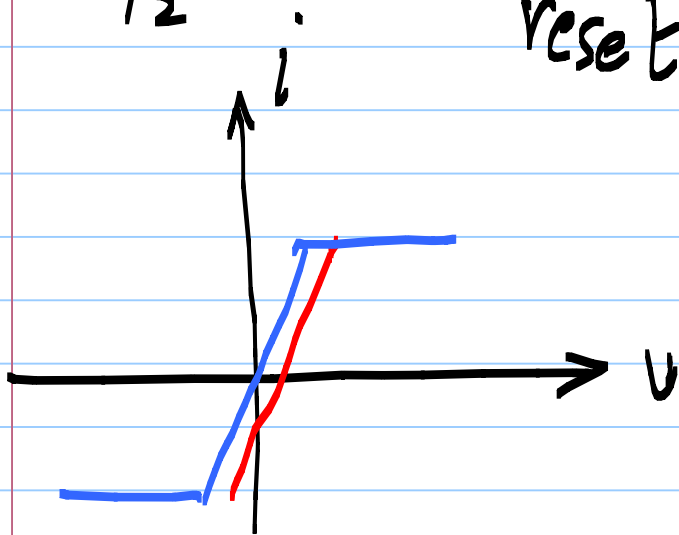
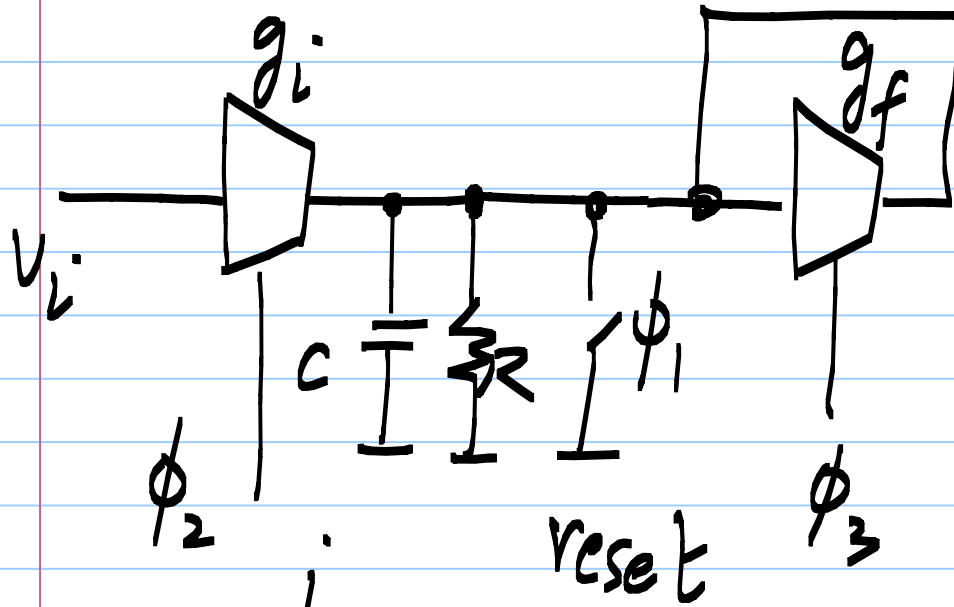
