

SCE-7

② Construct a DFA for the language that contains the string ending with 0. Eliminate unit production in the grammar.

$S \rightarrow A$  /  $bb$   $A \rightarrow B$  /  $b$   
 $B \rightarrow S$  /  $a$

$M = (Q, \Sigma, S, q_0, F)$

$q_0$  = initial state

$\Sigma = \{0, 1\}$

$F$  = final state

