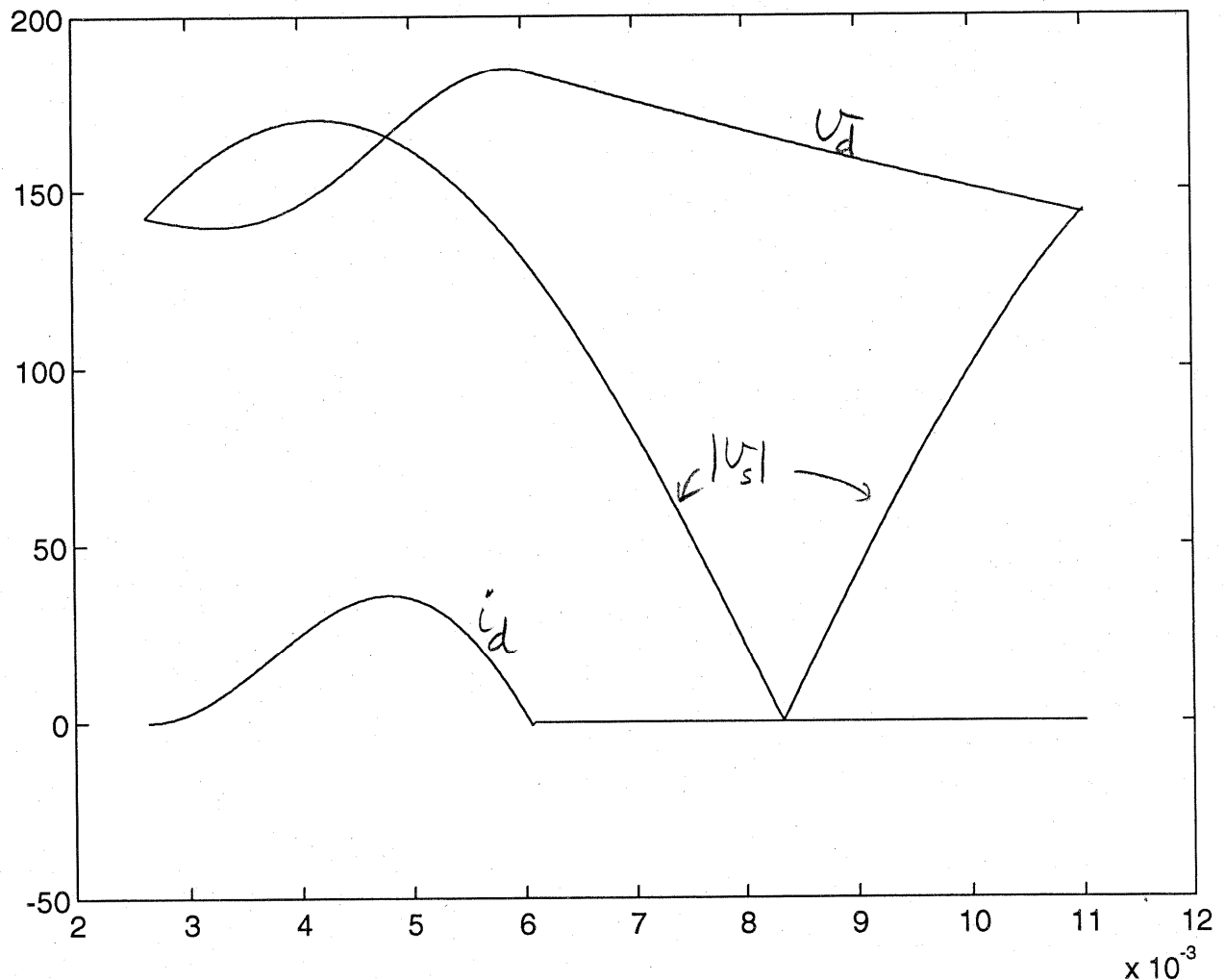


### Problem 5-12

Note that  $V_d$  in the MATLAB program listing is referred as the capacitor voltage  $V_c$ .

$$V_d \approx 160.87 \text{ V}$$
$$\text{and } P_d \approx 1304 \text{ W}$$



Note that the waveforms are identical to those in Fig. 5-22.