

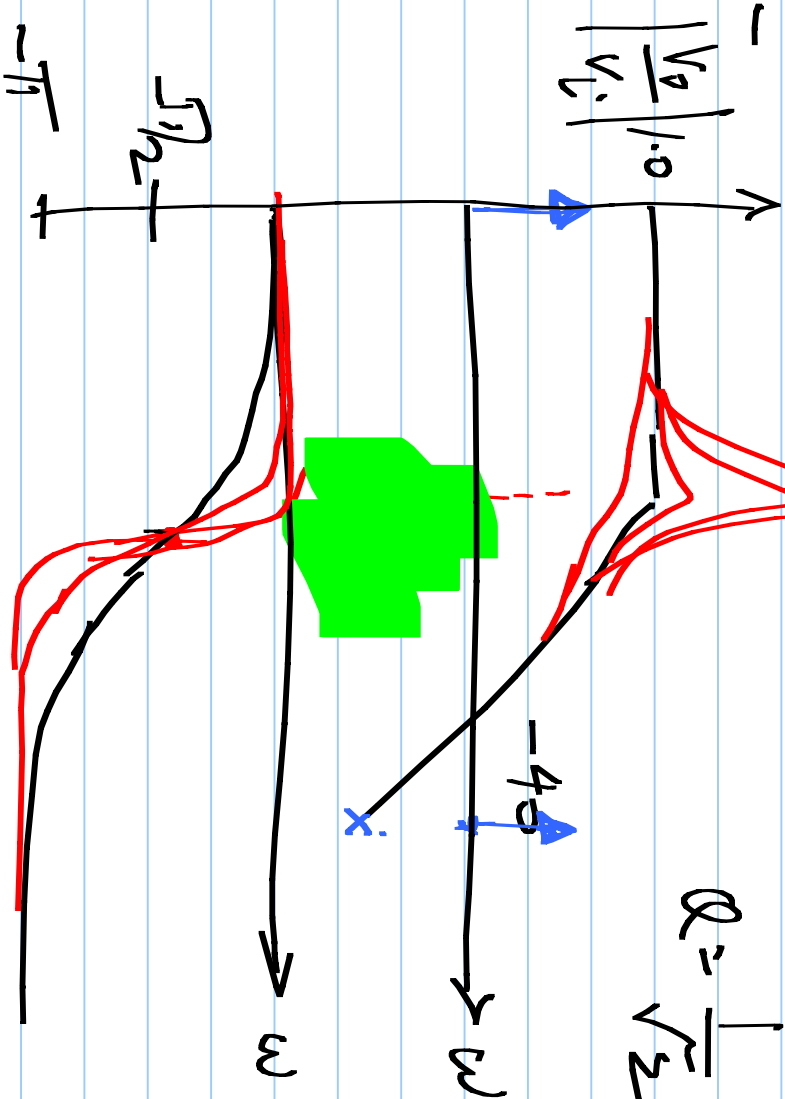
$$\frac{V_2}{V_1} = \frac{1}{sC + \frac{sL}{R_L} + 1}$$

$$\left| \frac{V_2}{V_1} \right| = 1.0$$

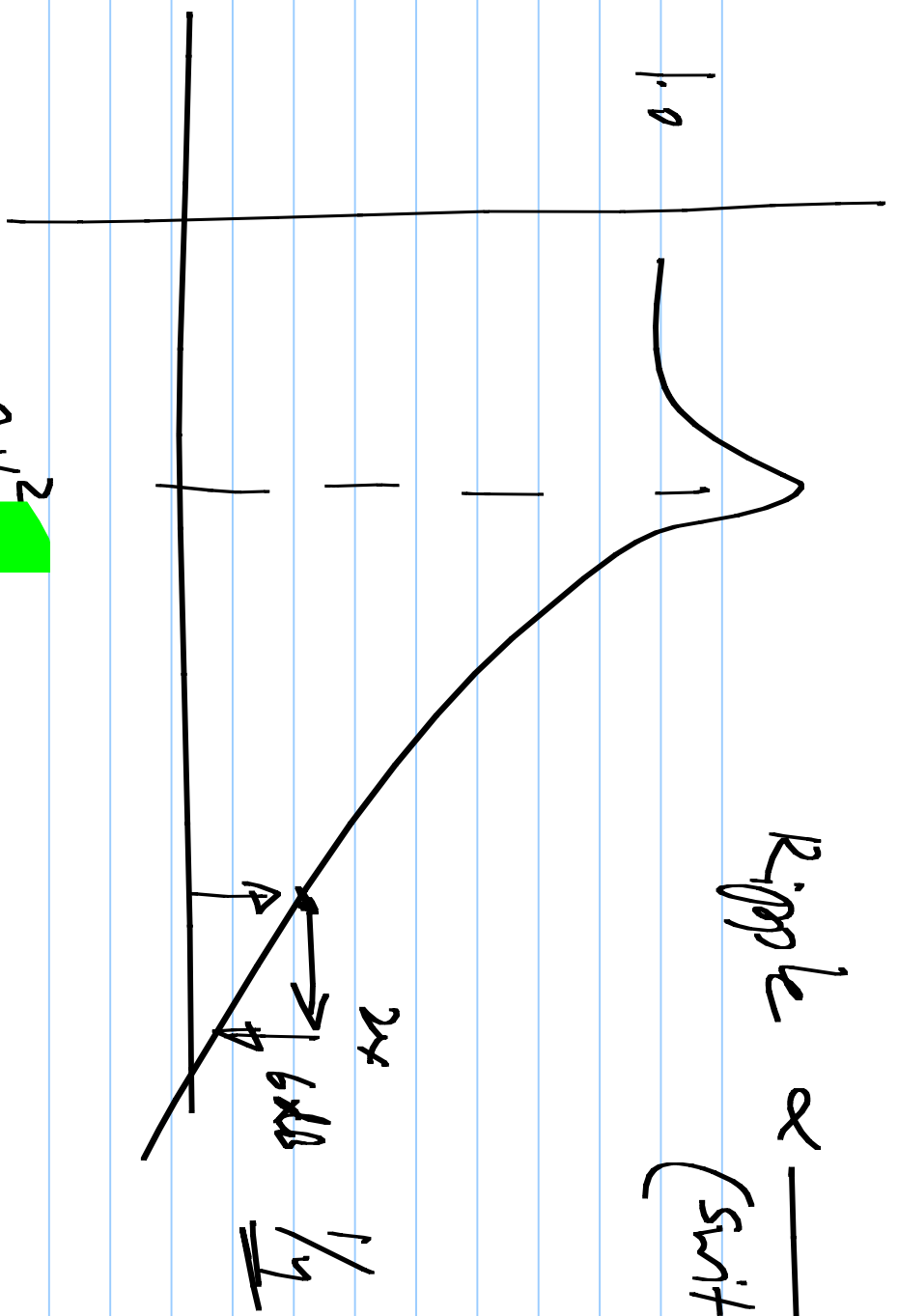
$$\omega_n = \frac{1}{\sqrt{LC}}$$

$$\zeta = \frac{R_L}{2\sqrt{\frac{L}{C}}}$$

$$Q = R_L \sqrt{\frac{C}{L}}$$



$$\text{Ripple} \propto \frac{1}{(\text{switching freq})^2}$$



CV^2

[Green mark]

