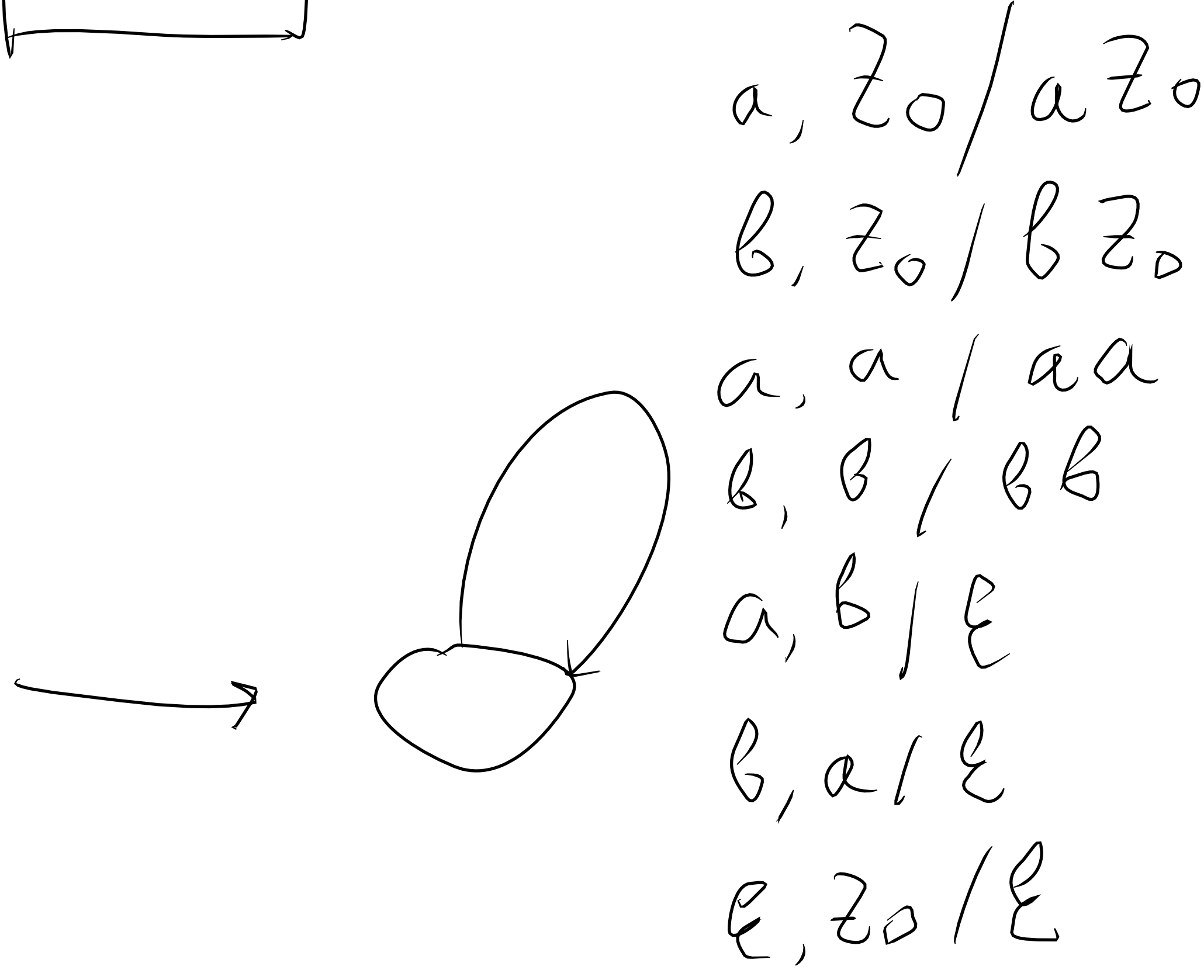


Задача 5

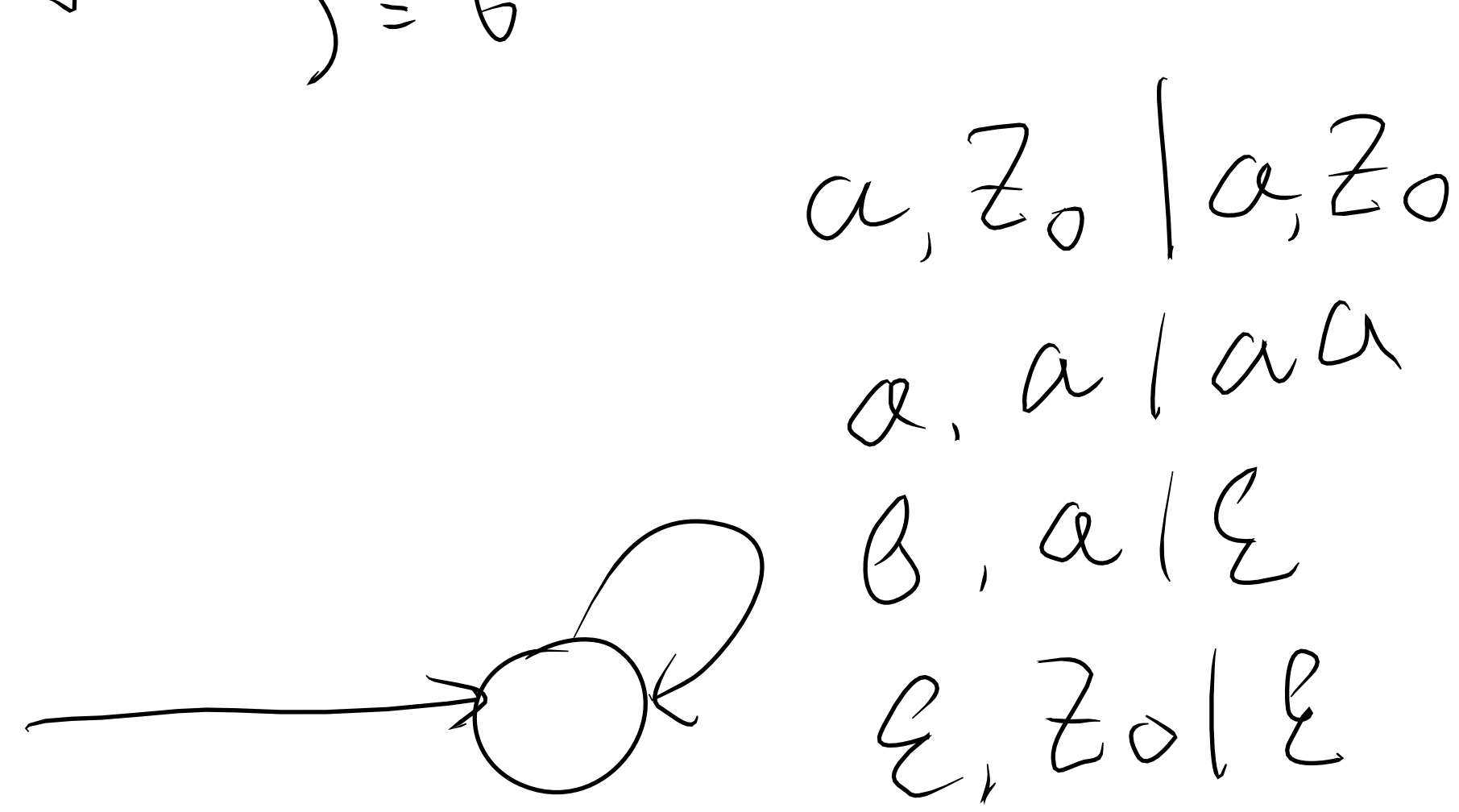
