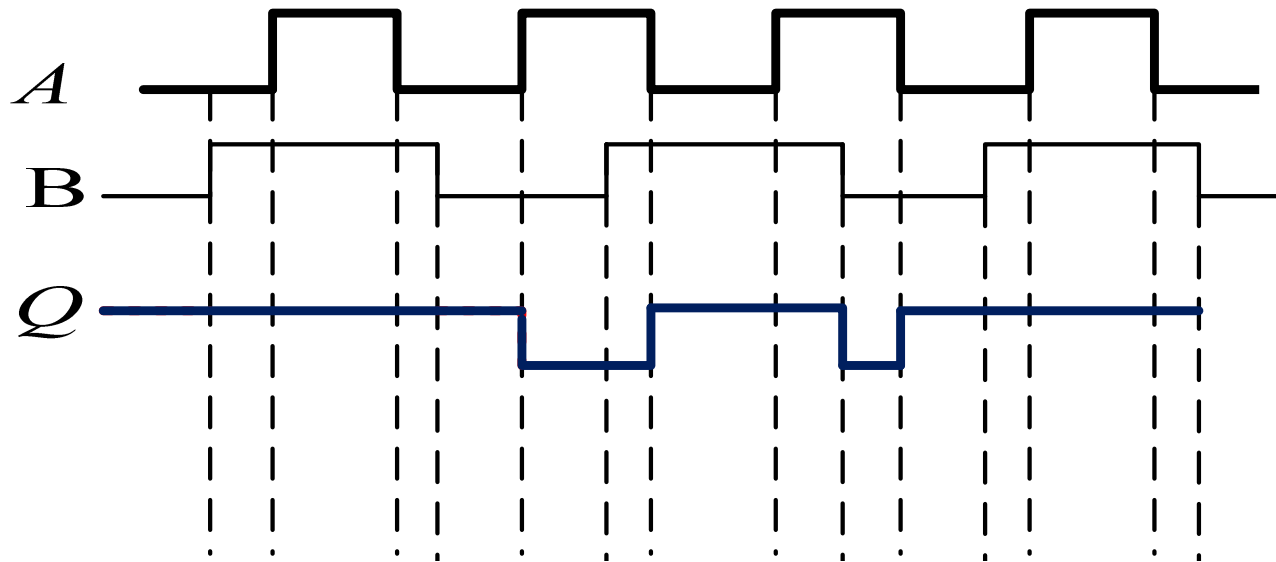
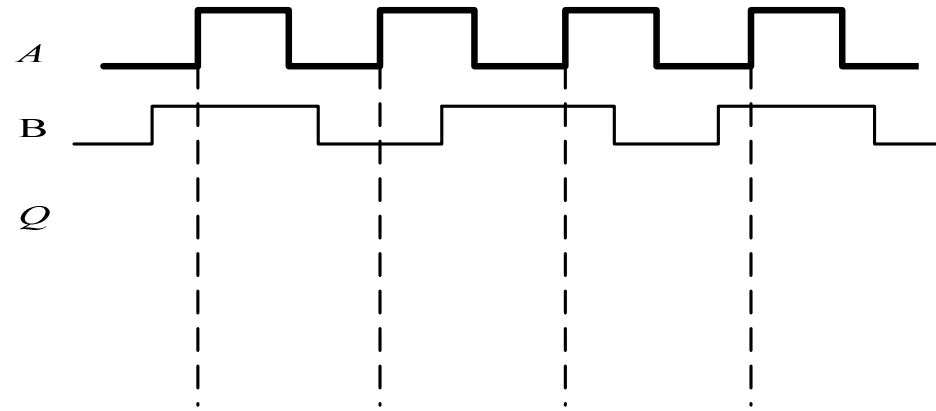
