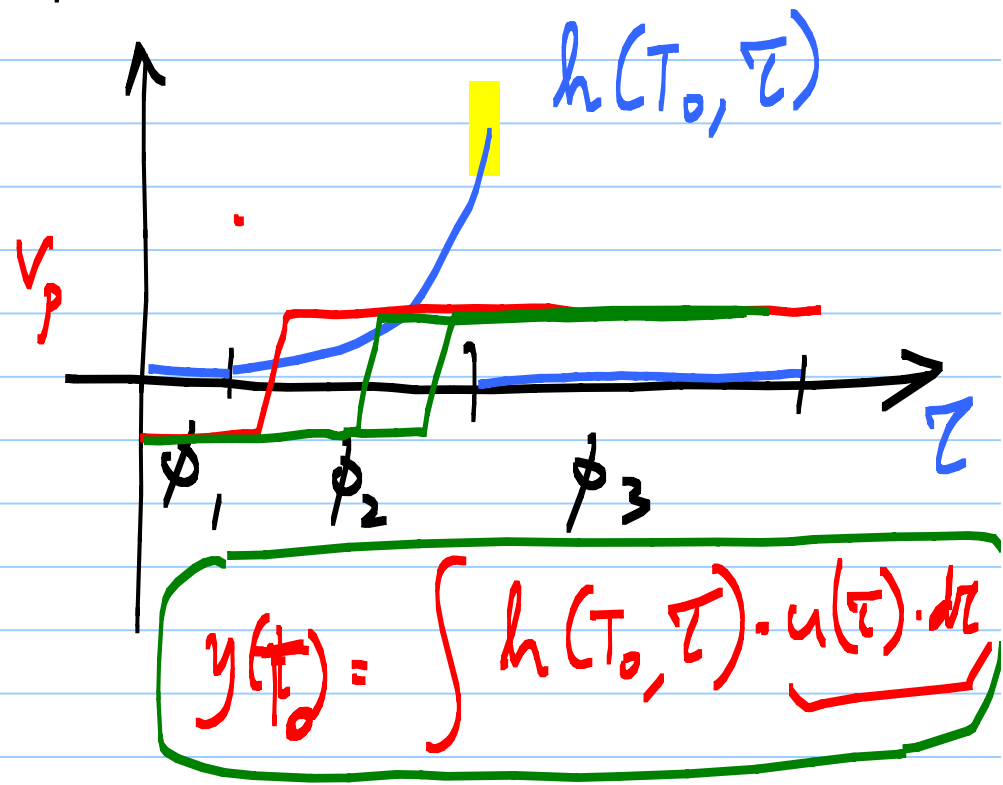
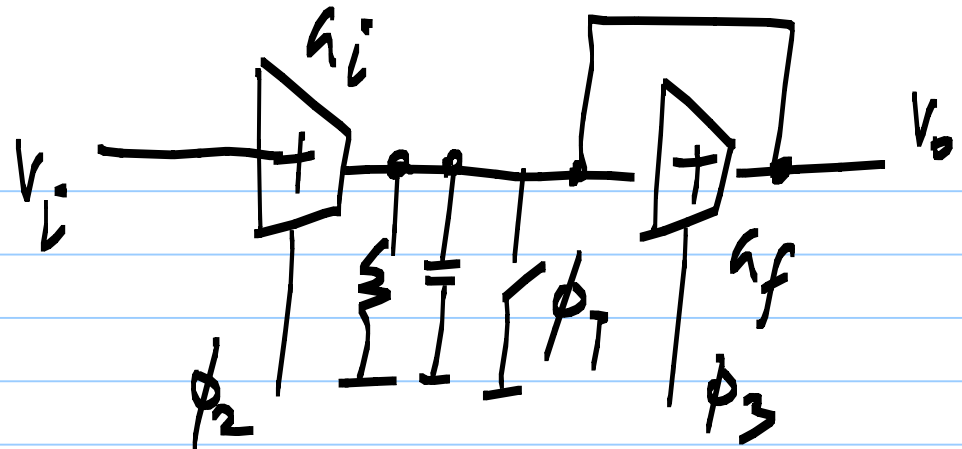
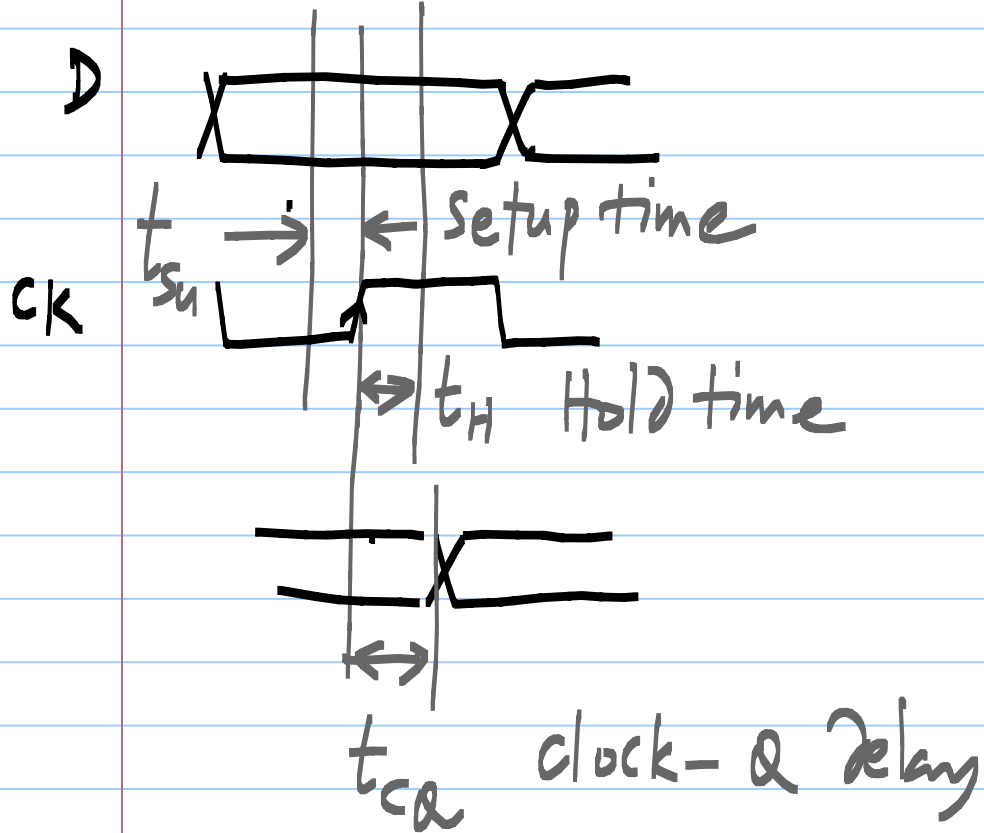
