

Flip Flop Timing

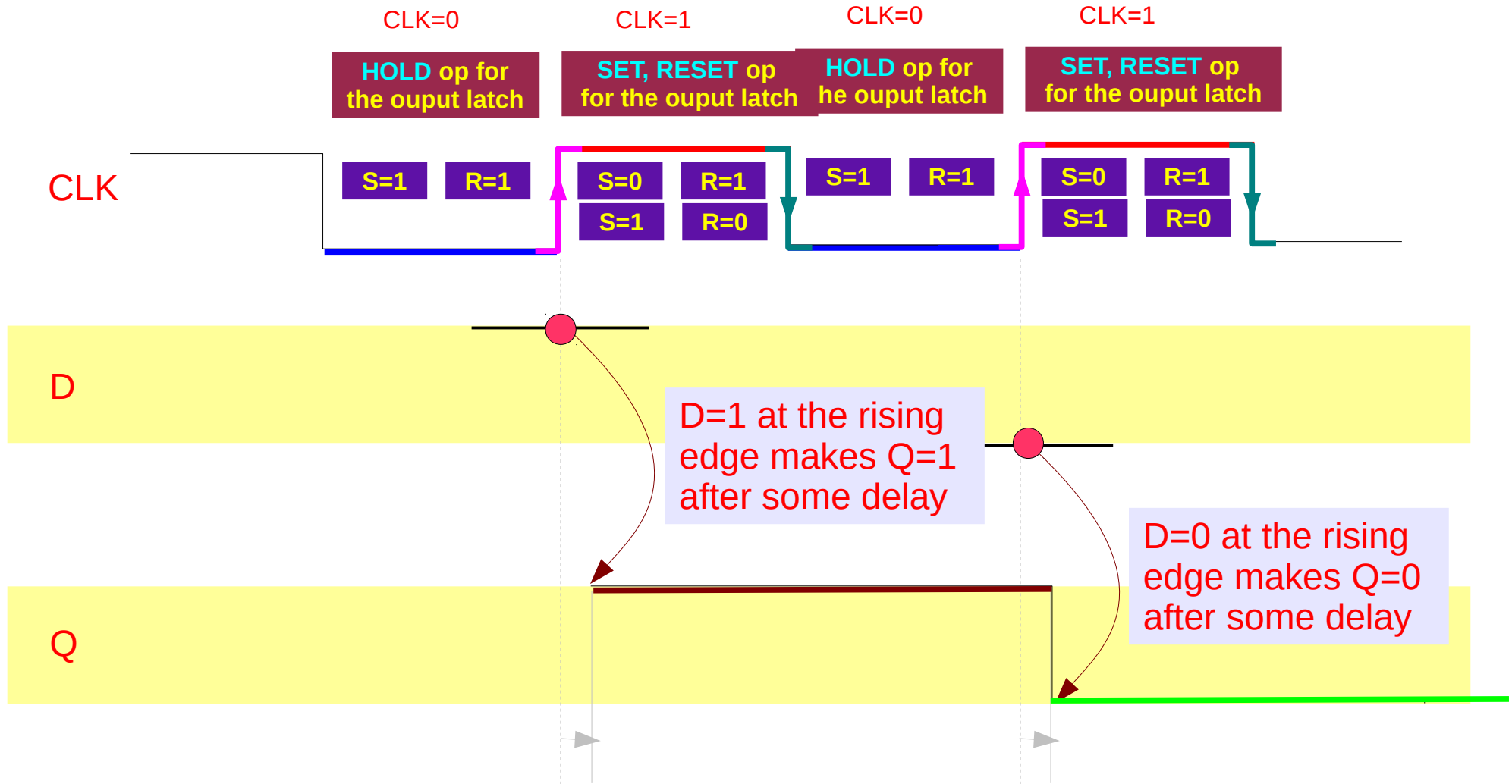
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