$$\Sigma = \{a, b\}$$

1 $L =$

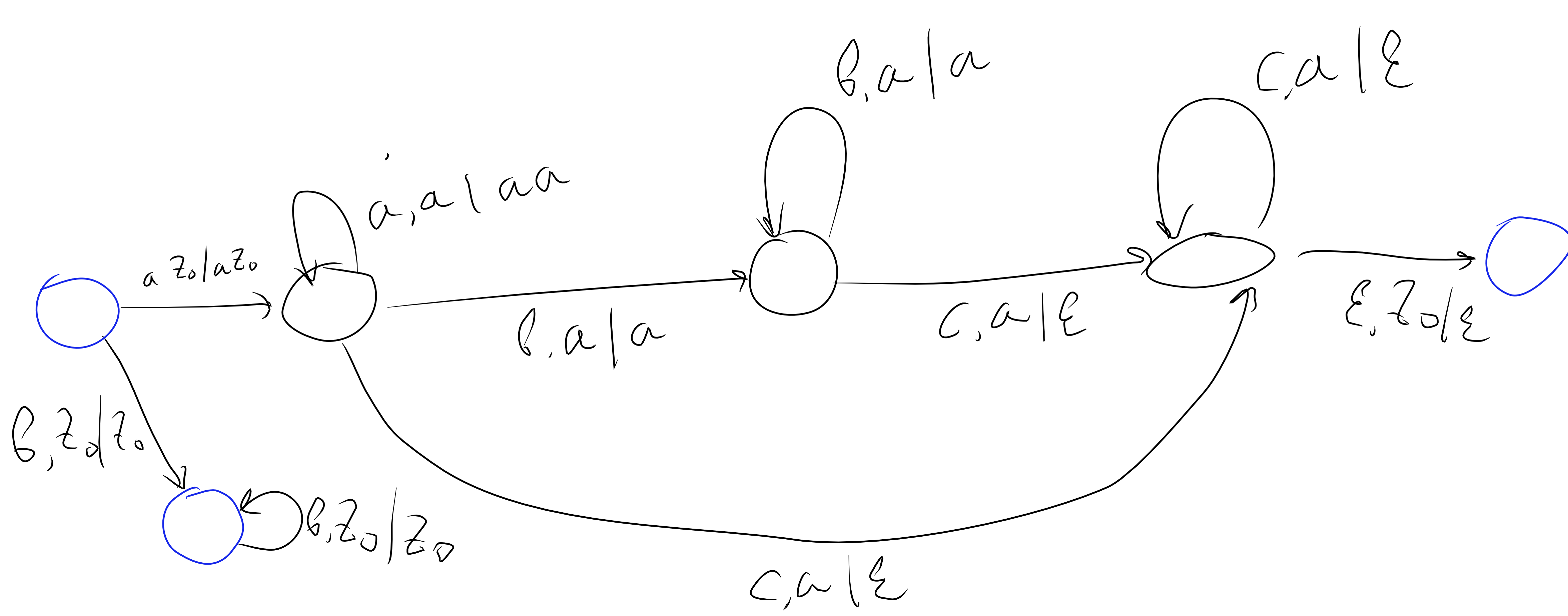


4 D_1

$$\begin{aligned} (&= a \\) &= b \end{aligned}$$



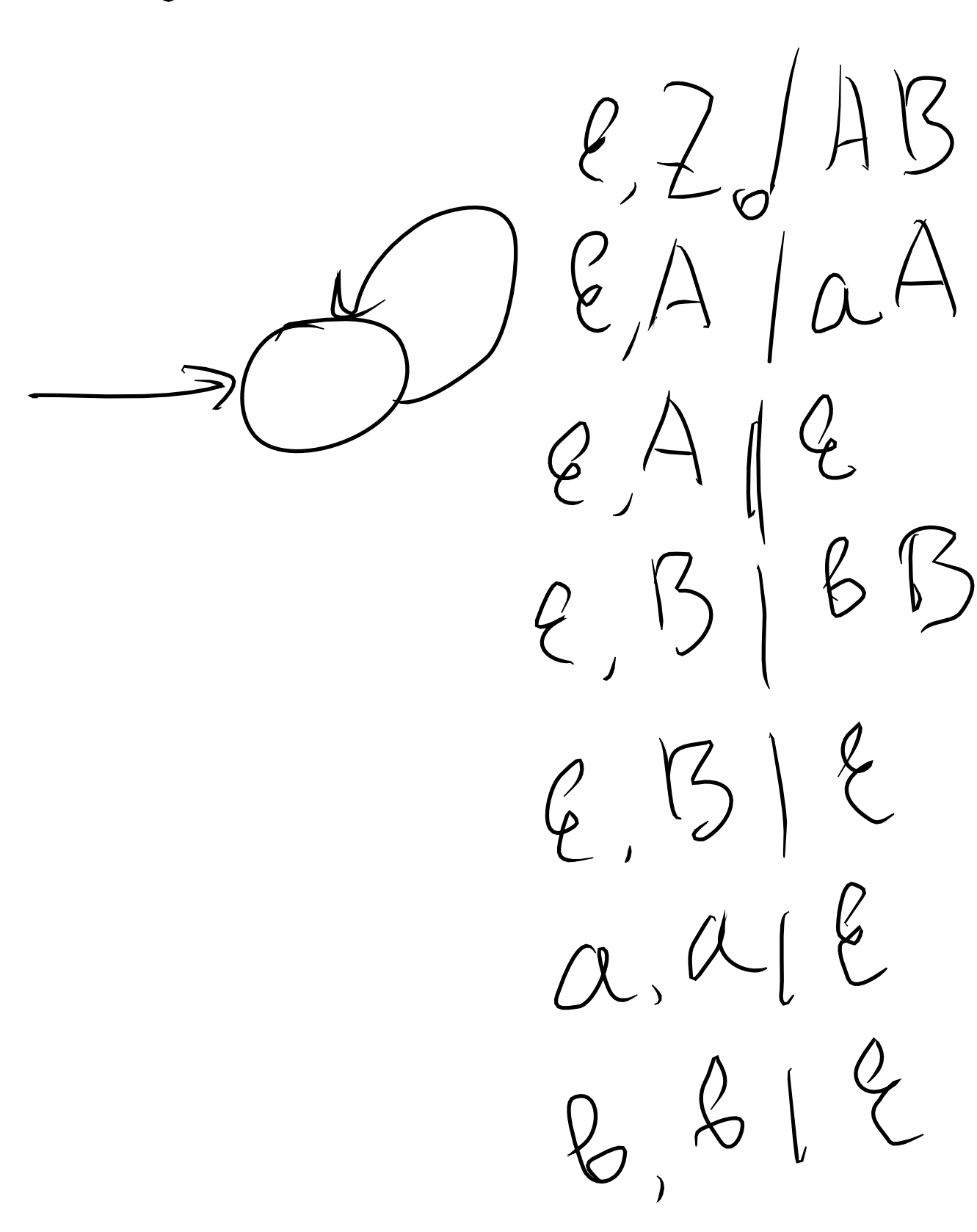
6 $L = \{a^n b^m c^n \mid m, n \geq 0\}$



