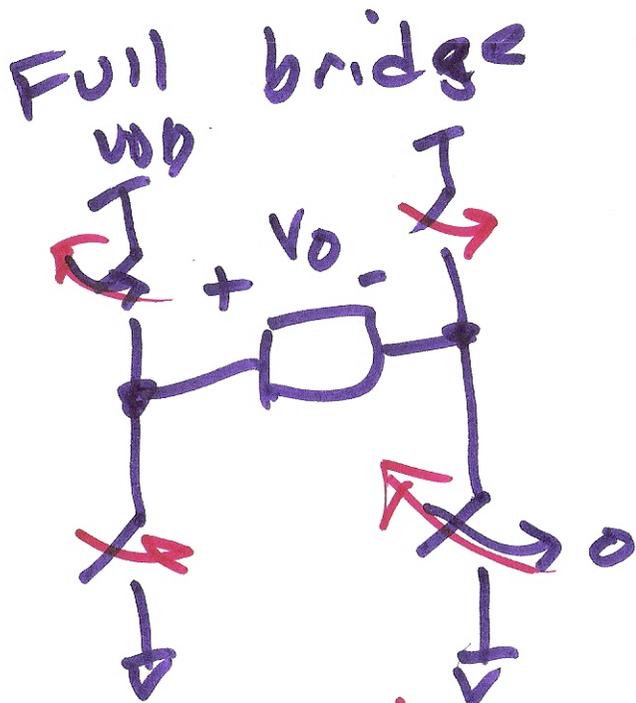


Lecture 39

Dec. 6, 2010

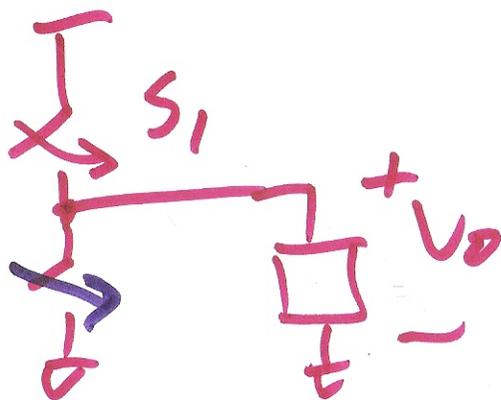


$$V_o = V_{DD}$$

$$V_o = -V_{DD}$$

$$\text{Swing} = 2V_{DD}$$

half-bridge



$$S_1 \text{ is close } V_o = V_{DD}$$

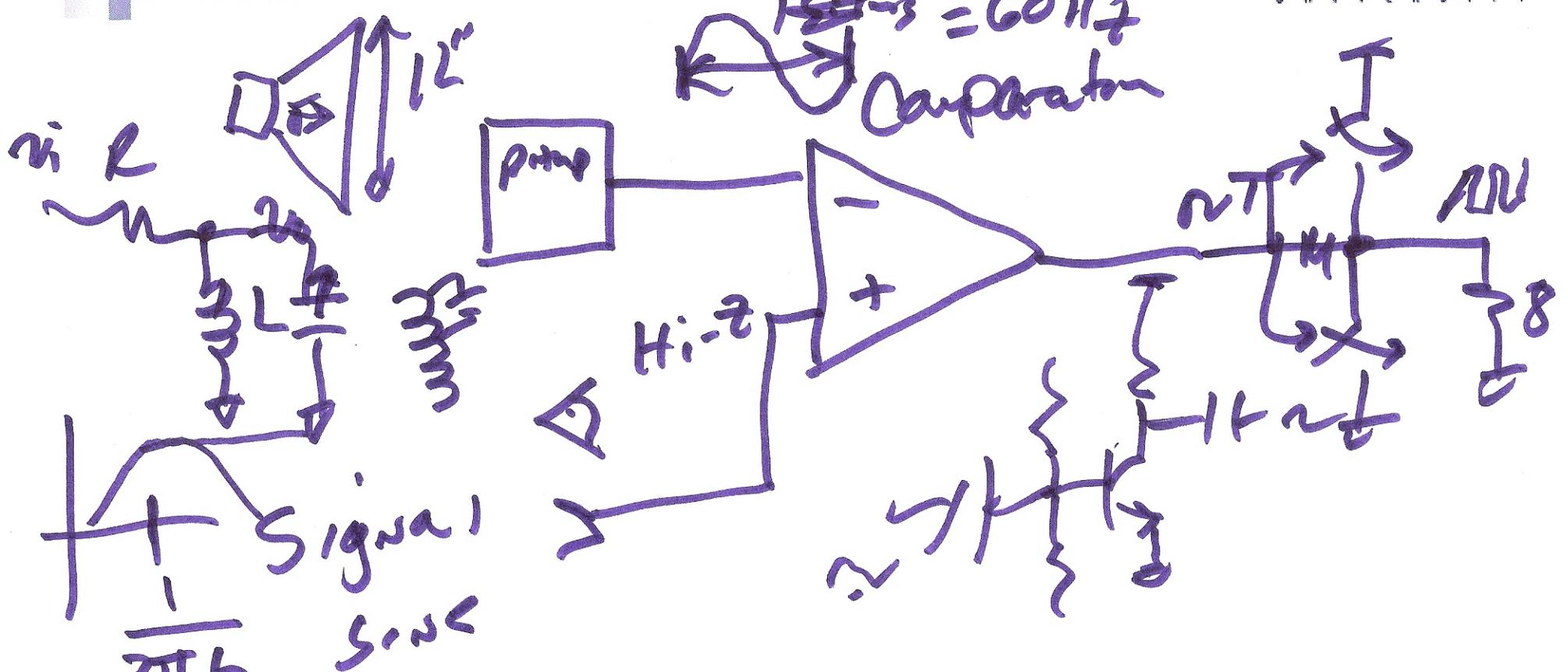
$$S_2 \text{ " " } V_o = 0$$

$$\text{Swing} = V_{DD}$$

1)