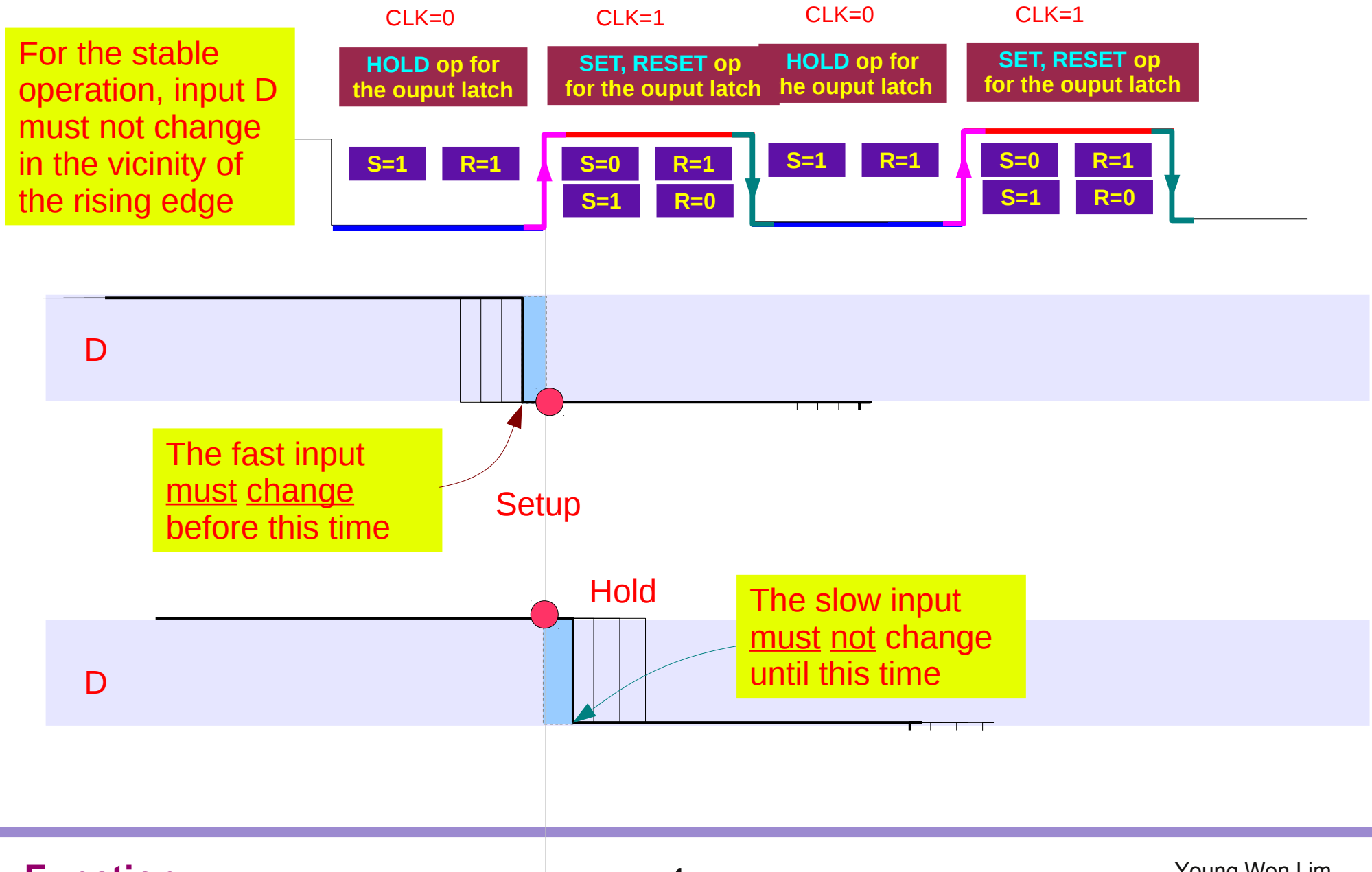
Please send corrections (or suggestions) to youngwlim@hotmail.com.

