COL215L: Digital Logic & System Design

Lecture 16: Sequential Circuits



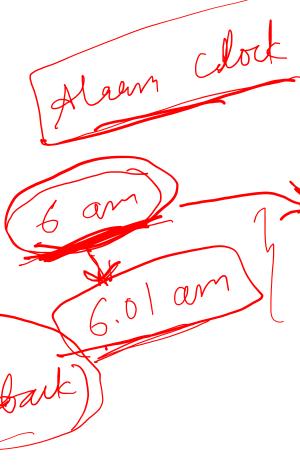
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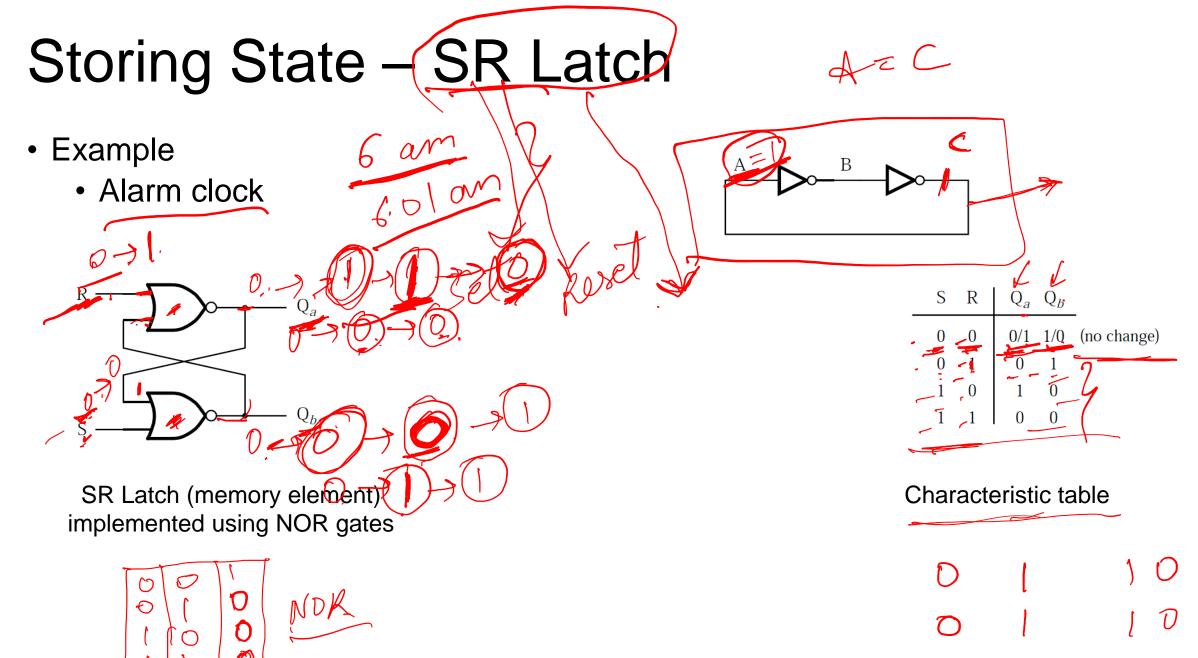
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Sequential Circuits

- Combinational Circuits
 - Inputs -> Outputs
- Sequential Circuits
 - (Inputs, Present State) ->
- (Outputs, Next State)
- Asynchronous Sequential Circuits
 - Change in input signal values
- Synchronous Sequential Circuits
 - Signal values at discrete time instants





Limitation of a Basic SR Latch

Oscillation

