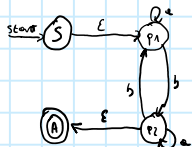


$$(1 \cup 2)^* \cup ((2(0^*1) \cup 1)^*)^* \quad (2(0^*1) \cup 0)$$

$$q_0 \xrightarrow{0} q_1 \xrightarrow{1} q_0$$

$$p_1 \xrightarrow{0} q_0$$

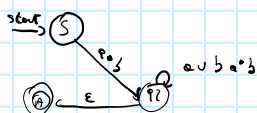
$$(1 \cup 2)^* \cup ((2(0^*1) \cup 1)^*)^* \quad (2(0^*1) \cup 0)$$



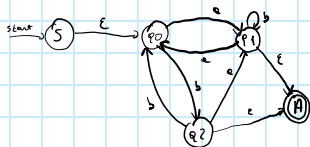
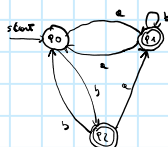
Togliamo p1

$$(S, p1, q1) = a^*b$$

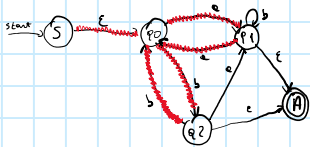
$$(q1, p1, q1) = b a^*b$$



$$(S, q1, A) = a^*b (a \cup b a^*b)^*$$



Cominciamo eliminando q0



$$(S, q0, p1) = a$$

$$(p1, q0, p1) = a \cup b$$

$$(S, q0, q1) = b b$$

$$(q1, q0, q1) = b a \cup a$$

$$(q1, q1, q1) = a b$$

Eliminiamo p1