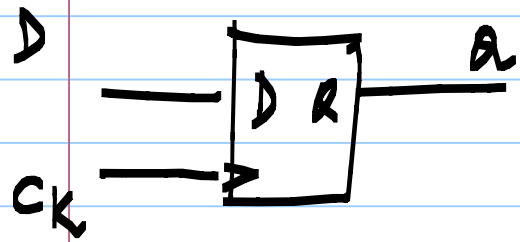
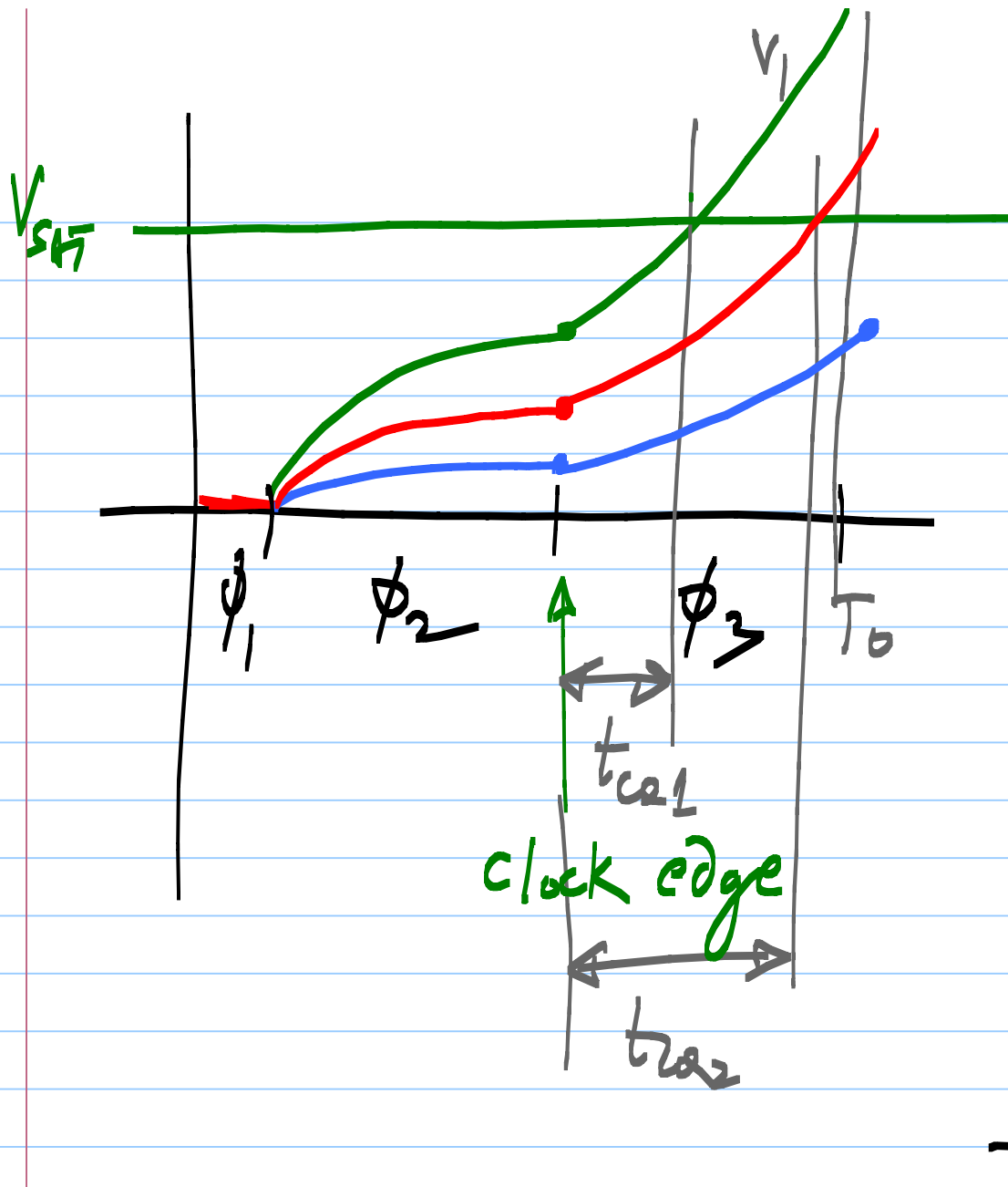