160ms RC L/R

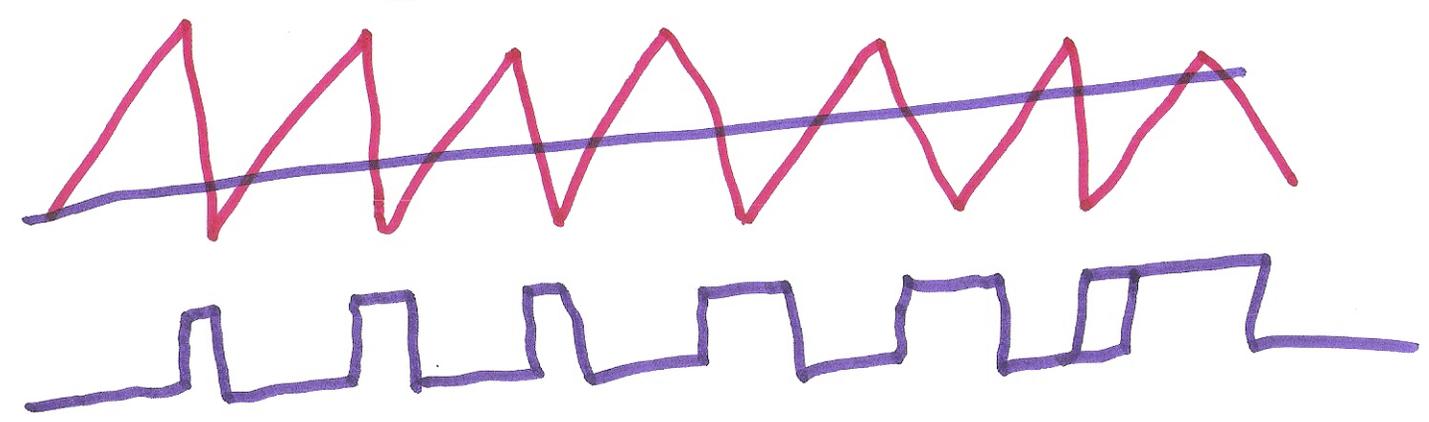
$f_{60} = 60\text{ Hz}$
Comparator



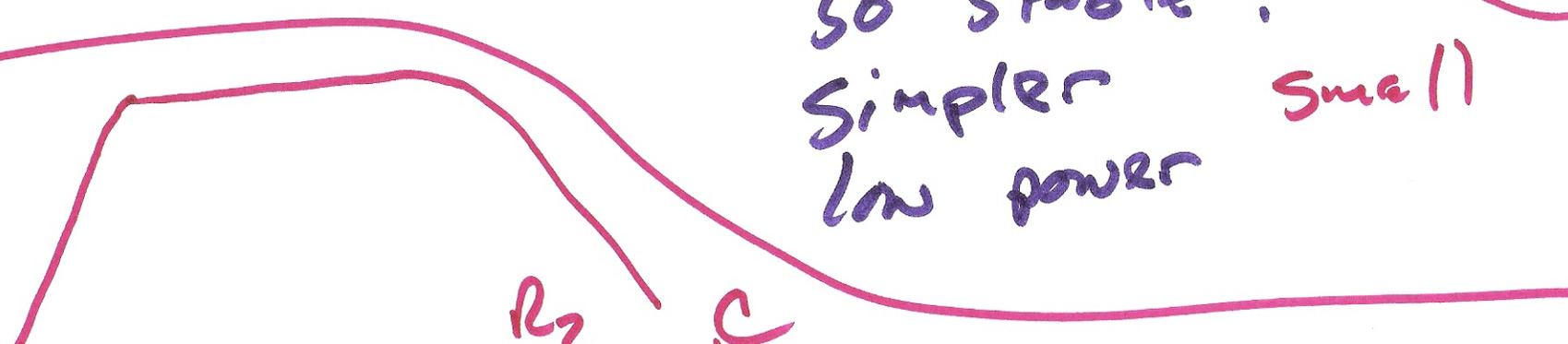
