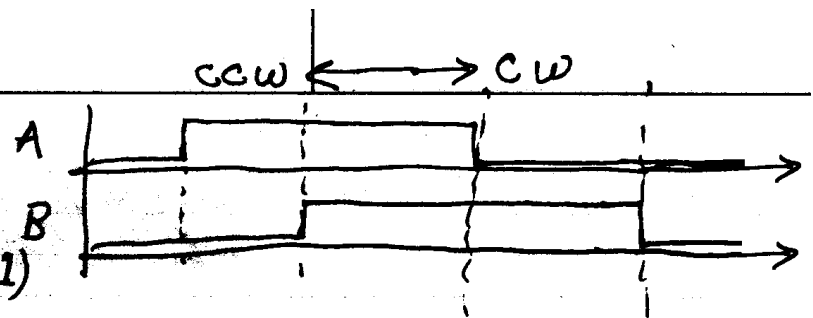


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\hat{A}	\hat{B}	AB	Chng	Dir _(cw=1)
0	0	0	0	X
0	0	0	1	0
0	0	1	1	1
0	0	1	0	X
<hr/>				
0	1	0	1	1
0	1	0	0	X
0	1	1	0	X
0	1	1	1	0
<hr/>				
1	0	0	1	0
1	0	0	0	X
1	0	1	0	X
1	0	1	1	1
<hr/>				
1	1	0	0	X
1	1	0	1	1
1	1	1	1	0
1	1	1	0	X

\hat{A}	\hat{B}				
AB		00	01	11	10
00		0	1	0	1
01		1	0	1	0
11		0	1	0	1
10		1	0	1	0

$$\text{Chng} = (\hat{A} \oplus A) + (\hat{B} \oplus B)$$

\hat{A}	\hat{B}				
AB		00	01	11	10
00		X	1	X	0
01		0	X	1	X
11		X	0	X	1
10		1	X	0	X

$$\text{Dir} = \bar{A} \cdot \hat{B} + A \cdot \bar{\hat{B}} = (A \oplus \hat{B})$$