

X	A_n	B_n	$\overline{B_n}$	A_{n+1}	B_{n+1}
0	0	0	1	1	0
0	0	1	0	1	0
0	1	0	1	0	1
0	1	1	0	0	0
1	0	0	1	0	0
1	0	1	0	0	0
1	1	0	1	0	1
1	1	1	0	0	0



nor — \square

nor
 A 0 0
 X 0 0

JK
 1

nor
 A 0 0 0 0 1 1 1
 X 0 0 1 1 0 0

output
 1 1
 1 1

Q_{next}

$H = \overline{Q} = \overline{a}$ and
 00 Q no change

X 0 0 0 0 1 1 1
 A 0 0 1 1 0 0 0

output
 J 1 0 0 0 0 0 0
 K 1 1 0 0 0 0 0 0
 A 0 0 0 0 0 0 0 0
 A 0 0 0 0 1 1 0 0