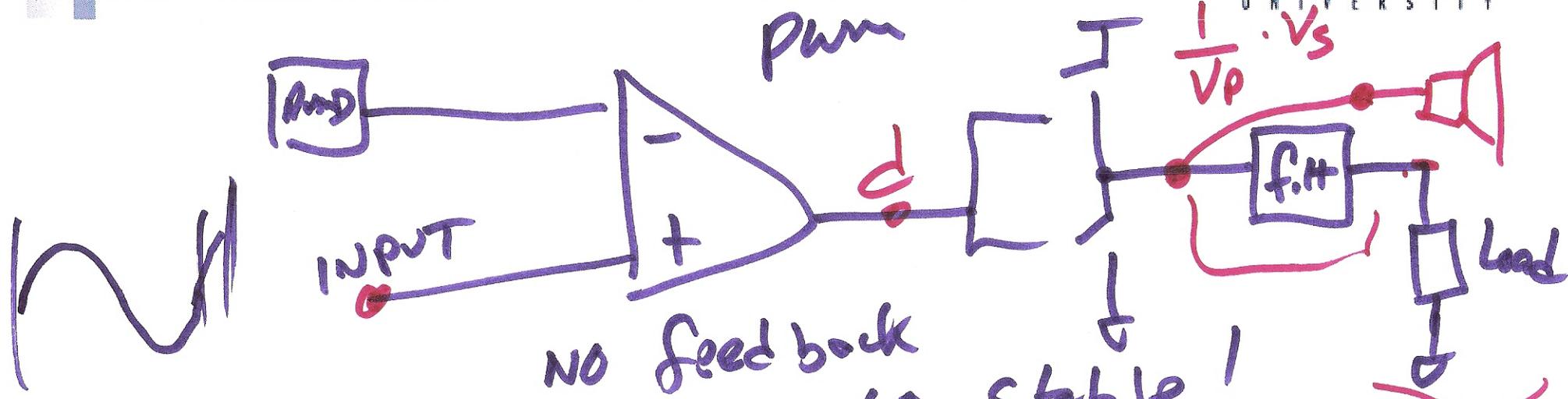
Signal Sink

$$\frac{1}{2\pi L/R}$$

$$\frac{R}{2\pi L}$$



2)



$$R_2 + \frac{1}{j\omega R_2 C}$$

3)