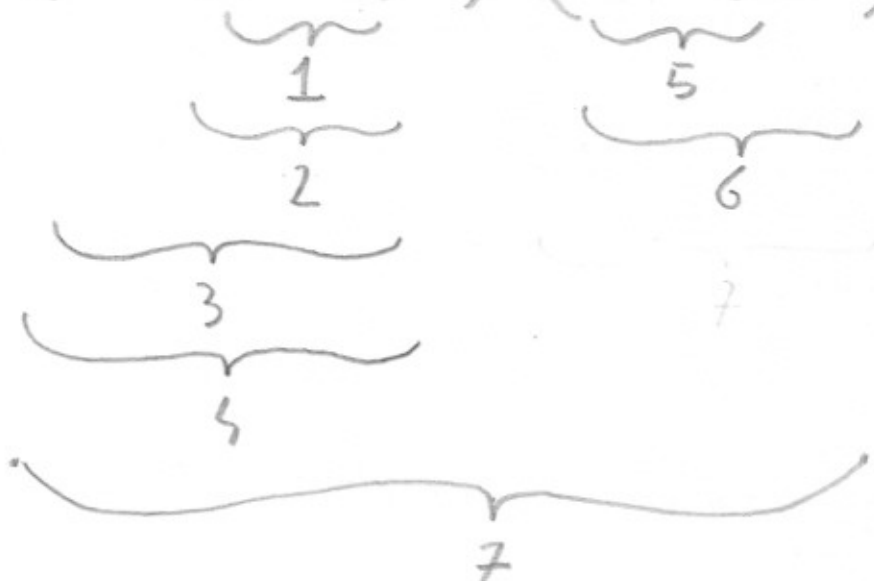


$$\Sigma = \{a, b\} \quad R = (a(bb)^*)^*(aa|\epsilon)^+ \quad \textcircled{L}$$

$$R = (a_1(b_2b_3)^*)^*(a_4a_5|\epsilon)^+$$



$$R = 7 \cdot \neg$$

$$7 = 4 \cdot 6$$

$$6 = 5 | \epsilon$$

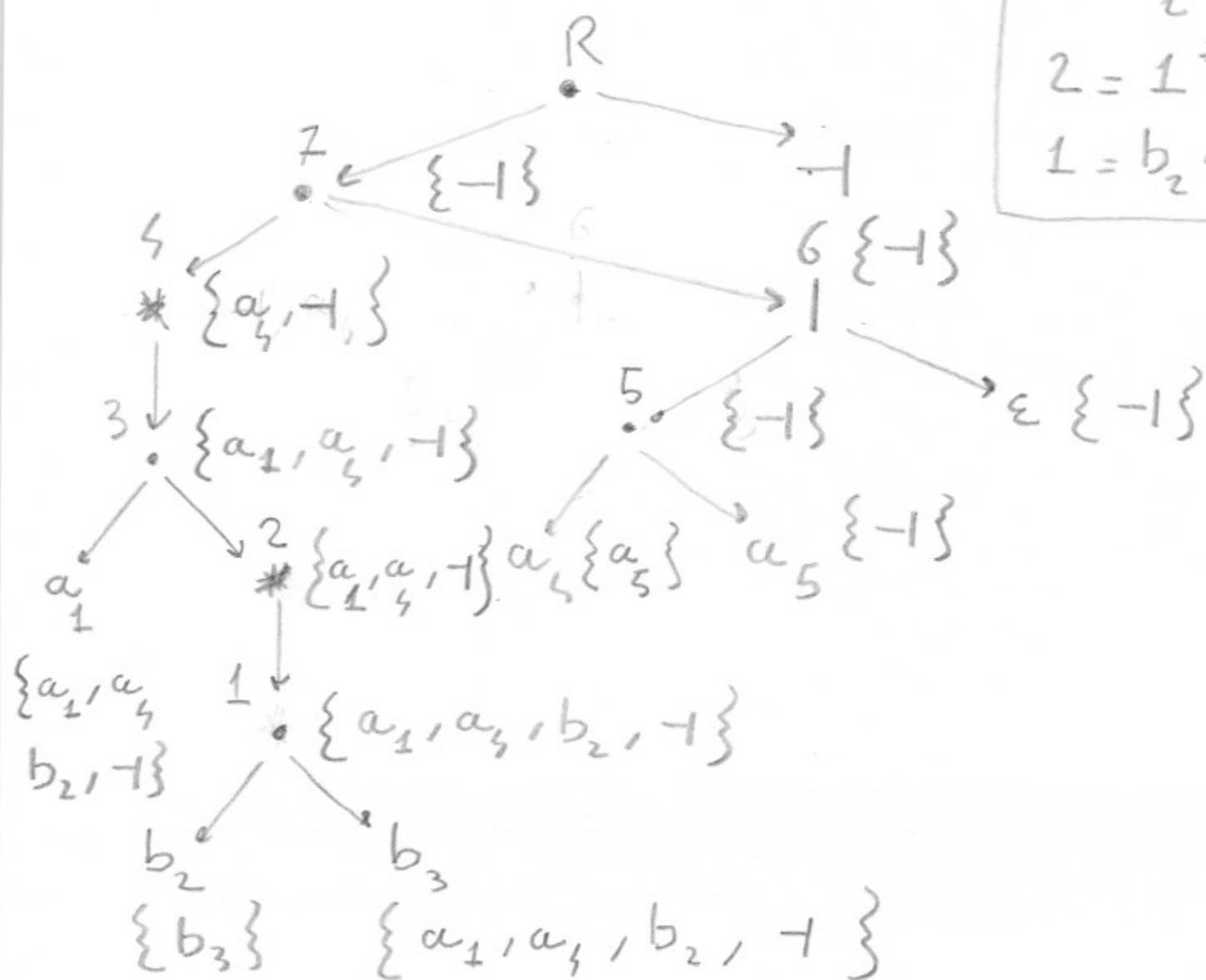
$$5 = a_4 \cdot a_5$$

$$4 = 3^*$$

$$3 = a_1 \cdot 2$$

$$2 = 1^*$$

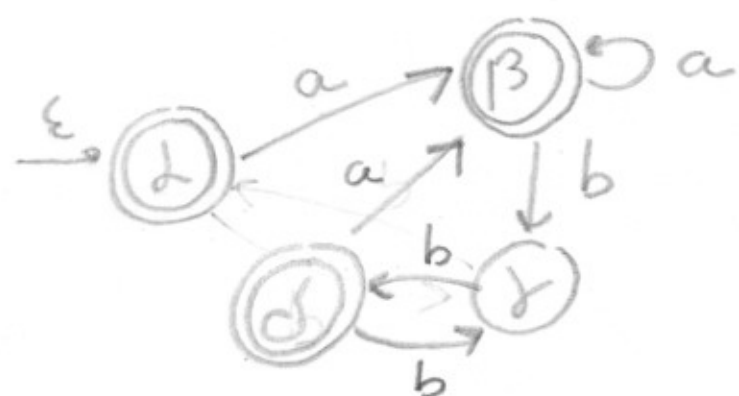
