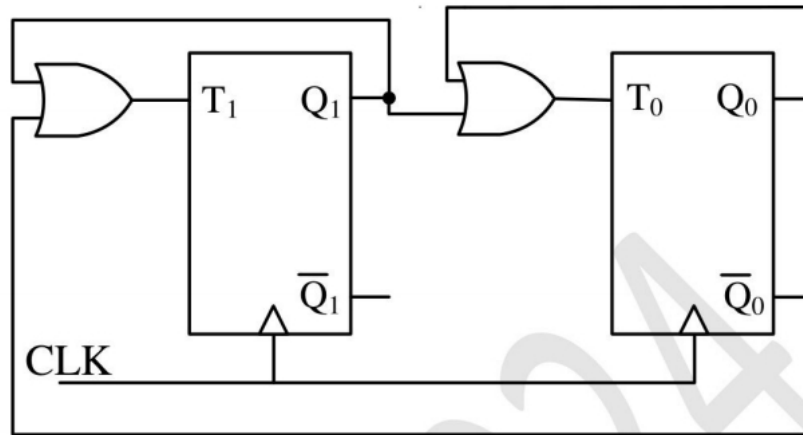


1. The sequence of states (Q_1, Q_0) of the given synchronous sequential circuit is _____



- (A) $00 \rightarrow 10 \rightarrow 11 \rightarrow 00$
 (B) $11 \rightarrow 00 \rightarrow 10 \rightarrow 01 \rightarrow 00$
 (C) $01 \rightarrow 10 \rightarrow 11 \rightarrow 00 \rightarrow 01$
 (D) $00 \rightarrow 01 \rightarrow 10 \rightarrow 00$