

DATA for Impedance and Reactance Lab

$$C = 88.0 \mu\text{f}$$

$$R_R = 32.8 \Omega$$

$$R_{\text{ckt}} = 33.1 \Omega$$

$$\nu = 50 \text{ Hz}$$

$$V_{\text{ps}} = .735 \text{ v}$$

$$V_R = .430 \text{ v}$$

$$i_{\text{RMS}} = 13.16 \text{ mA}$$