

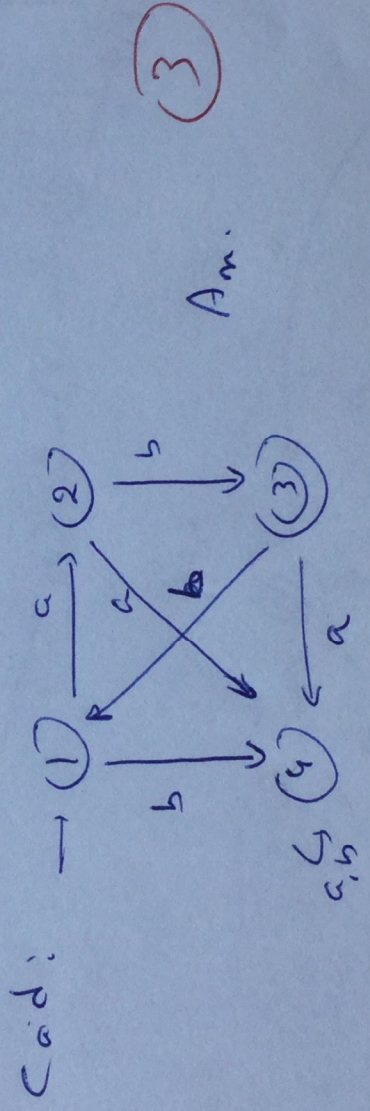
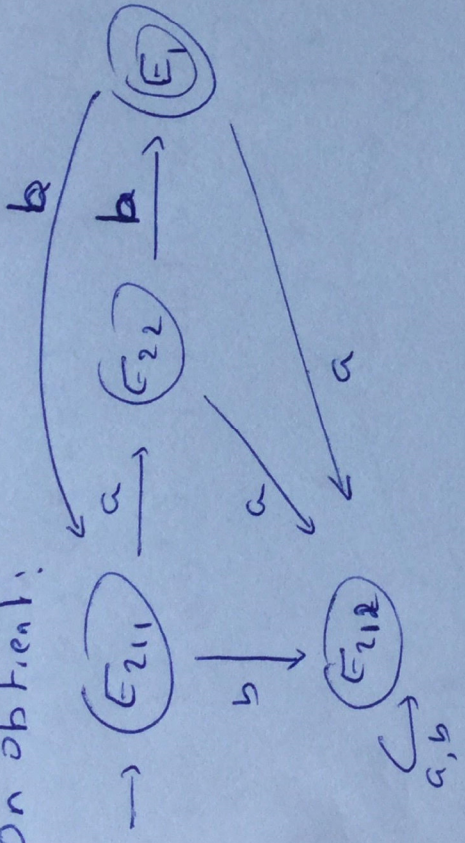
for Σ $E = E_1 \cup E_2 = \{3\} \cup \{1, 2, 4, 5, 6\}$. (2)

| | 1 | 2 | 3 | 4 | 5 | 6 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| a | $2 \in E_2$ | $6 \in E_2$ | $6 \in E_2$ | $5 \in E_2$ | $6 \in E_1$ | $6 \in E_1$ |
| b | $6 \in E_4$ | $3 \in E_1$ | $4 \in E_2$ | $6 \in E_2$ | $3 \in E_1$ | $6 \in E_2$ |

$E_2 = E_{21} \cup E_{22} = \{1, 4, 6\} \cup \{2, 5\}$ (3)

$E_{21} = E_{211} \cup E_{212} = \{1, 4\} \cup \{6\}$ (3)

on obtient:



e) $\left\{ \begin{array}{l} D_1 = a D_2 + b D_4 \\ D_2 = a D_4 + b D_3 \\ D_3 = a D_4 + b D_1 + \epsilon \\ D_4 = (a+b) D_4 = \phi \end{array} \right.$ (3) $\Rightarrow D_2 = b^2 D_1 + b$

Ans: $D_1 = ab^2 D_1 + ab$ (1)
 $L = D_1 = (ab^2)^* ab$. Parasuite $(ab^2)^* ab \equiv ab(bab)^*$ (3)