Tugas - ε-NFA ke DFA

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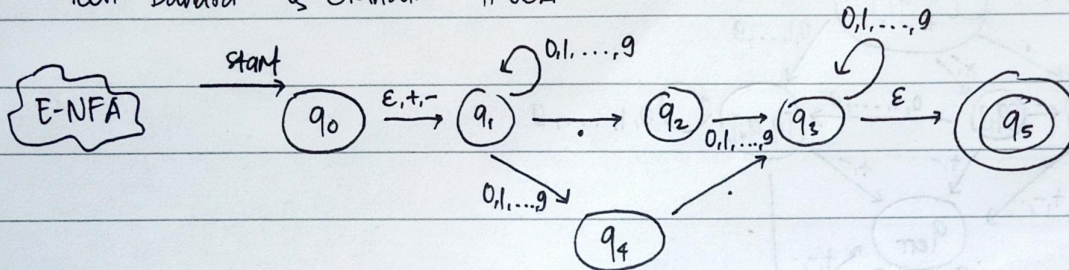
δ_E	+	−	.	0, 1, …, 9	ECLOSE
→q_0	{q_1}	{q_1}	∅	∅	{q_0, q_1}
q_1	∅	∅	{q_2}	{q_1, q_4}	{q_1}
q_2	∅	∅	∅	{q_3}	{q_2}
q_3	∅	∅	∅	{q_3}	{q_3, q_5}
q_4	∅	∅	{q_3}	∅	{q_4}
*q_5	∅	∅	∅	∅	{q_5}

δ_D	+	−	.	0, 1, …, 9
→$[q_0, q_1]$	$[q_1]$	$[q_1]$	$[q_2]$	$[q_1, q_4]$
$[q_1]$	q_{err}	q_{err}	$[q_2]$	$[q_1, q_4]$
$[q_2]$	q_{err}	q_{err}	q_{err}	$[q_3, q_5]$
$[q_1, q_4]$	q_{err}	q_{err}	$[q_2, q_3, q_5]$	$[q_1, q_4]$
*$[q_3, q_5]$	q_{err}	q_{err}	q_{err}	$[q_3, q_5]$
*$[q_2, q_3, q_5]$	q_{err}	q_{err}	q_{err}	$[q_3, q_5]$
q_{err}	q_{err}	q_{err}	q_{err}	q_{err}

start

$[q_0, q_1]$

$0,1,\ldots,9$

$x, .$

$[q_2]$ ← $[q_1]$ → $[q_1, q_4]$ ⟲ $0,1,\ldots,9$

$0,1,\ldots,9$

$t, -$

$t, -$

$t, -, .$

q_{err}

$0,1,\ldots,9$

$x, -, .$

$t, -, .$

any symbol

$[q_3, q_5]$ ← $[q_2, q_3, q_5]$

$0,1,\ldots,9$

$0,1,\ldots,9$