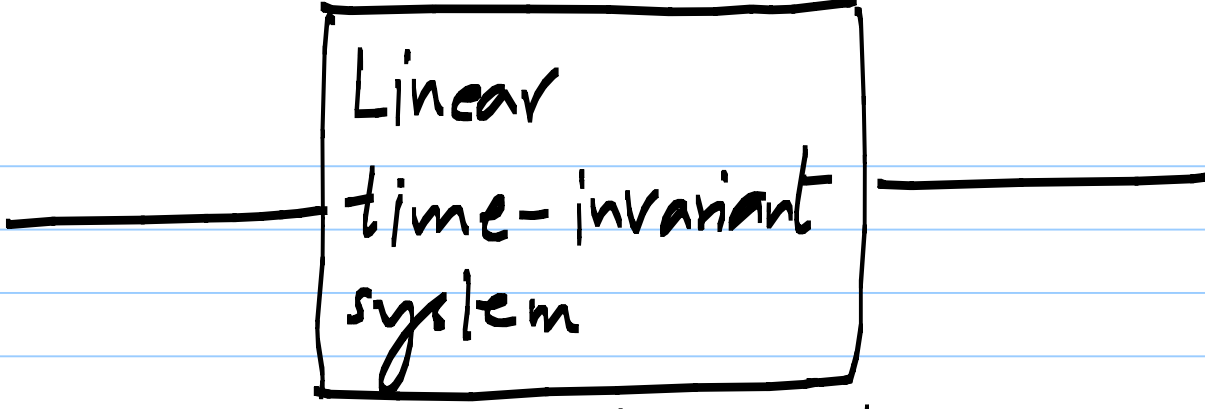
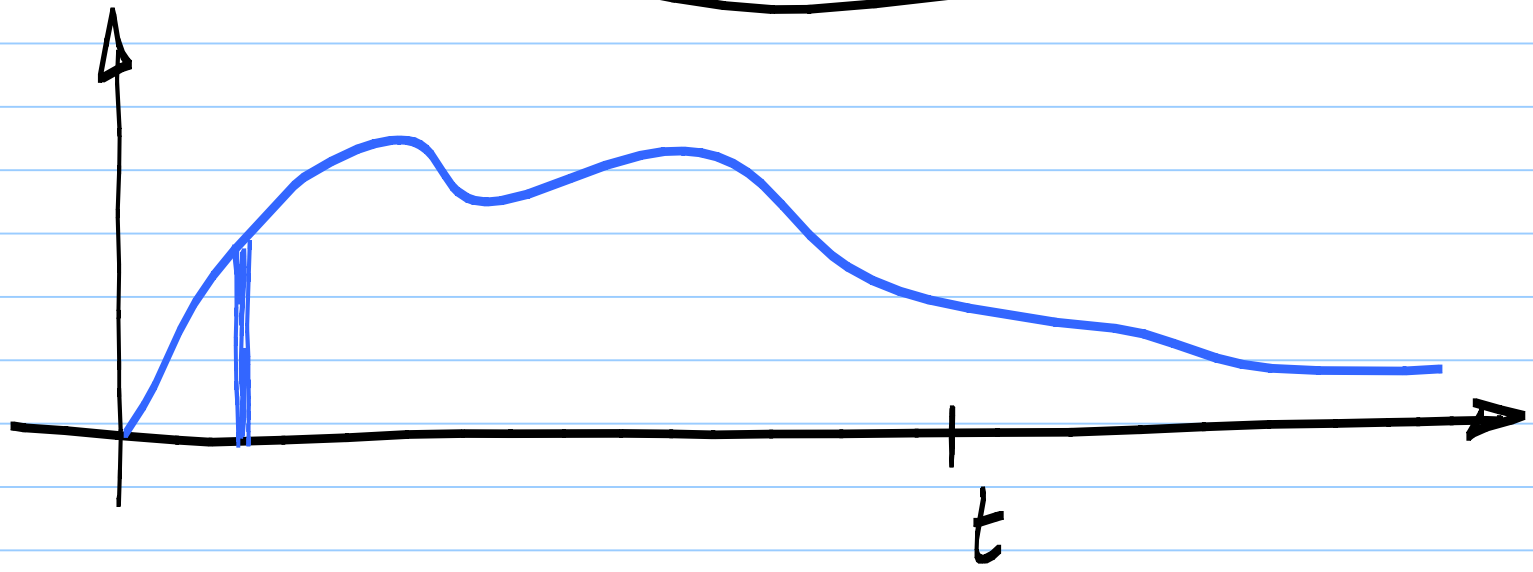


