

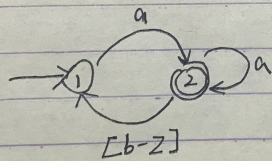
2.1

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

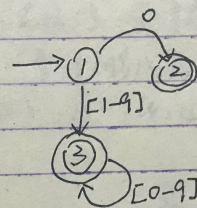
(2)  $0 | [1-9][0-9]^*$

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

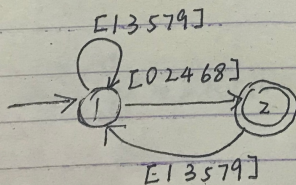
2.8  $\varphi$ .



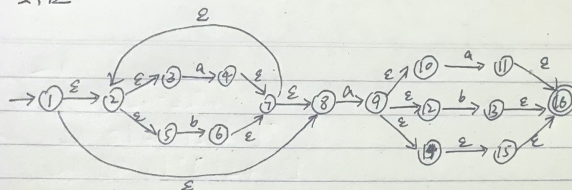
(2)



(3)



2.12



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

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