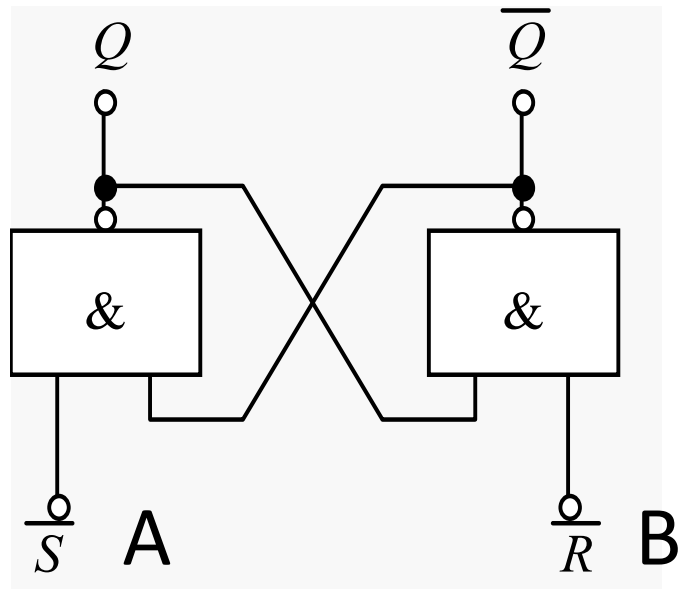
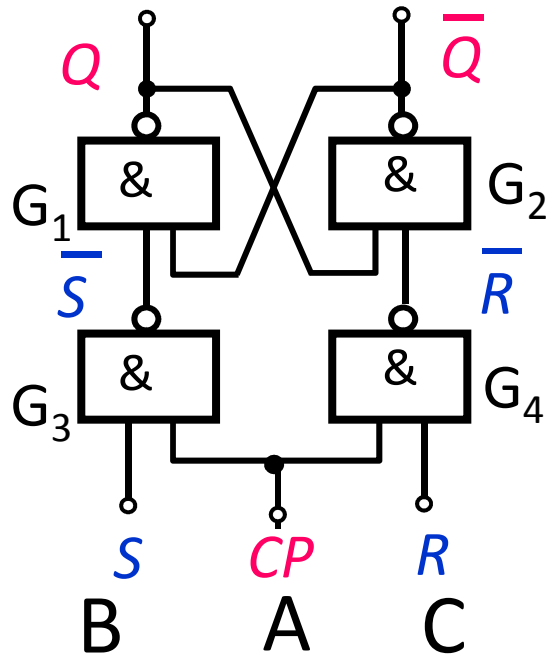