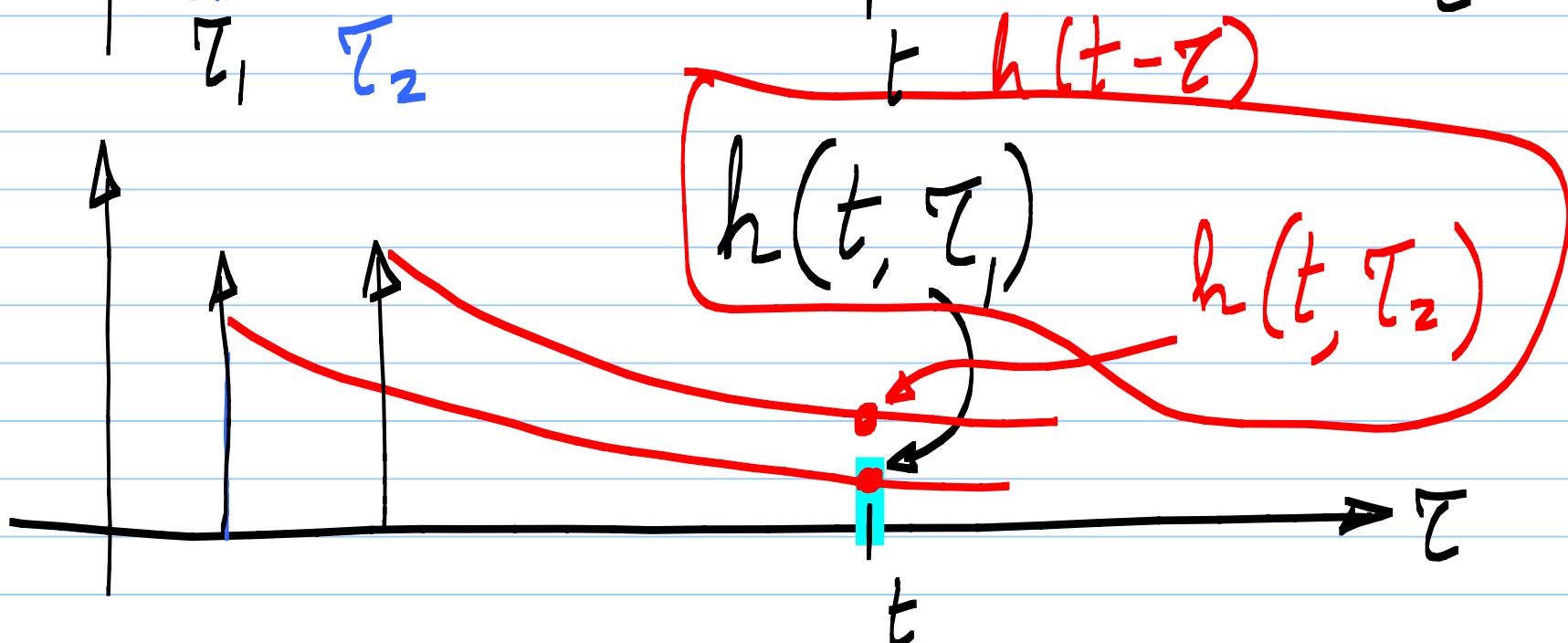
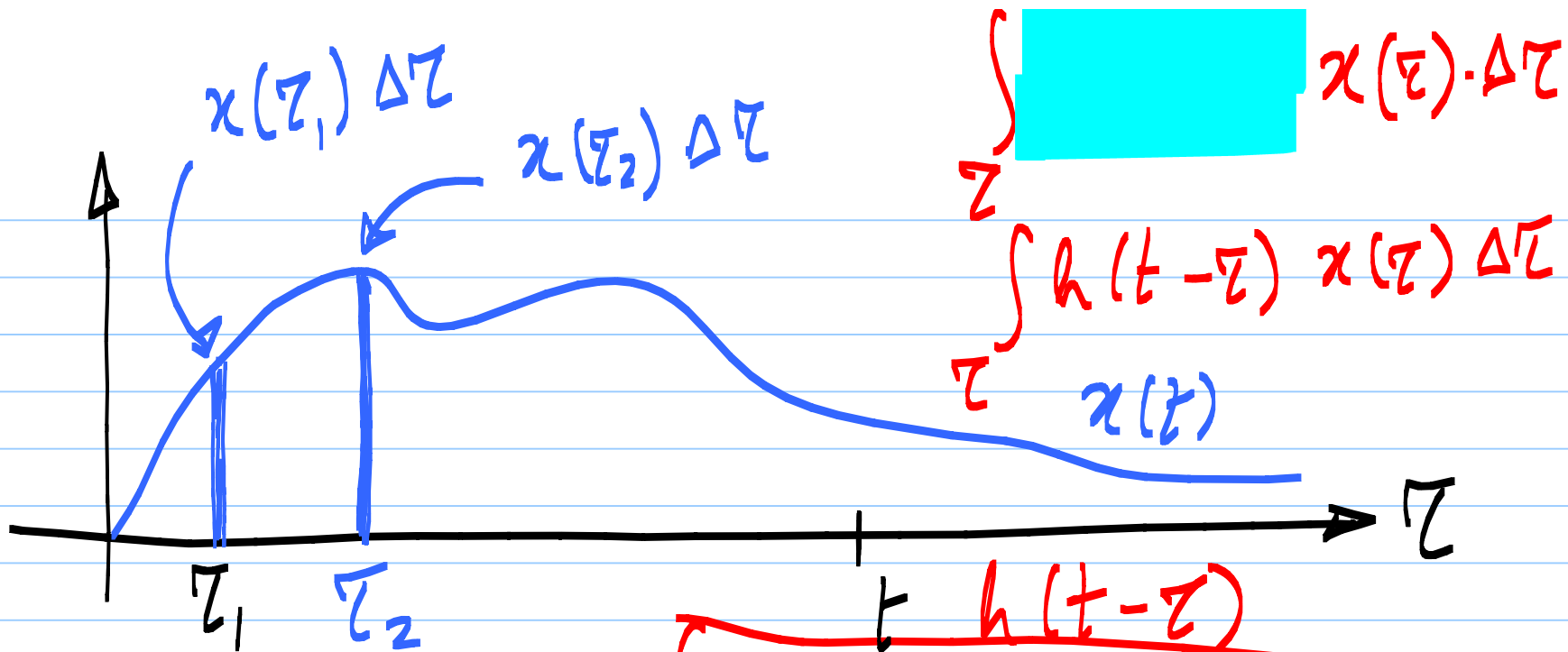
Latch

