

2.1

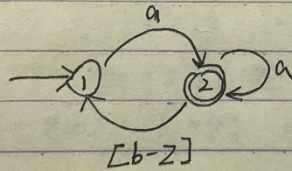
$\varphi. a | a [a-z]^* a$

(2) $0 | [1-9] [0-9]^*$

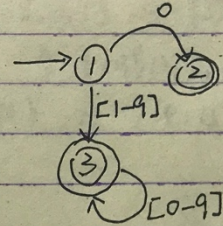
(3) $[0-9]^* [02468]$

2.8

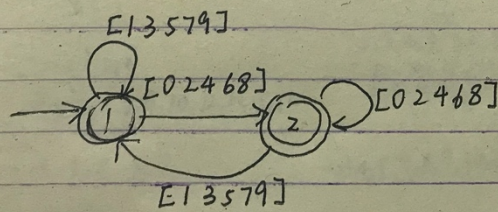
$\varphi.$



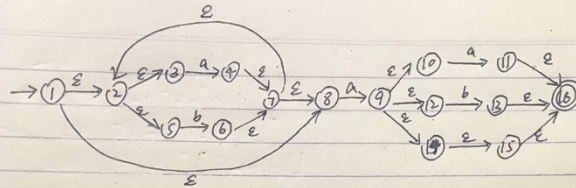
(2)



(3)



2.12



$\bar{1} = \{1, 2, 3, 5, 8\}$ $\bar{2} = \{2, 3, 5\}$ $\bar{3} = \{3\}$ $\bar{4} = \{7, 2, 8, 9, 5\}$ $\bar{5} = \{5\}$ $\bar{6} = \{16\}$
 $\bar{6} = \{7, 6, 2, 3, 5, 8\}$ $\bar{7} = \{2, 3, 5, 8, 7\}$ $\bar{8} = \{8\}$ $\bar{9} = \{10, 12, 14, 15, 16\}$
 $\bar{10} = \{10\}$ $\bar{11} = \{11, 16\}$ $\bar{12} = \{12\}$ $\bar{13} = \{13, 16\}$ $\bar{14} = \{14, 15, 16\}$ $\bar{15} = \{15, 16\}$

S_1	S_1'	S_1''	S_1''
$\{1, 2, 3, 5, 8\}$	$\{1, 2, 3, 5, 8\}$	$\{2, 3, 4, 5, 7, 8, 9, 10, 12, 14, 15, 16\}$	$\{6, 7, 2, 3, 5, 8\}$
$\{4, 9\}$	$\{2, 3, 4, 5, 7, 8, 9, 10, 12, 14, 15, 16\}$	$\{2, 3, 4, 5, 7, 8, 9, 10, 12, 14, 15, 16\}$	$\{2, 3, 5, 6, 7, 8, 13, 16\}$
$\{6\}$	$\{2, 3, 5, 8, 6, 7\}$	$\{2, 3, 4, 5, 7, 8, 9, 10, 12, 14, 15, 16\}$	$\{2, 3, 5, 6, 7, 8\}$
$\{11\}$	$\{11, 16, 14, 15, 2, 3, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16\}$	$\{2, 3, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 11\}$	$\{2, 3, 5, 6, 7, 8, 13, 16\}$
$\{6, 13\}$	$\{2, 3, 5, 6, 7, 8, 13, 16\}$	$\{2, 3, 4, 5, 7, 8, 9, 10, 12, 14, 15, 16\}$	$\{2, 3, 5, 6, 7, 8\}$