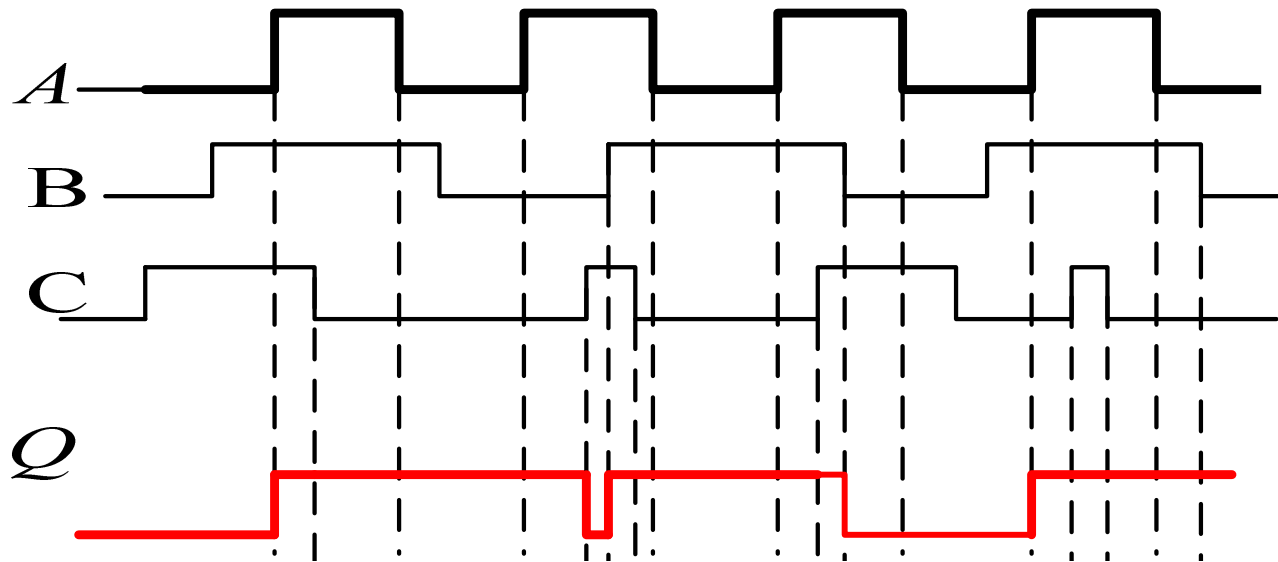
## 4.3.1

