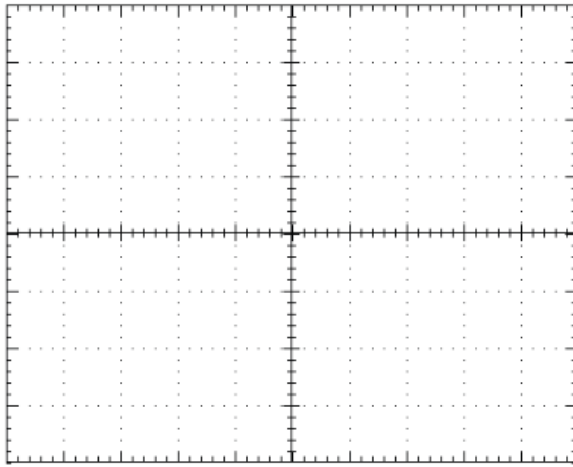


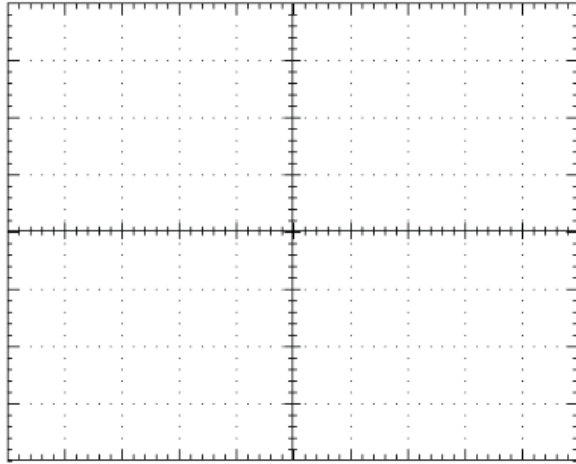
EXPERIMENT RESULTS



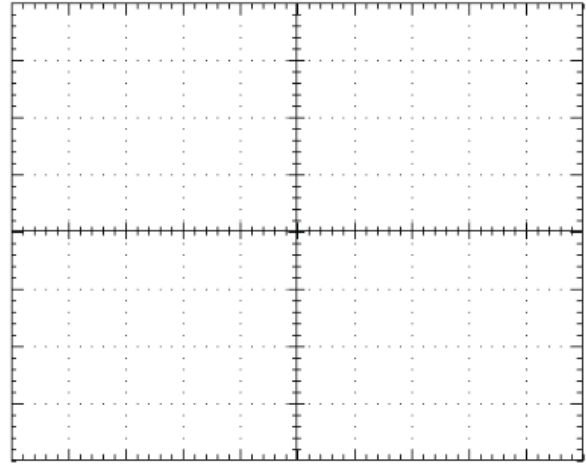
Gate Voltage =

Dead Time =

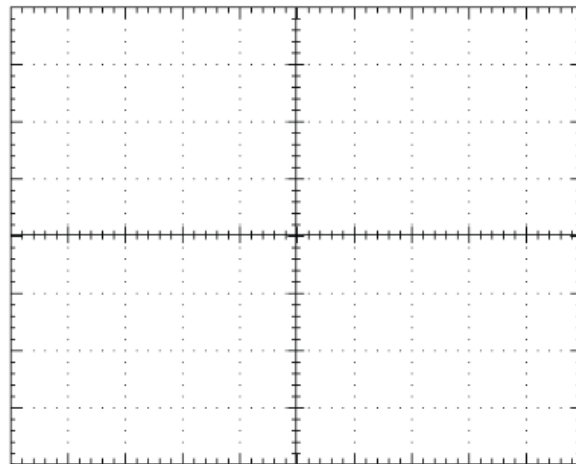
(a) Measured U_+ ve U_- ($V_c=5V$, $f_c=5kHz$)



