

$$\delta(q_1, b) = (q_2, c, L)$$

$a$	$q_1$	$b$
$q_2$	$a$	$c$

$$\delta(q_1, b) = (q_2, a, R)$$

$a$	$q_1$	$b$
$a$	$a$	$q_2$

$$\delta(q_1, a) = (q_1, b, R)$$

$a$	$a$	$q_1$
$a$	$a$	$b$

$\#$	$b$	$a$
$\#$	$b$	$a$

any transition

$a$	$b$	$a$
$a$	$b$	$q_2$

$$\delta(q_1, b) = (q_2, c, L)$$

$b$	$b$	$b$
$c$	$b$	$b$

$$\delta(q_1, b) = (q_2, c, L)$$