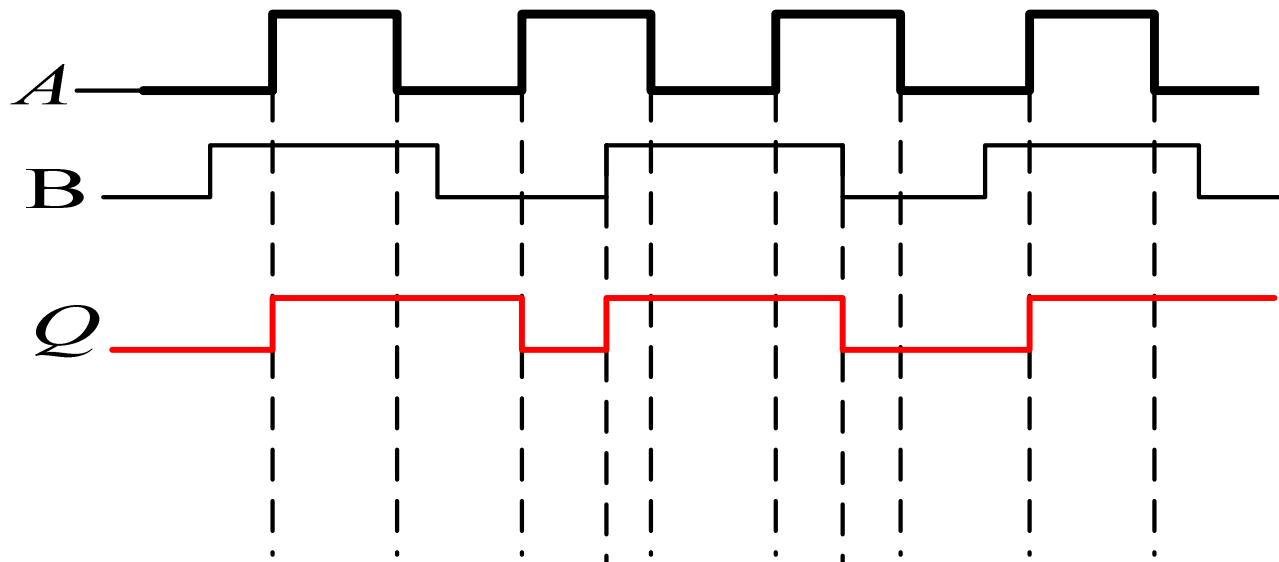
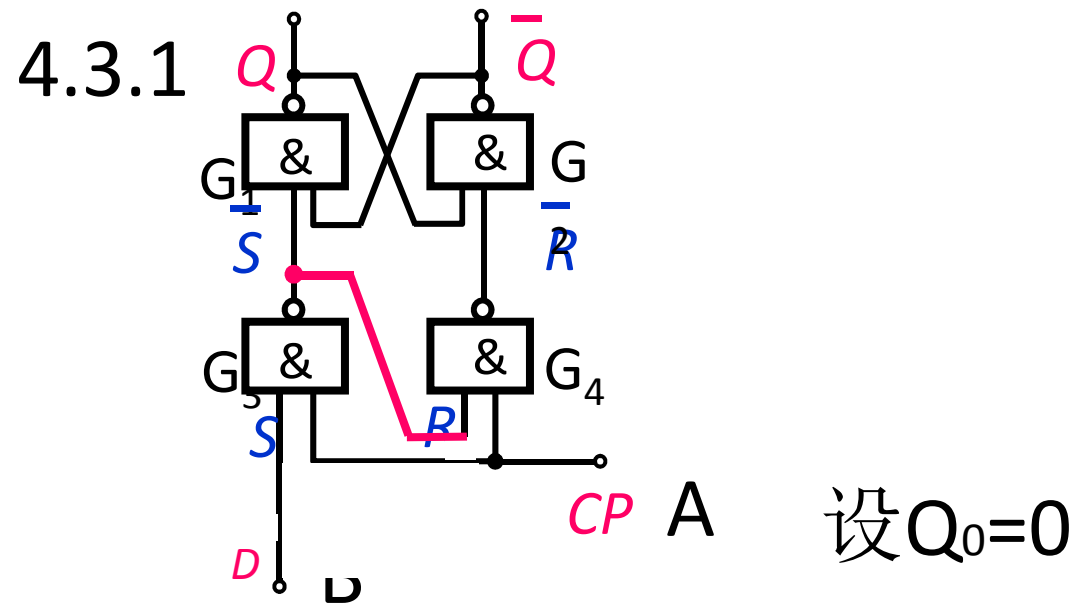