This document was produced by using OpenOffice and Octave.

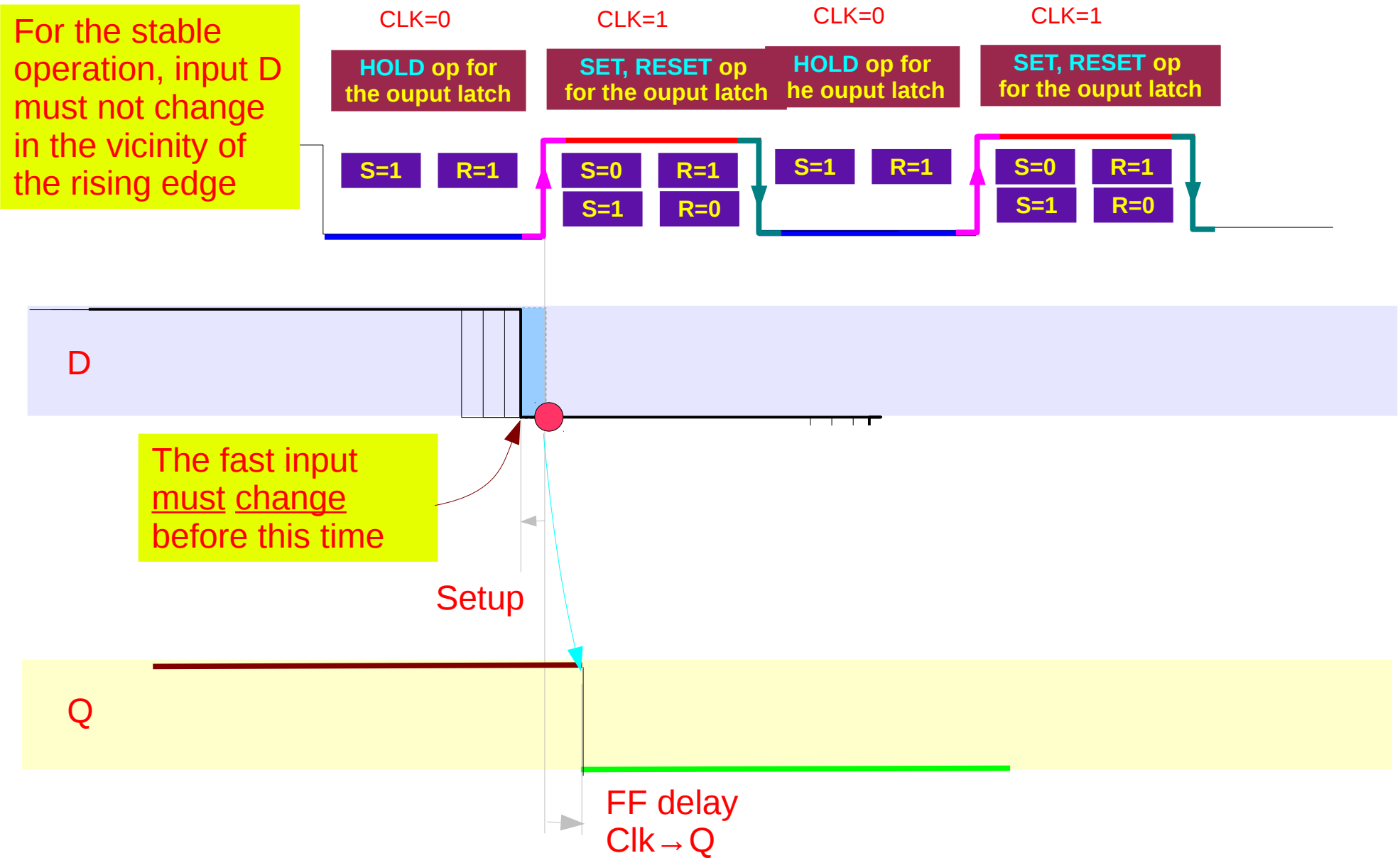
Input Data Sampling



