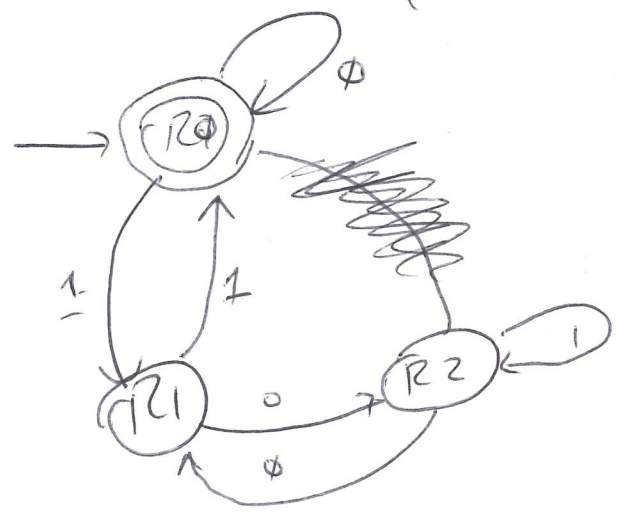


2

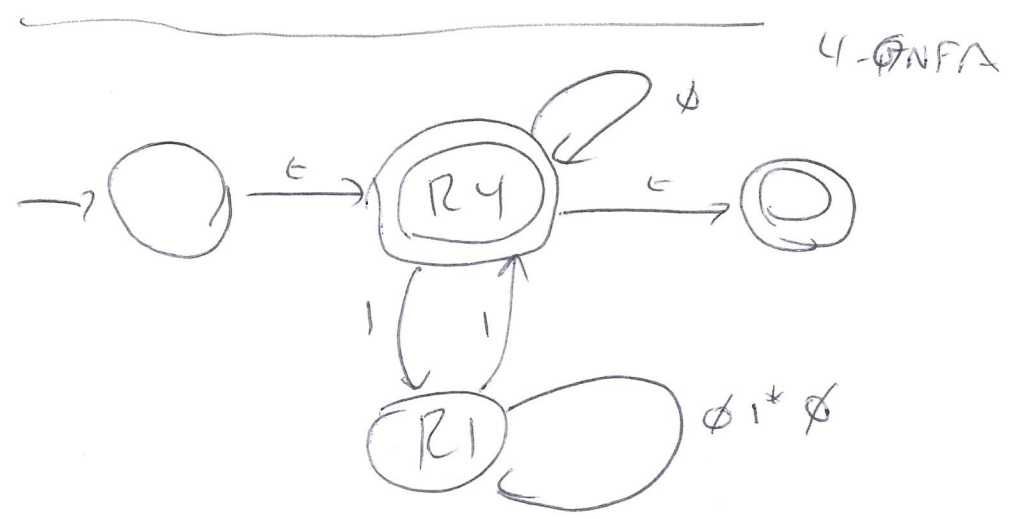
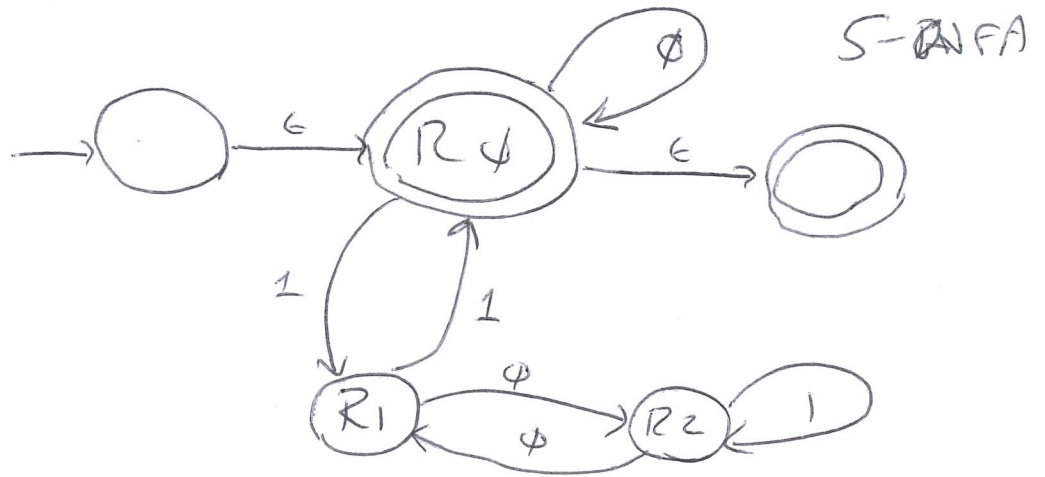
$$R_i R_j \rightarrow R_{(2+i+j) \% 3}$$

$R\phi$	ϕ	$R\phi$
$R\phi$	1	$R1$
$R1$	ϕ	$R2$
$R1$	1	$R\phi$
$R2$	ϕ	$R1$
$R2$	1	$R2$

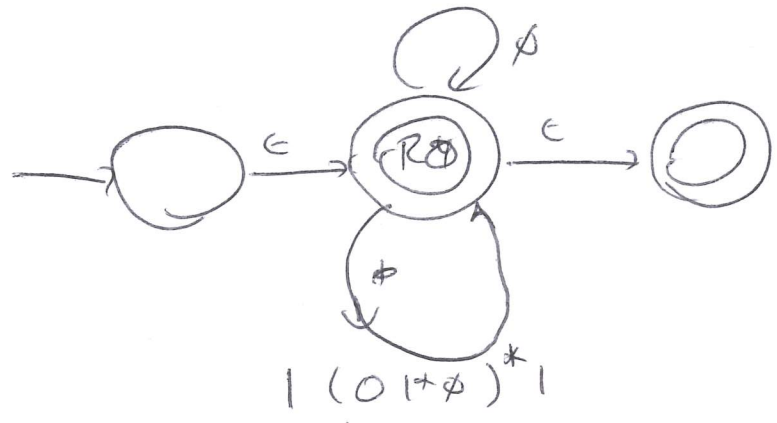


3-DFA

B



8



$$\left(\emptyset + | (0 1 + \emptyset)^* | \right)^*$$

(Red annotations below the equation)

$m = \emptyset$ (under the first \emptyset)

$m = 1$ (under the first \emptyset in the star)

$m = 2$ (under the second \emptyset in the star)

$m = 2$ (under the first \emptyset in the star)

$m = 1$ (under the second \emptyset in the star)

$m = \emptyset$ (under the final \emptyset)