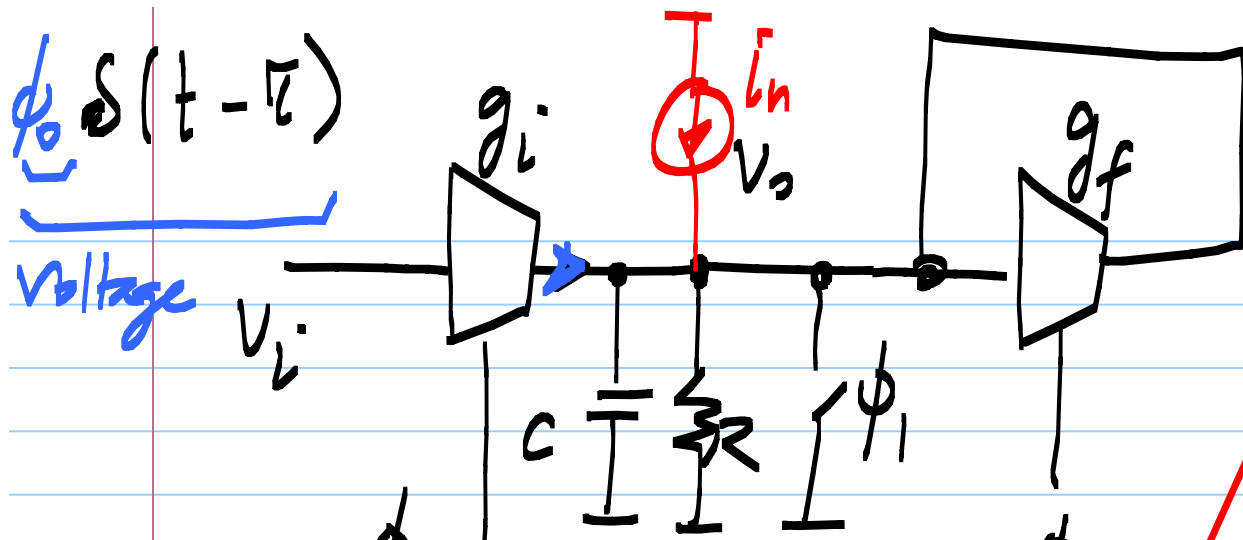




Transfer fn.: $H(s)$ / Impulse response $h(t)$
 $\mathcal{L}()$



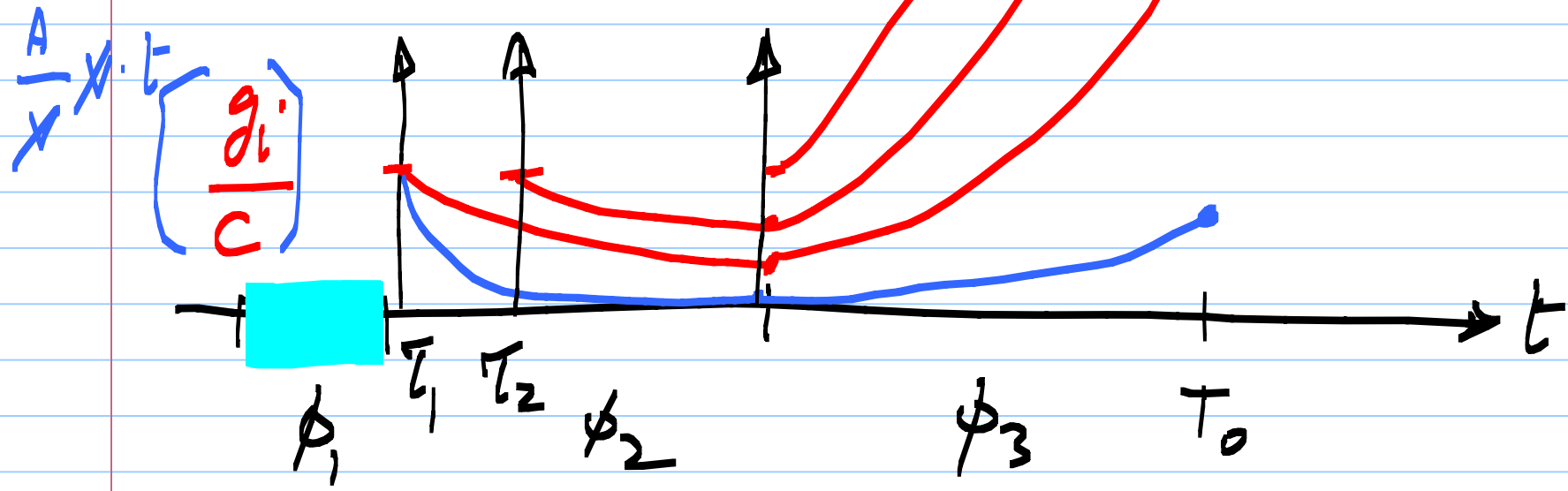




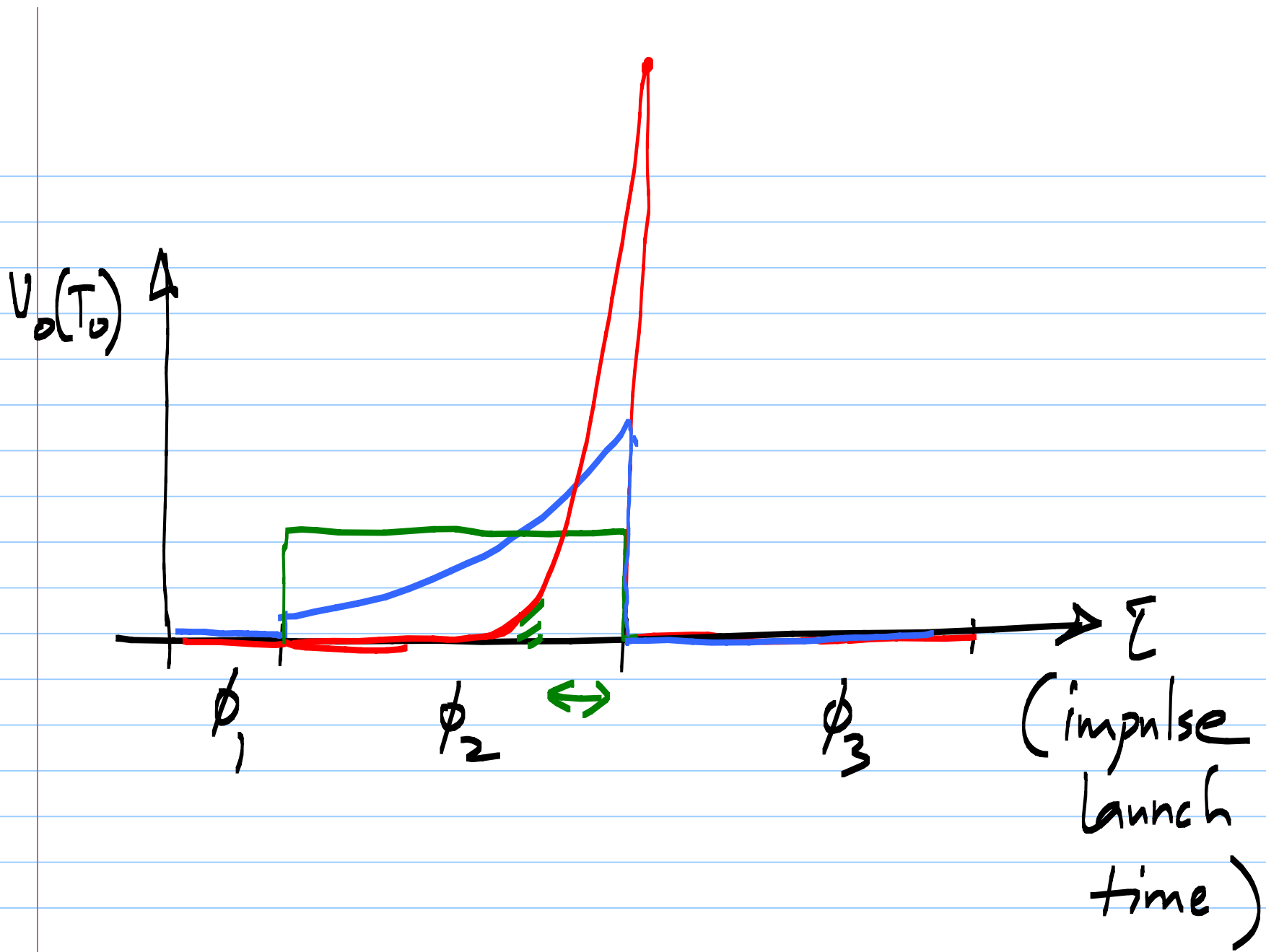
$\phi_0 \delta(t - \tau)$