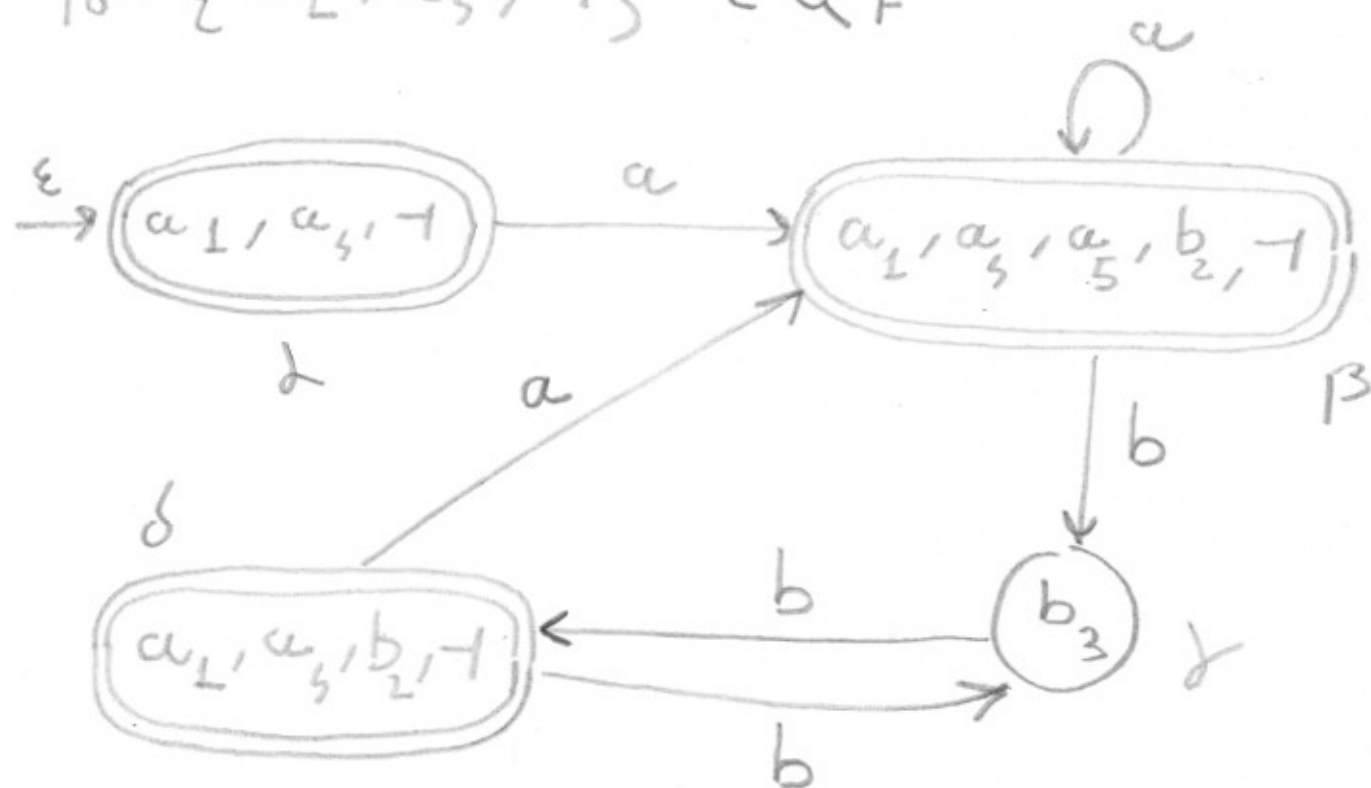
$$1 = b_2 \cdot b_3$$



$$A = (\bar{L}, Q, q_0, Q_F, \delta)$$

(2)

$$q_0 = \{a_1, a_3, \neg\} \in Q_F$$



α β γ δ
 A B C D

$$G \begin{cases} A \rightarrow \epsilon / aB \\ B \rightarrow \epsilon / aB / bC \\ C \rightarrow bD \\ D \rightarrow \epsilon / aB / bC \end{cases}$$

$G \neq \bar{e}$ ambigua

(invece $R \neq \bar{e}$ ambigua:

$$a_1 a_1 \in L(R)$$

$$a_3 a_3 \in L(R)$$