### 4.3.1



设  $Q_0=0$

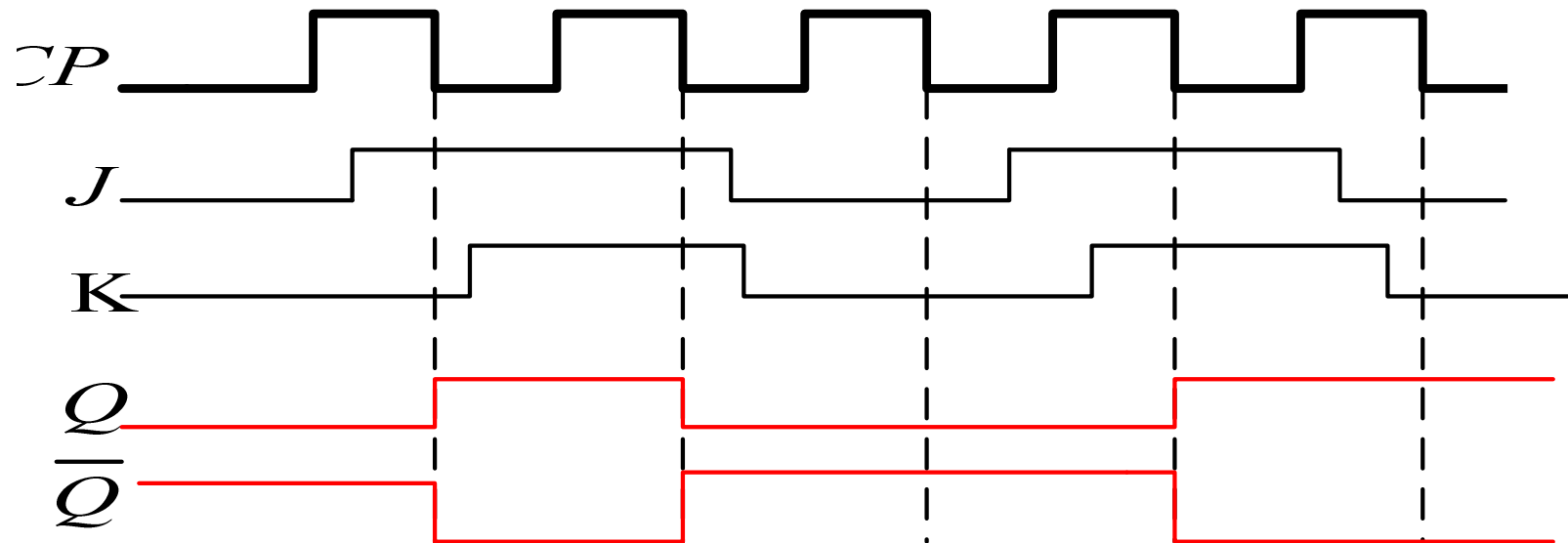




## 4.4 特性表

*CP*下降沿触发

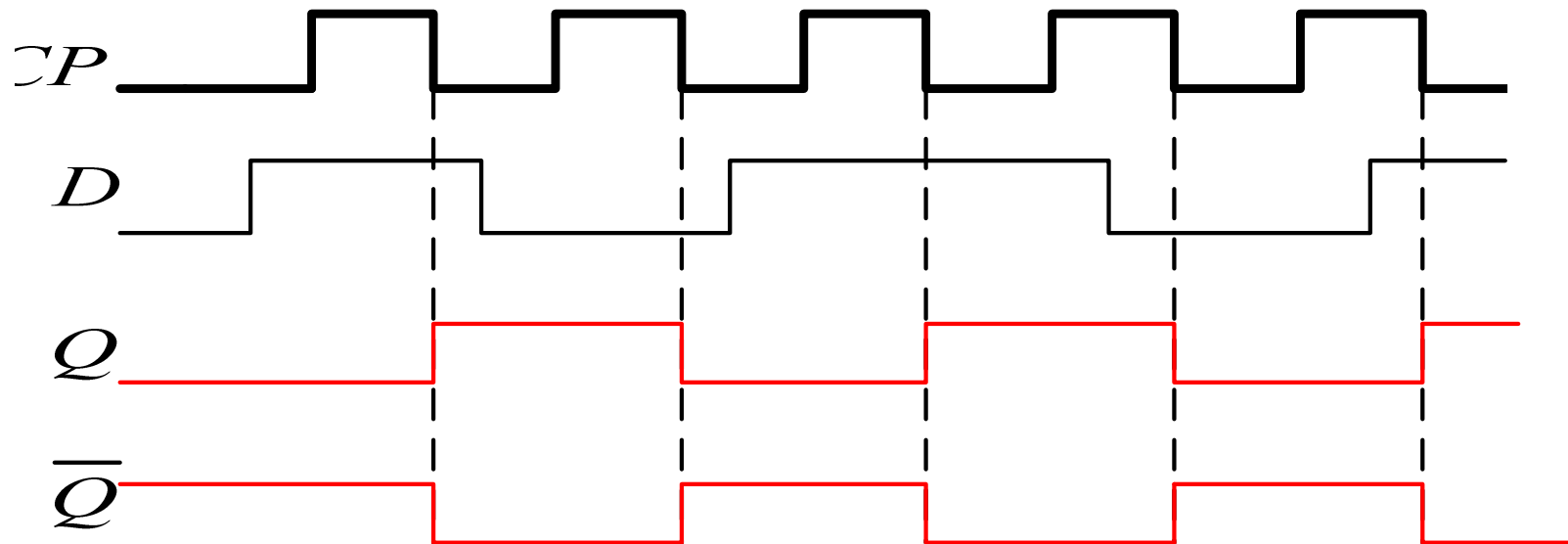
$J$	$K$	$Q^{n+1}$	功能
0	0	$Q^n$	保持
0	1	0	置 0
1	0	1	置 1
1	1	$\overline{Q}^n$	翻转 (计数)



## 4.5 特性表

$D$	$Q^{n+1}$	功能
0	0	置0
1	1	置1

**$CP$ 下降沿触发**



4.7 图示电路中的触发器为边沿D触发器，（1）写出触发器次态输出的表达式；（2）画出 $Q_1$ 的波形

$$D = A \oplus B \quad Q^{n+1} = D$$

