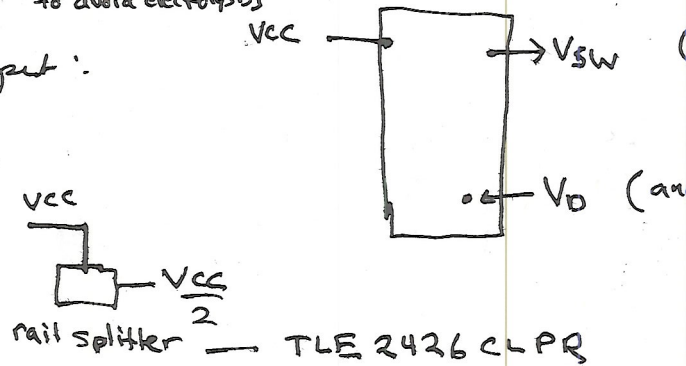
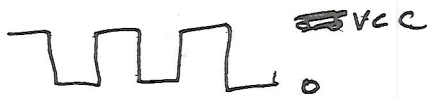


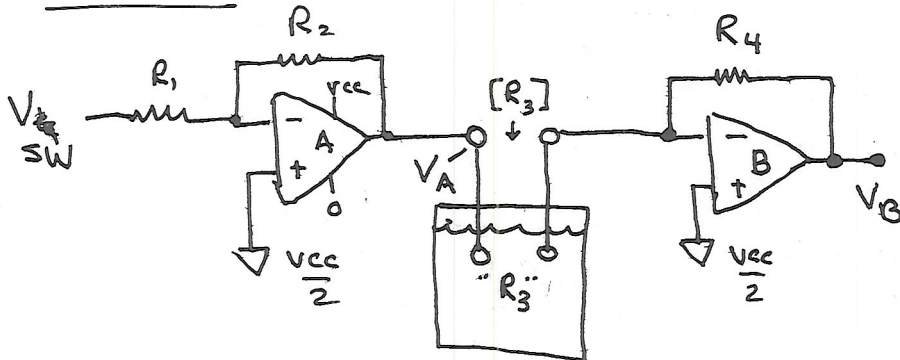
[keep signal < 0.1 volts
to avoid electrolysis]

① AC : square wave output :



1 pin
@ 10 kHz)
input)

① attenuation



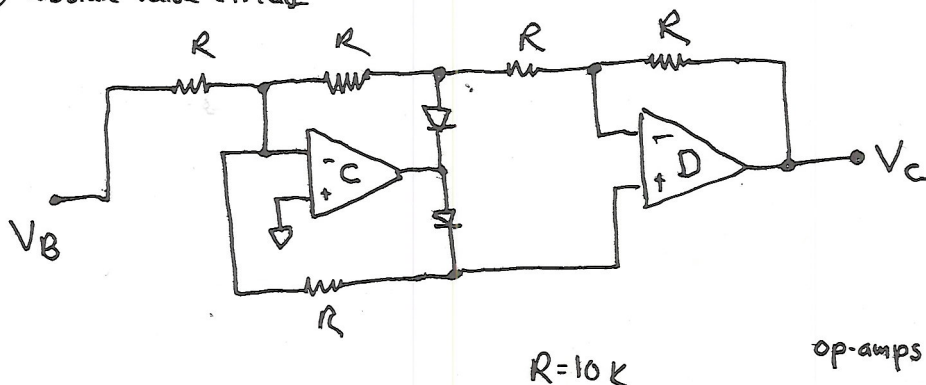
② amplification

$$V_A = -\frac{R_2}{R_1} \cdot \frac{V_{cc}}{2}$$

$$V_B = -\frac{R_4}{R_3} \cdot \frac{V_{cc}}{2}$$

Vary R_4 for amplification

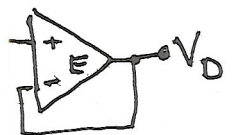
③ absolute value circuit



④ low-pass

$$R = 1.3M$$

$$C = 0.1\mu F$$



op-amps: B: JFET, A, C, D, E: TI 3741