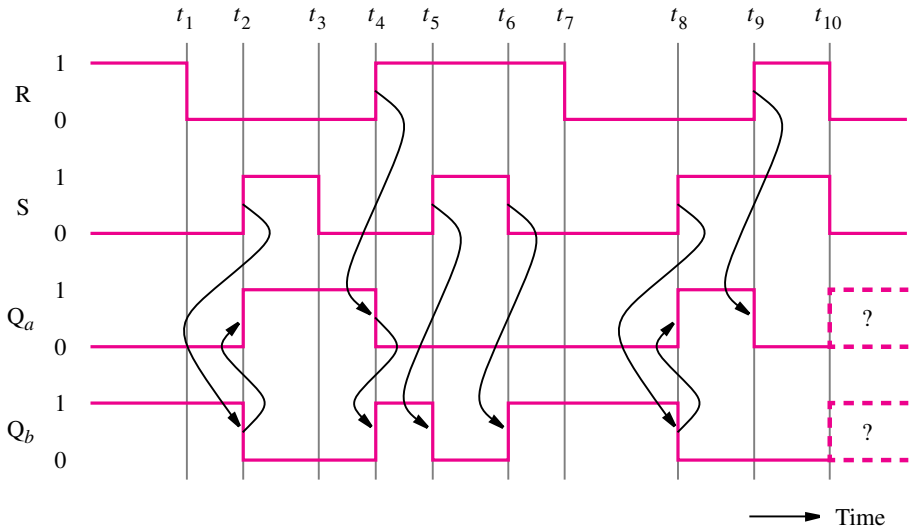


(a) Circuit

S	R	Q_a	Q_b	
0	0	0/1	1/0	(no change)
0	1	0	1	
1	0	1	0	
1	1	0	0	

(b) Characteristic table



(c) Timing diagram

Figure 5.4 A basic latch built with NOR gates.