Setup and Hold Time

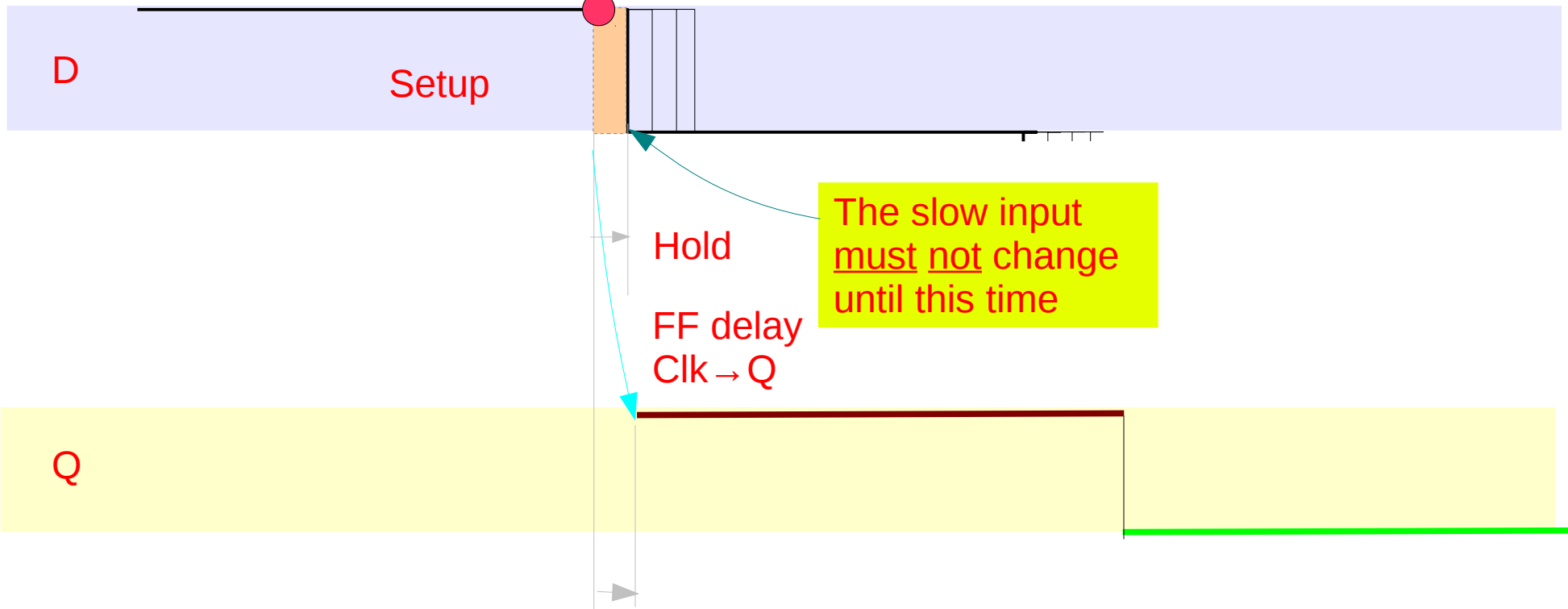
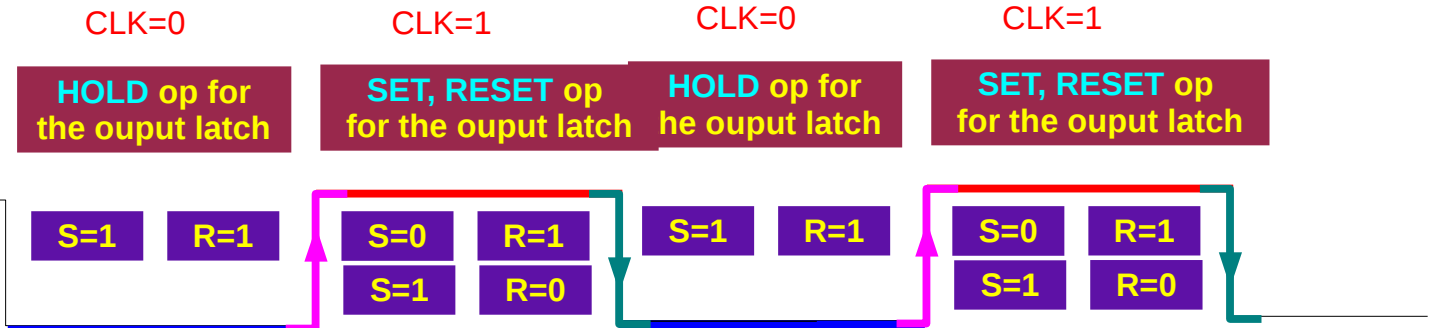


