

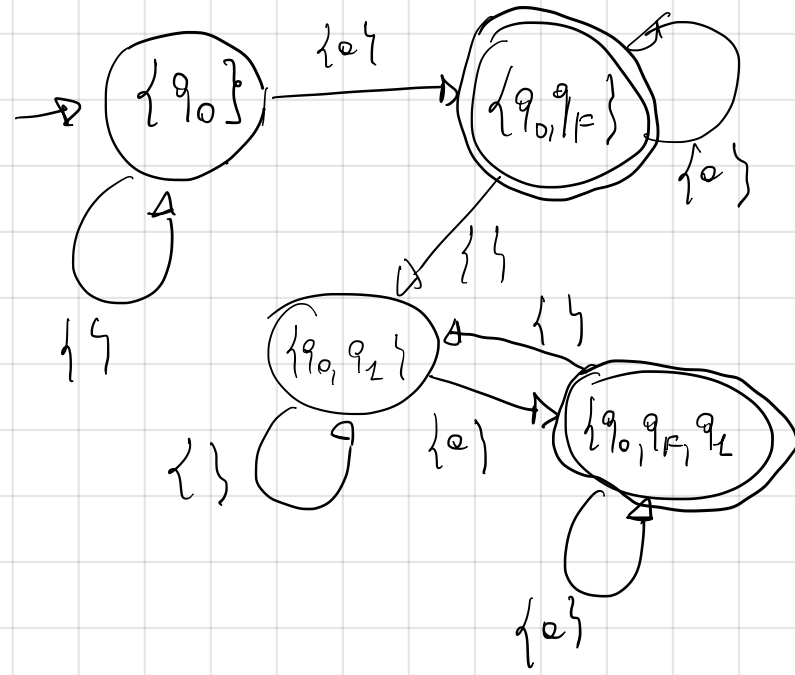
$$AP = \{e\}$$

$$\Sigma = \Sigma^{AP} = \{\epsilon, \{e\}\}$$

### SUBSET CONSTRUCTION of B

States of B are  $\subseteq 2^{\text{States of A}}$

e.g.  $\{q_0\}, \{q_0, q_1\}, \dots$



	$\{e\}$	$\{e\}$
$\{q_0\}$	$\{q_0\}$	$\{q_0, q_F\}$
$\{q_0, q_F\}$	$\{q_0, q_1\}$	$\{q_0, q_F\}$
$\{q_0, q_1\}$	$\{q_0, q_1\}$	$\{q_0, q_F, q_1\}$
$\{q_0, q_F, q_1\}$	$\{q_0, q_1\}$	$\{q_0, q_F, q_1\}$