(b) V_{uv} ve I_u

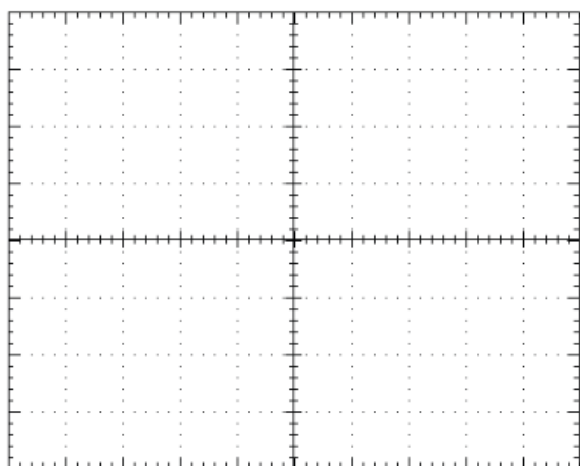


(c) V_{uv} ve V_{vw}

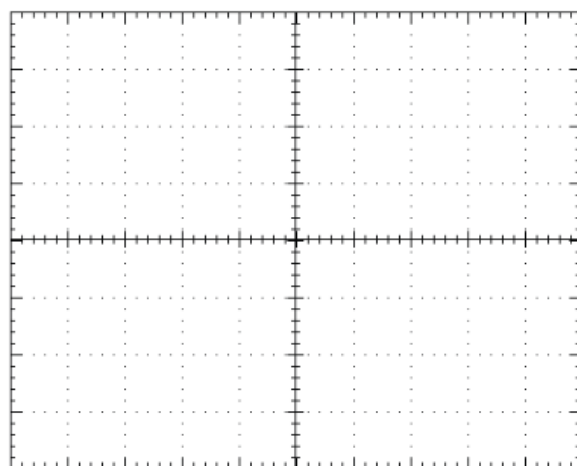


(d) I_u ve I_v

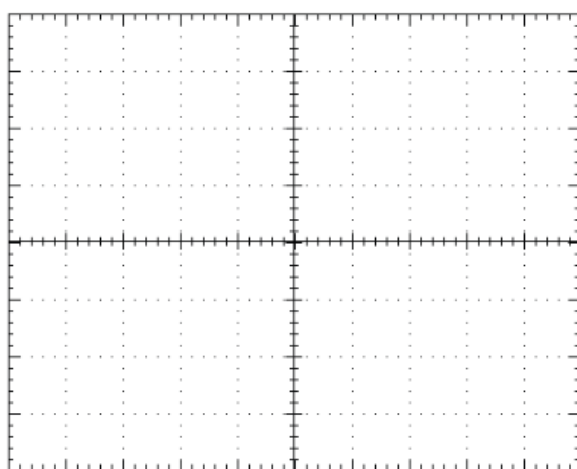
Figure 1. $V_c=5V$, $f_c=5kHz$ Voltage and Current Waveform



(a) Vuv Voltage

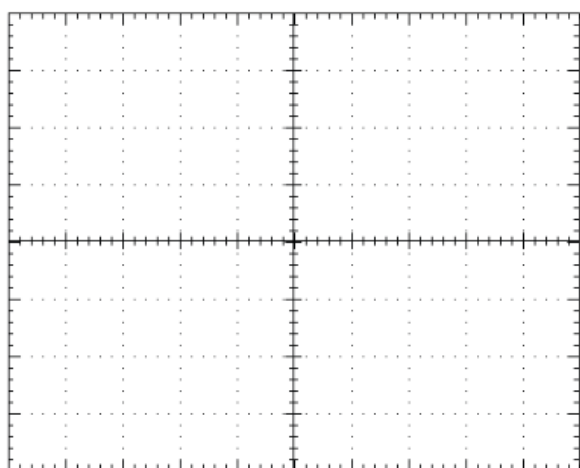


(b) Vun Voltage

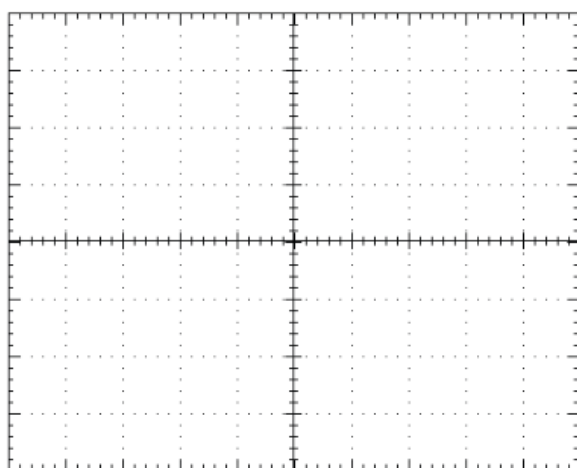


(c) Iu ve Iv Circuit

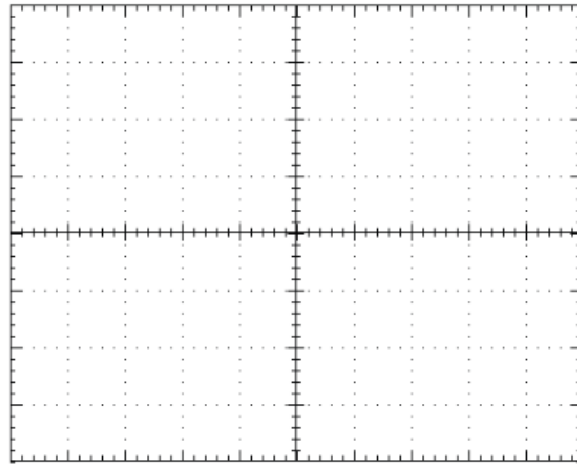
Figure 2. 50 Hz Voltage And Current Waveform



(a) Vuv Voltage



(b) Vun Voltage



(c) I_u ve I_v Current

Figure 3. 75 Hz Voltage And Current Waveform

- Interpret the results obtained.