Setup Time

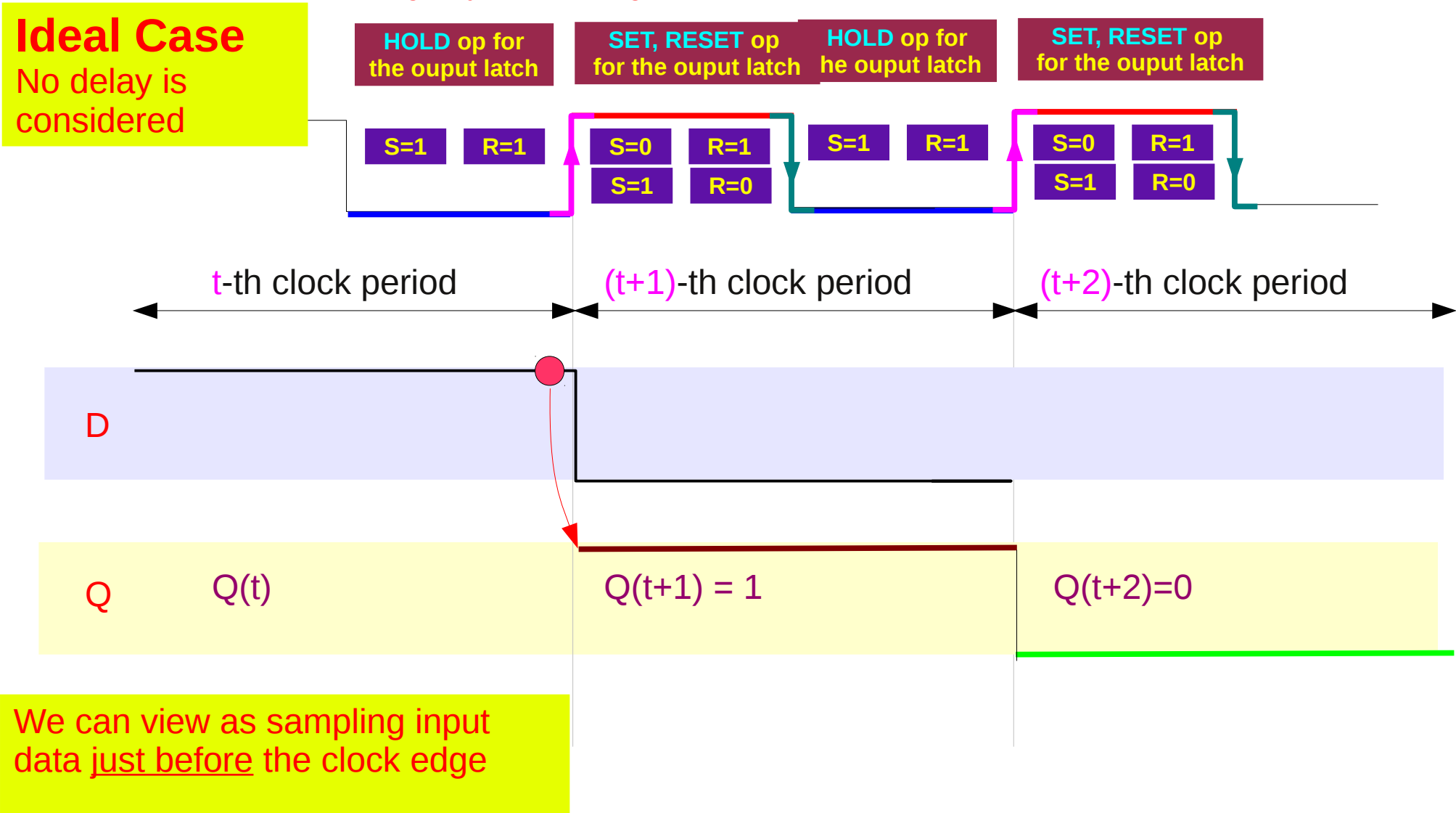


Hold Time

For the stable operation, input D must not change in the vicinity of the rising edge



Ideal Waveform (No delay)



Ideal Waveform (After delay)