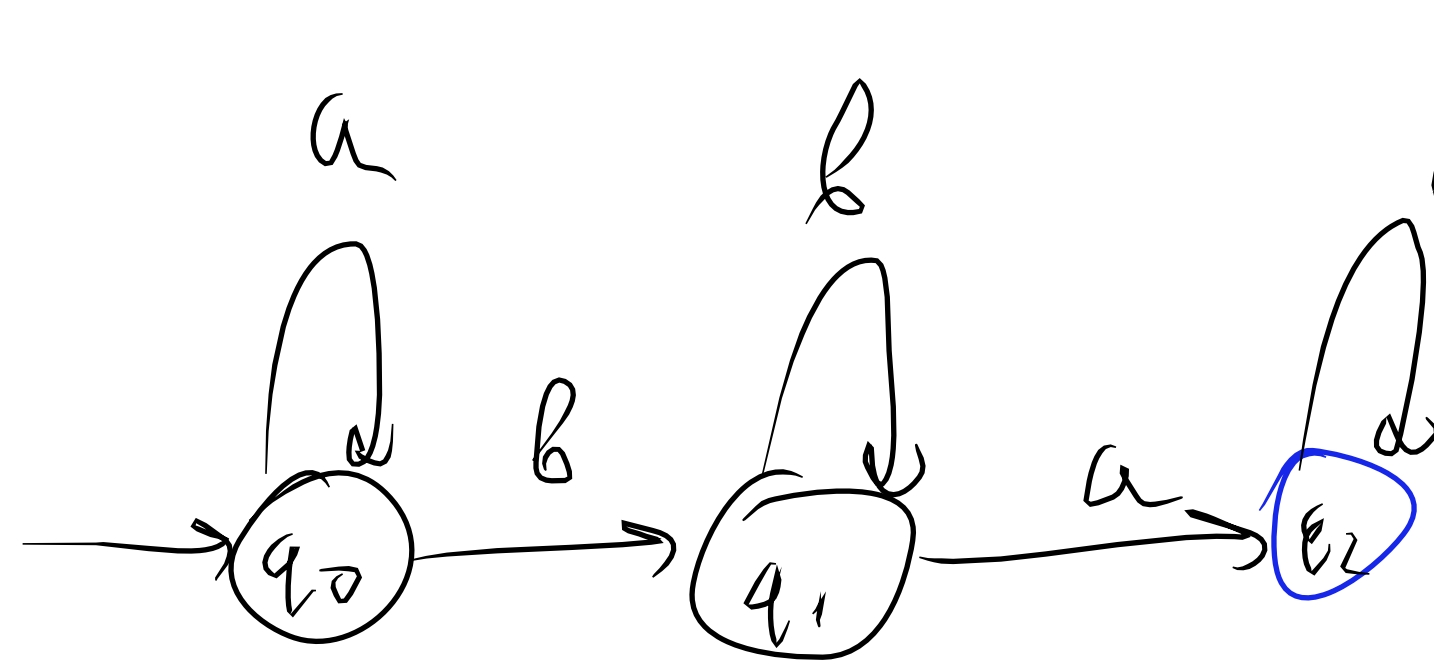
7 $S \rightarrow AB$

$$A \rightarrow aA \mid \epsilon$$

$$B \rightarrow bB \mid \epsilon$$

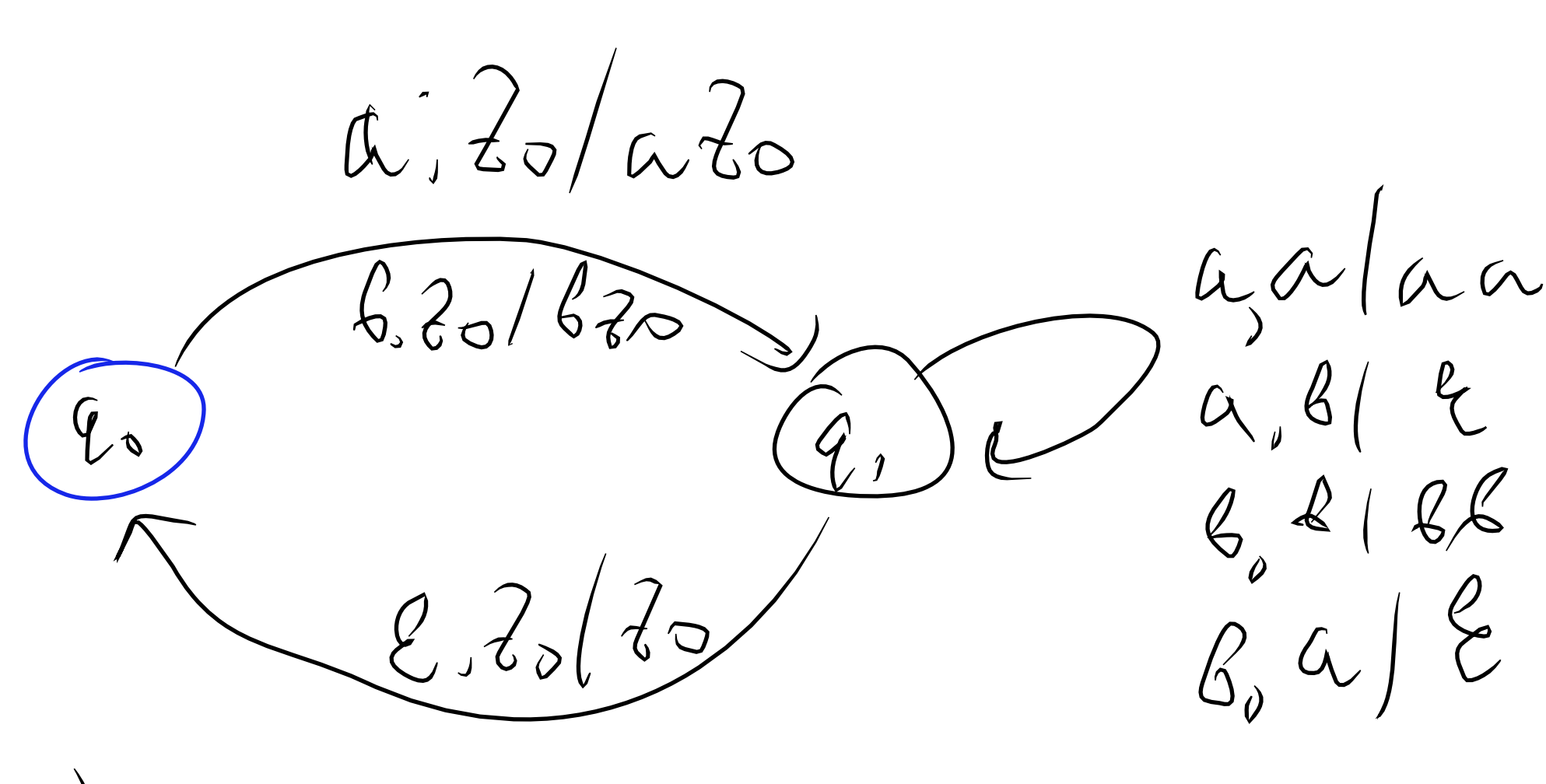


