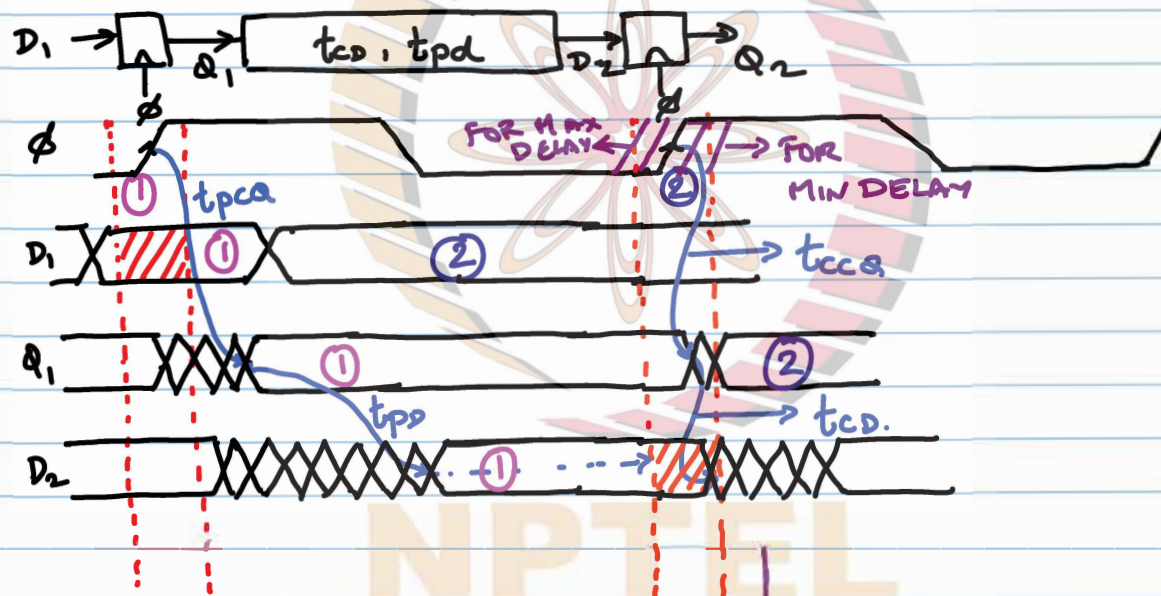


08/11/2019

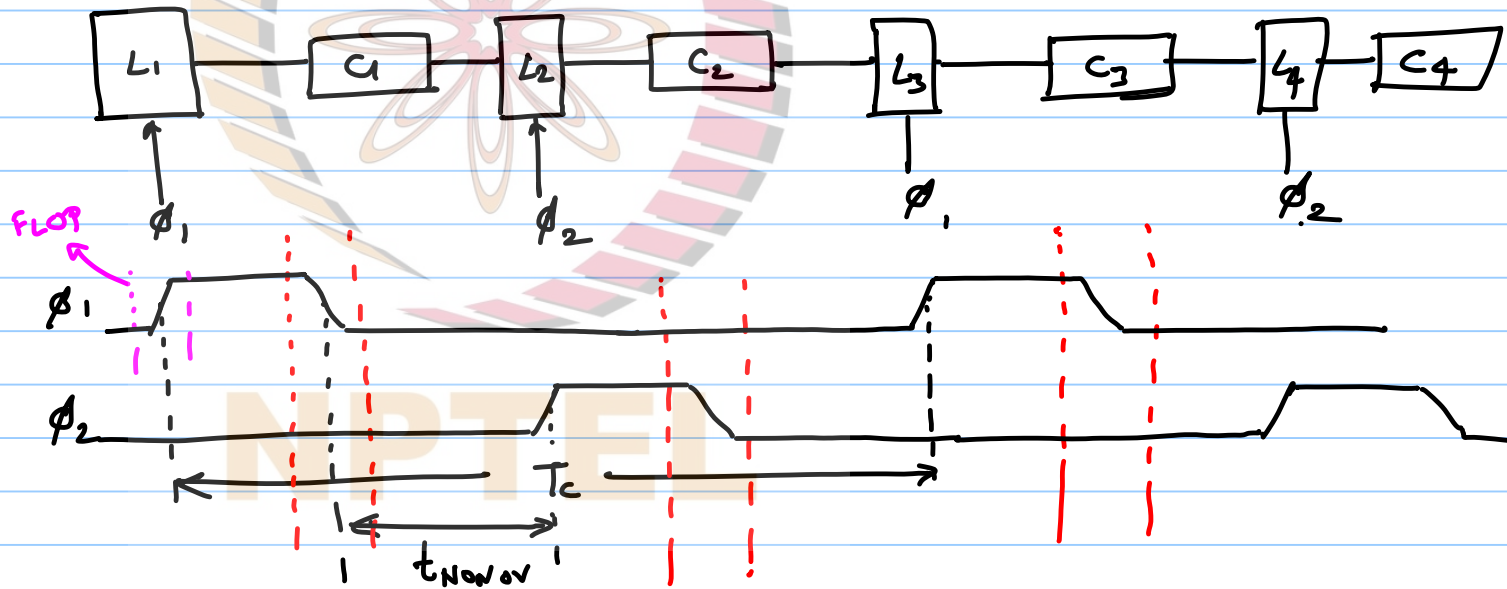
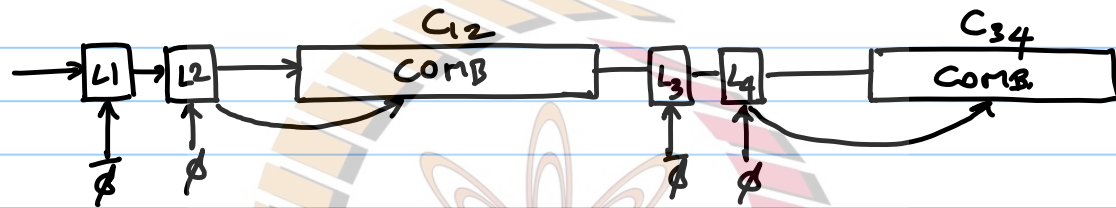
EE5311

