost}_1(o) + \text{cost}_2(o) \leq \text{cost}(o)$$

for all  $o \in \{o_1, o_2, o_3\}$

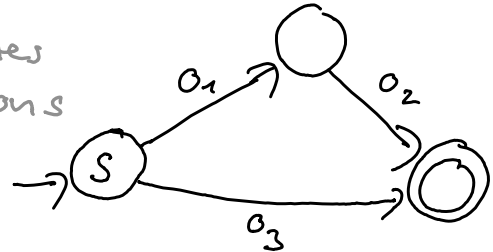
$$\text{cost}_1 = \{o_1 \mapsto 3, o_2 \mapsto 1, o_3 \mapsto 3\}$$

$$\text{cost}_2 = \{o_1 \mapsto 0, o_2 \mapsto 1, o_3 \mapsto 3\}$$



$$h_1^*(s) = 3$$

same states  
and transitions



$$h_2^*(s) = 1$$