8 A :

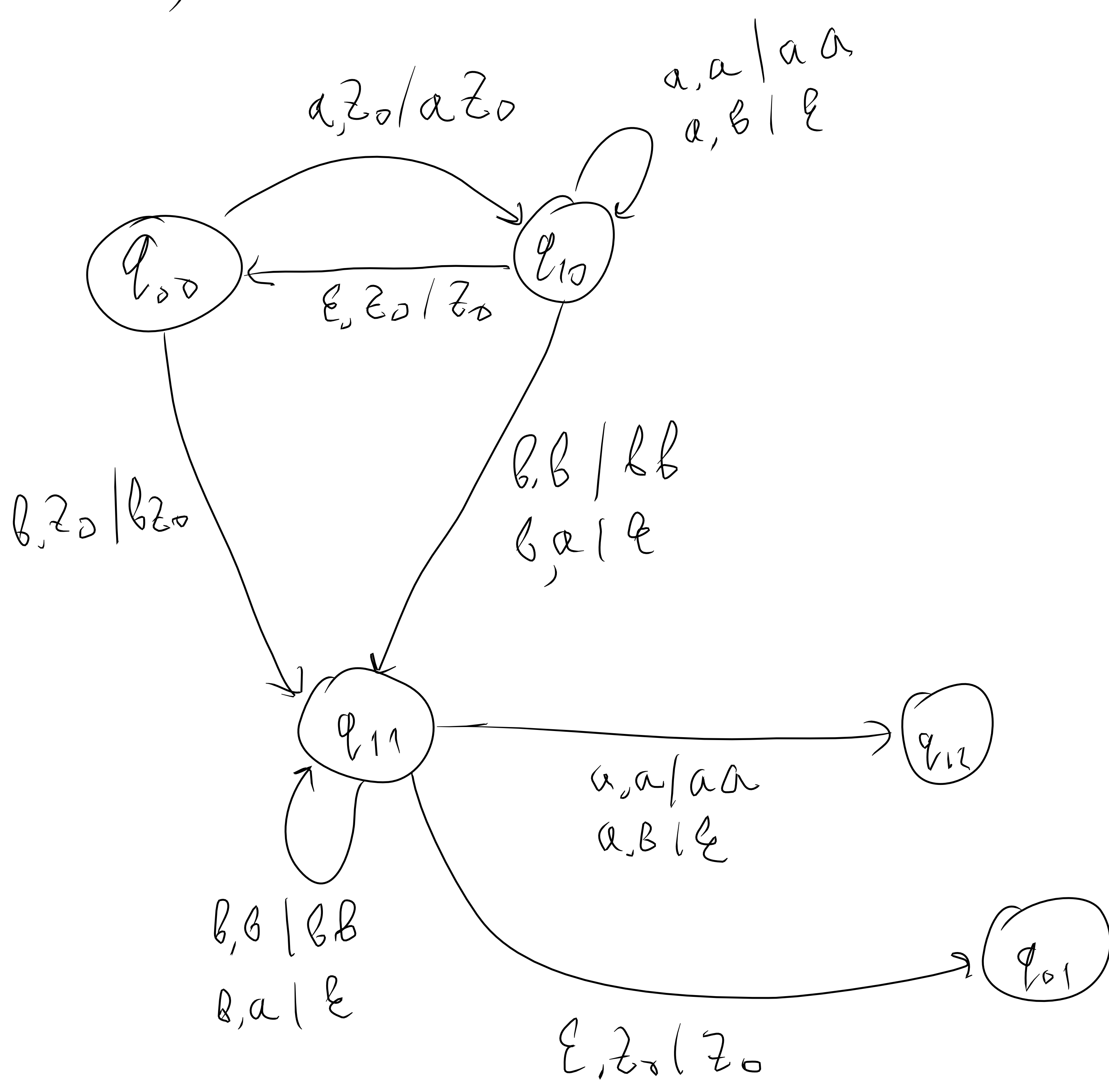


$$L = \{a^n b^m a(a|b)^*\}$$

$L =$:



index: (L, A)



11

$$S \rightarrow A|C$$

$$A \rightarrow aAB$$

$$C \rightarrow CB|C$$

$$A \rightarrow \epsilon$$

$$B \rightarrow b$$

\Rightarrow

$$S \rightarrow A|C|\epsilon$$

$$A \rightarrow aAB|aB$$

$$C \rightarrow CB|C$$

$$B \rightarrow \epsilon$$