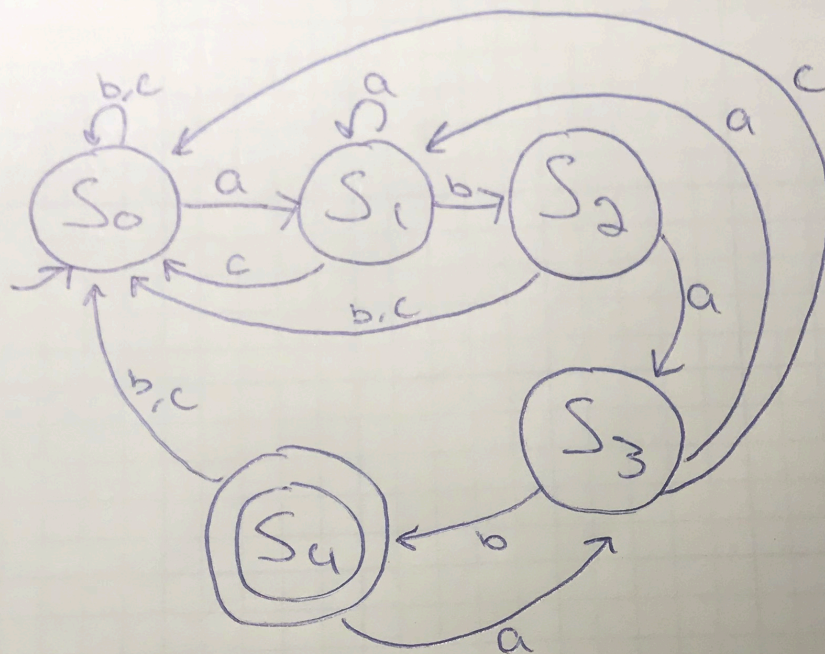


Pattern  $abab$   
 String  $\overset{a}{a}\overset{b}{b}\overset{a}{a}\overset{b}{b}\overset{a}{a}\overset{b}{b}\overset{c}{c}$   $\Sigma = \{a, b, c\}$



$S_0 \rightarrow S_1$  {a} bababc

$S_1 \rightarrow S_2$  {ab} ababc

$S_2 \rightarrow S_3$  {aba} babc

$S_3 \rightarrow S_4$  {abab} abc

match [4]

$S_4 \rightarrow S_3$  {abab} bc

$S_3 \rightarrow S_4$  {abab} c

match [4, 6]

$S_4 \rightarrow S_0$  {c} eof