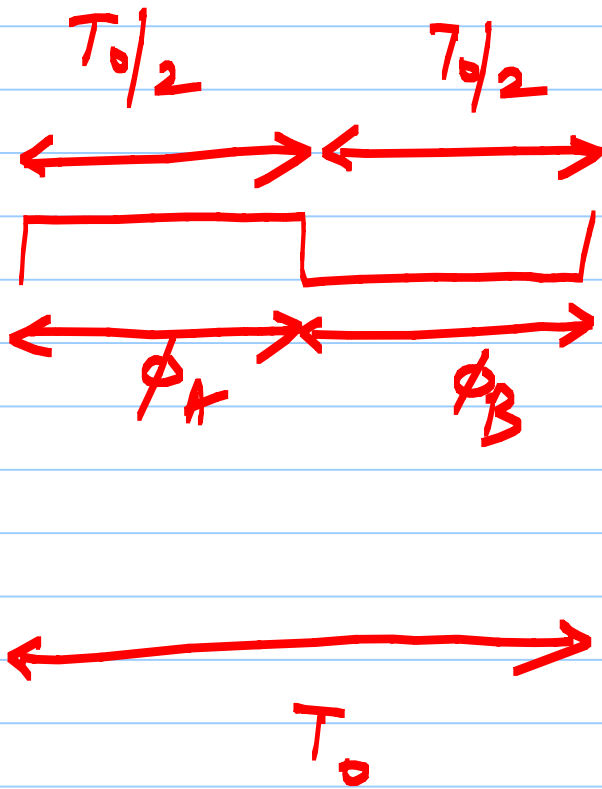
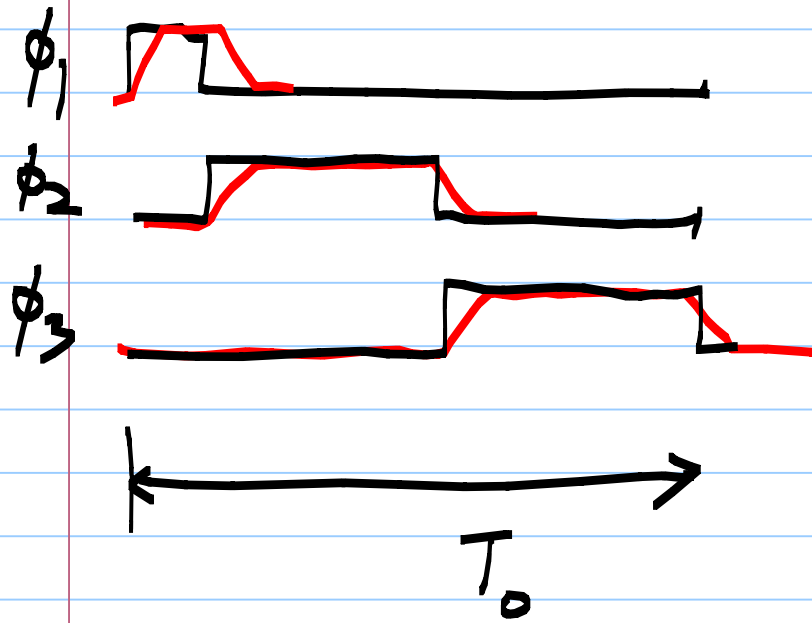
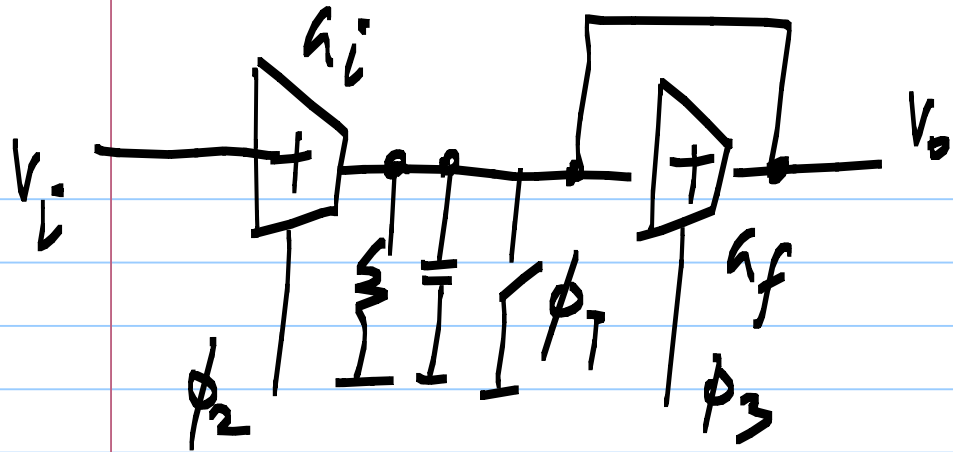
Latch

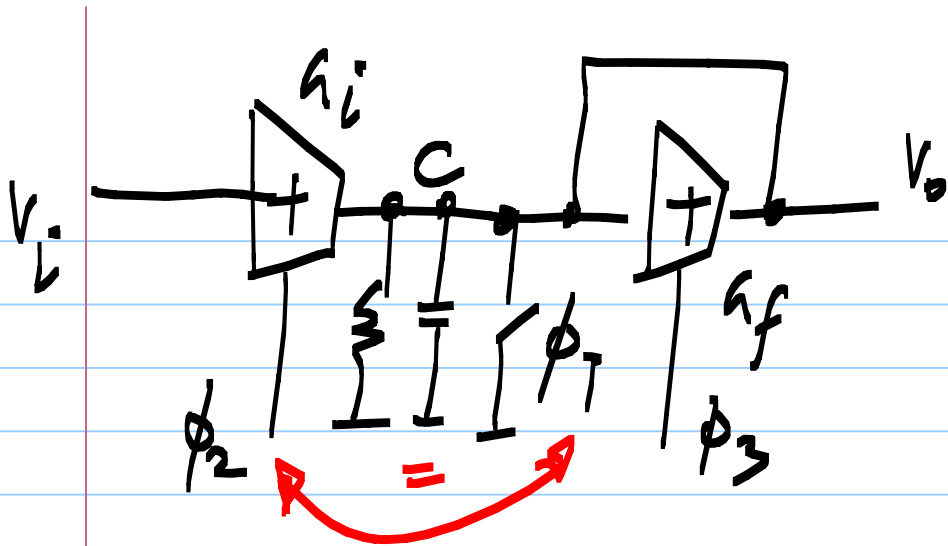




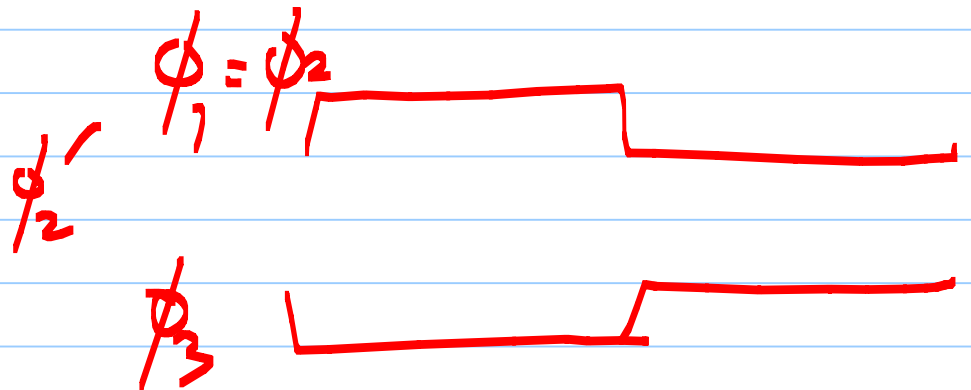
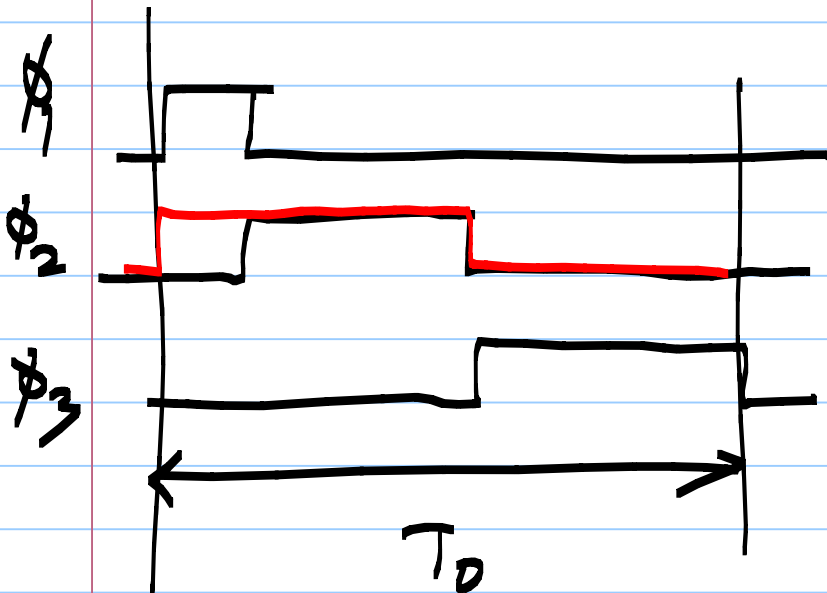
Clock to Q delay
 t_{cq} dependent on
 the input amplitude

Sensitivity: minimum
 input amplitude
 for which the
 output reaches a
 certain threshold V_{SAT}
 by the end of the period

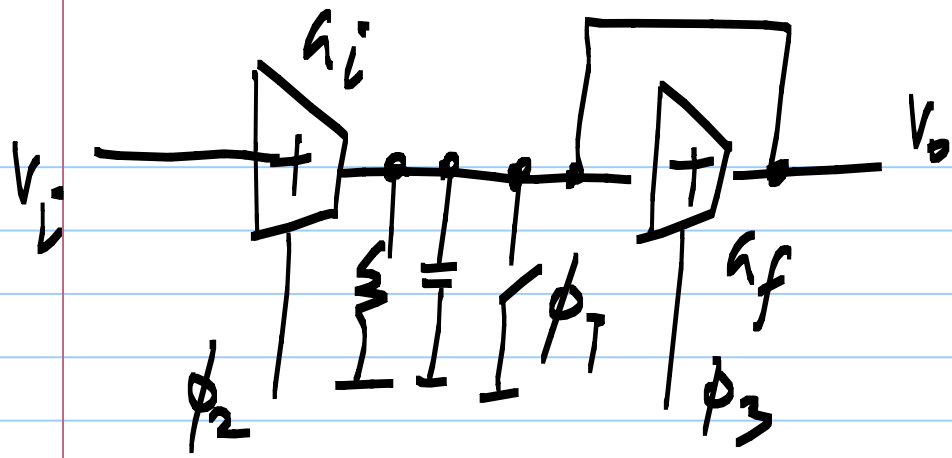




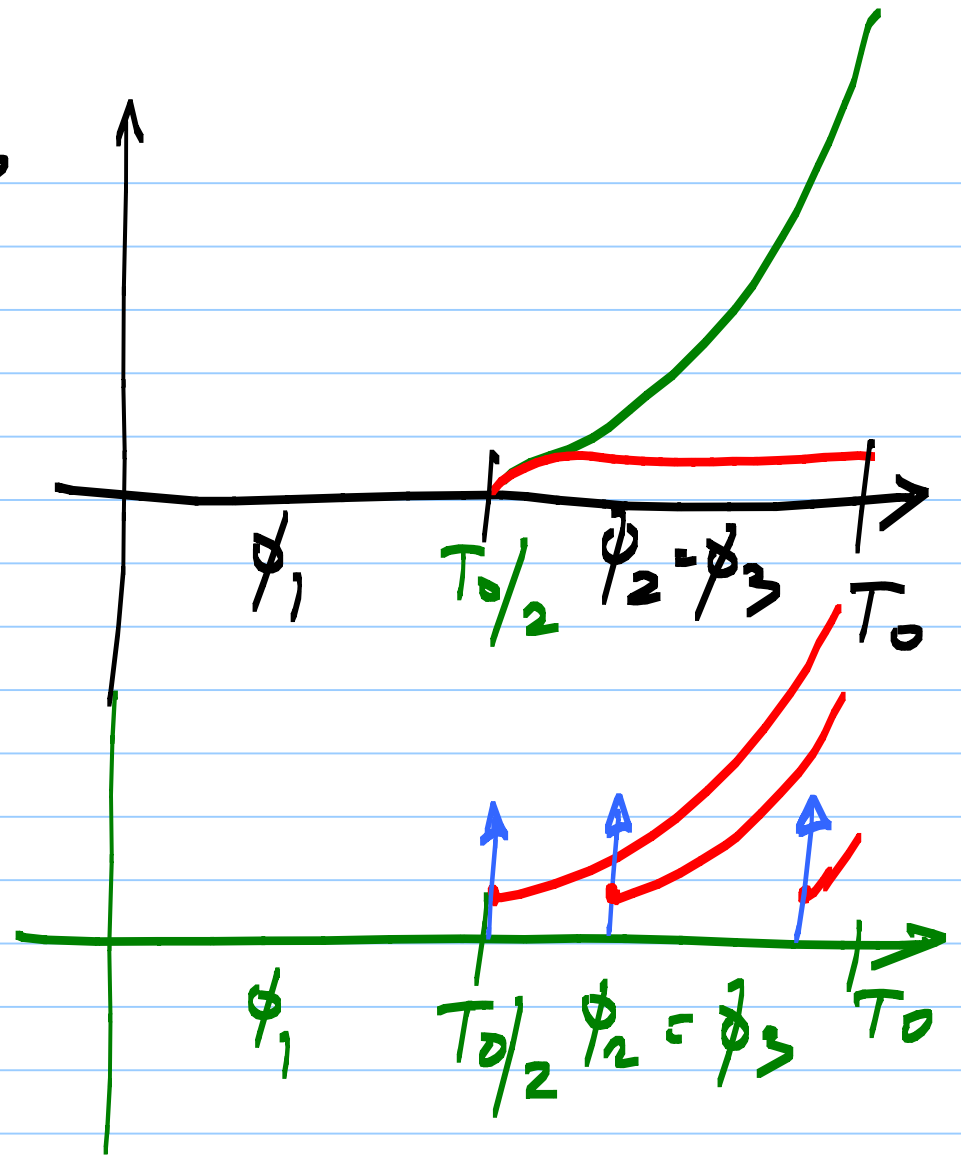
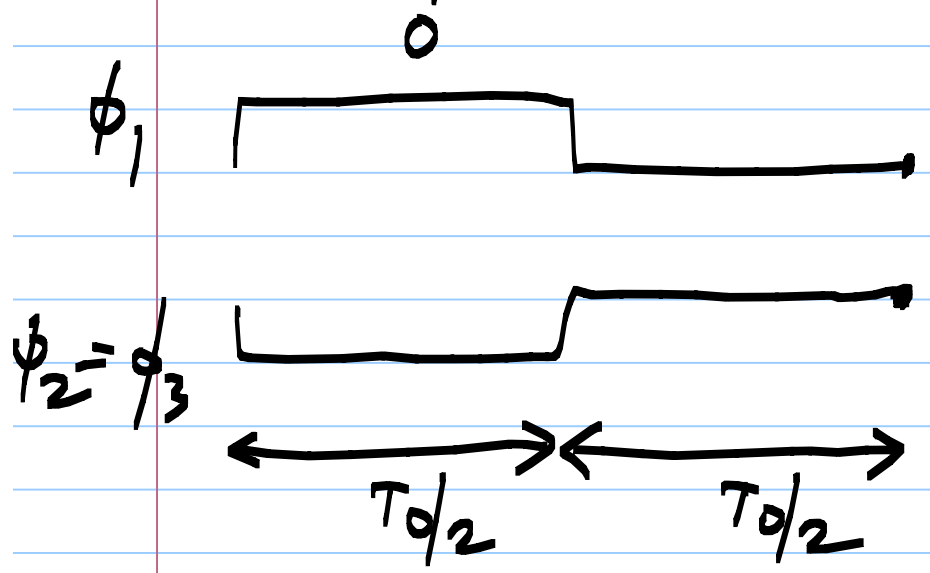
$\phi_1 = \phi_2$
 Overlapped sample & reset
 $R_{\phi_1} \neq 0$