Voltage v_i

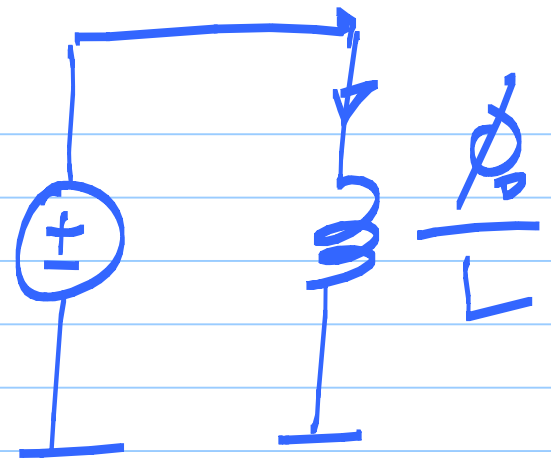
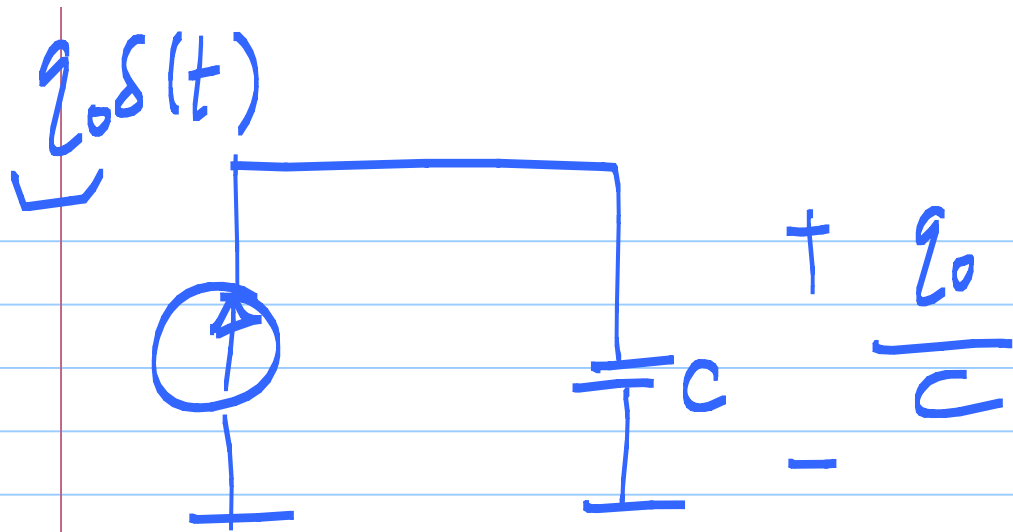
$g_i: \delta(t - \tau)$
 $h(t_0, \tau_2)$
 $\phi_2: \sim \exp(-\frac{t}{RC})$
 $\phi_3: \sim \exp(t \frac{g_f - g_i}{C})$
 $h(t_0, \tau_1)$

$g_i \phi_0 \delta(t - \tau)$
 $\left[\frac{g_i \phi_0}{C} \right]$ reset t



$\left[\frac{g_i}{C} \right]$





$$\int \delta(t) dt \quad \text{(time)} = 1$$

$$\int \phi_0 \delta(t)$$

? Frequency

