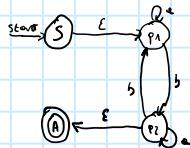


$$(A \cup B)^* = ((B^* \cup A^*)^*)^*$$

$$p_1 \longrightarrow p_0$$

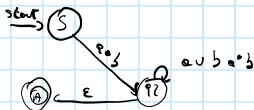
$$(A \cup B)^* = ((B^* \cup A^*)^*)^* = (B^* \cup A^*)^*$$



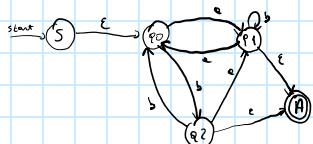
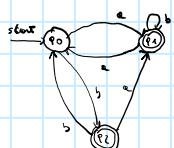
Togliamo  $p_1$

$$(S, p_1, q_2) = a^* b$$

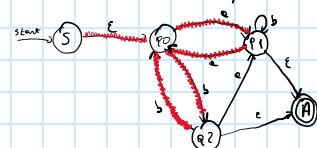
$$(q_2, p_1, q_2) = b a^* b$$



$$(S, q_2, A) = a^* b (a \cup b a^* b)^*$$



Cominciamo eliminando  $p_0$



$$(S, p_0, p_1) = a$$

$$(p_1, p_0, p_1) = aa \cup b$$

$$(S, p_0, q_2) = bb$$

$$(q_2, p_0, q_2) = ba \cup a$$

$$(q_2, p_1, q_3) = ab$$

Rimoviamo  $p_1$

