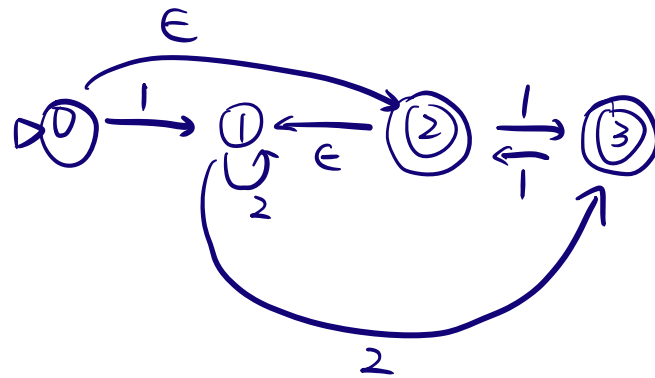
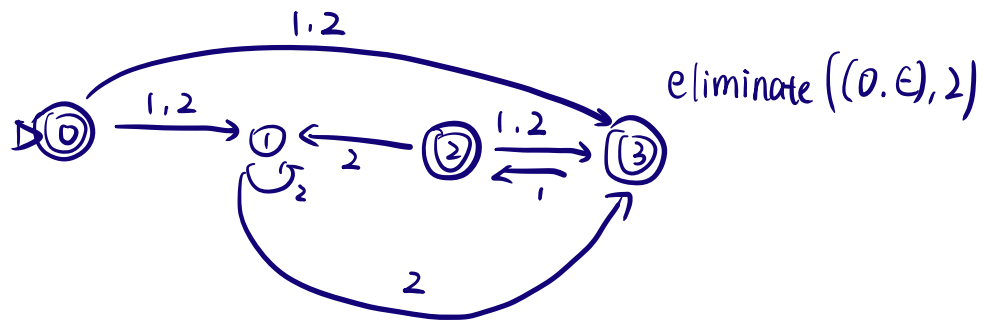
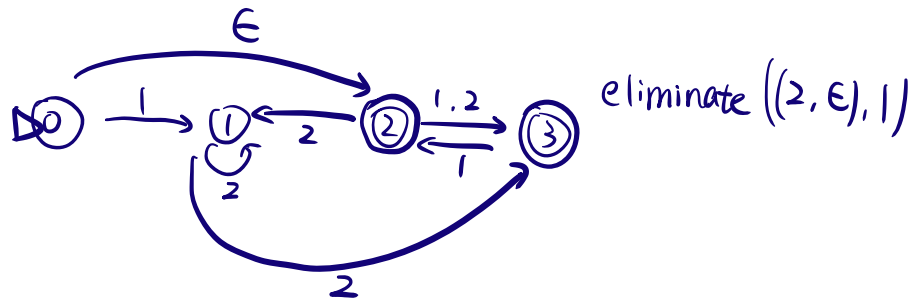


$\Sigma$ -NFA



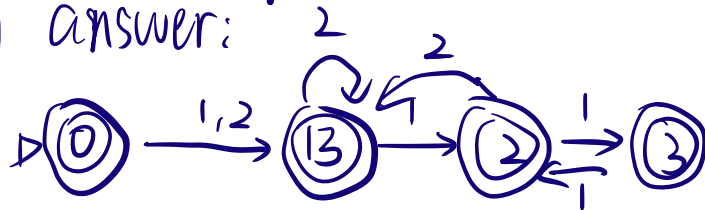
$\Sigma$ -free-NFA



DFA

	1	2
*0	1,3	1,3
1	$\emptyset$	1,3
*2	*3	1,3
*3	*2	$\emptyset$
*q <sub>0</sub>	*q <sub>13</sub>	*q <sub>13</sub>
*q <sub>13</sub>	*q <sub>2</sub>	*q <sub>13</sub>
*q <sub>2</sub>	*q <sub>3</sub>	*q <sub>13</sub>
*q <sub>3</sub>	*q <sub>2</sub>	$\emptyset$

human answer:



machine unoptimized answer:

