

$$1-) D_A = X \oplus \bar{B} \quad D_B = X + A$$

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$$2-) A \oplus B = Z$$

$$3-) A(t+1) = D_A = X \oplus \bar{B}(t) \quad B(t+1) = D_B = X + A(t)$$

X	A(t)	B(t)	A(t+1)	B(t+1)	Z
0	0	0	1	0	1
0	0	1	0	0	0
0	1	0	1	1	0
0	1	1	0	1	1
1	0	0	0	1	1
1	0	1	1	1	0
1	1	0	0	1	1
1	1	1	1	1	0

$$AB = 00, 01, 10, 11$$