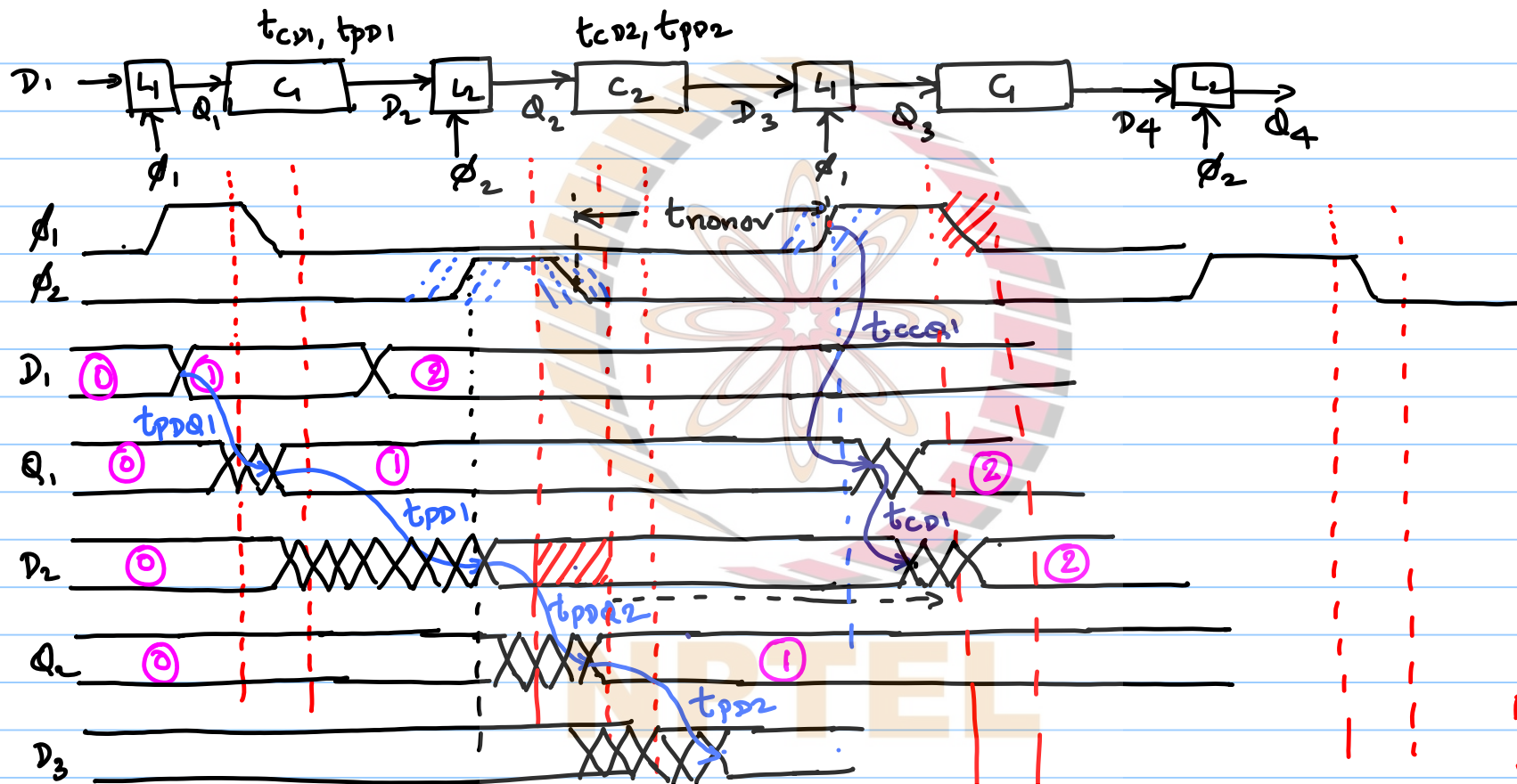
MODULE-5

SEQUENTIAL CIRCUITS



$$T_c \geq t_{pca} + t_{pd} + t_{SETUP} + t_{SKEW} \quad | \quad t_{SKEW} + t_{HOLD} \leq t_{cca} + t_{pd}$$



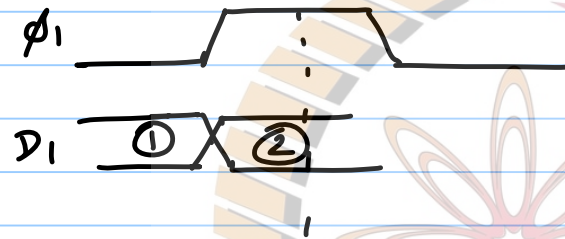


SKEW  
TOLERANT

$$MAX \quad T_c \geq t_{pdq1} + t_{pd1} + t_{pdq2} + t_{pd2}$$

$$t_{sKEW} + t_{HOLD} \leq t_{nonov} + t_{ccq1} + t_{cd1}$$

FOR EVERY  
LATCH  
↓



NPTEL