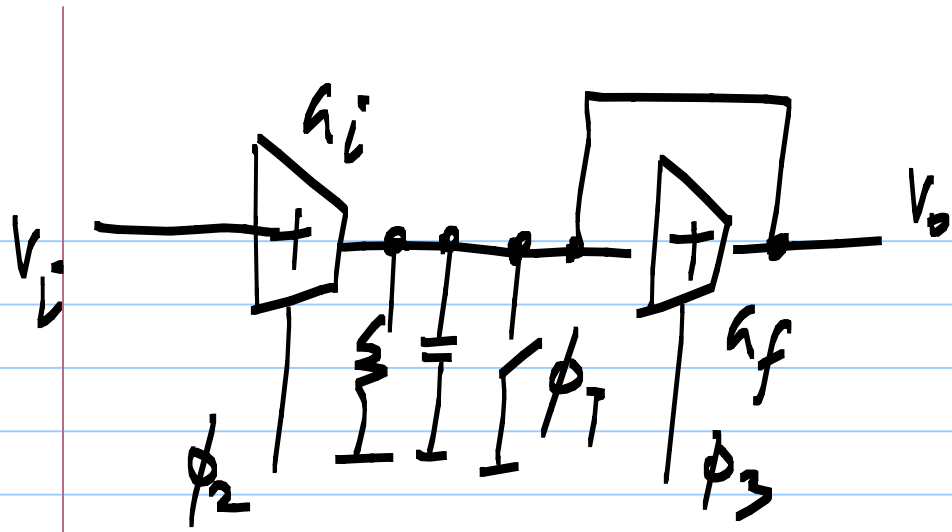


low gain in sampling
 phase $A_i R_{\phi_1}$

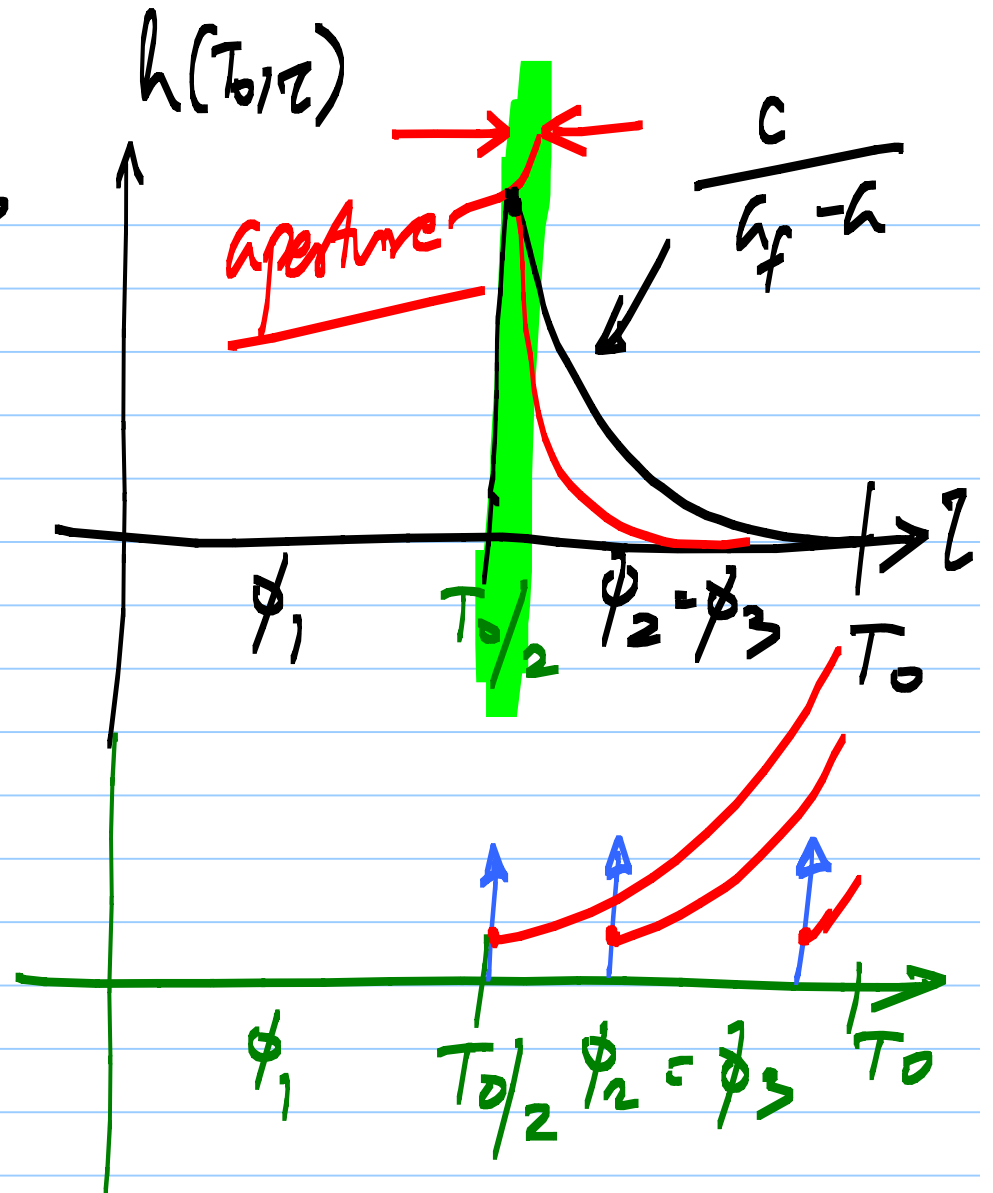
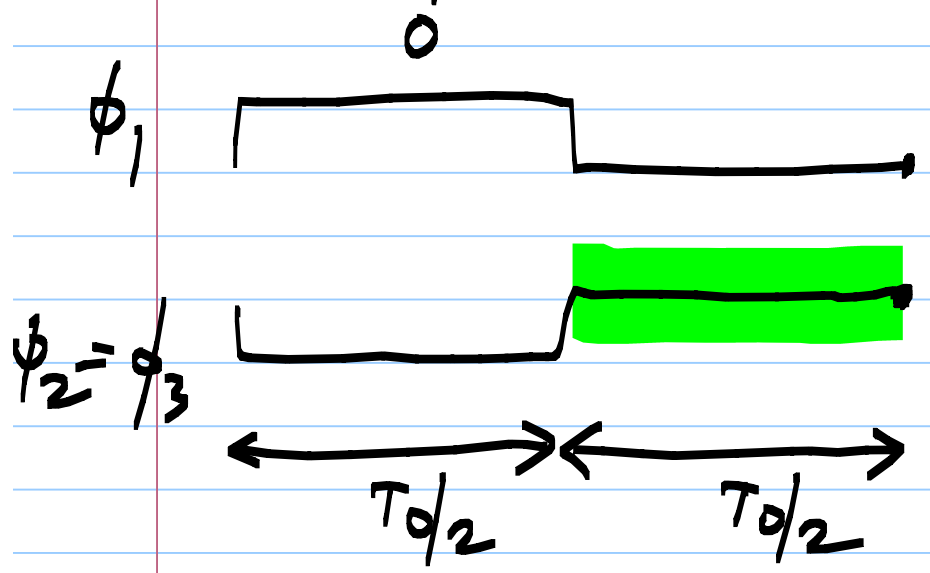


$\phi_2 = \phi_3$





$\phi_2 = \phi_3$



$\frac{c}{A_f - h}$

Aperture

ϕ_1 $T_0/2$ $\phi_2 = \phi_3$ T_0

ϕ_1 $T_0/2$ $\phi_2 = \phi_3$ T_0

