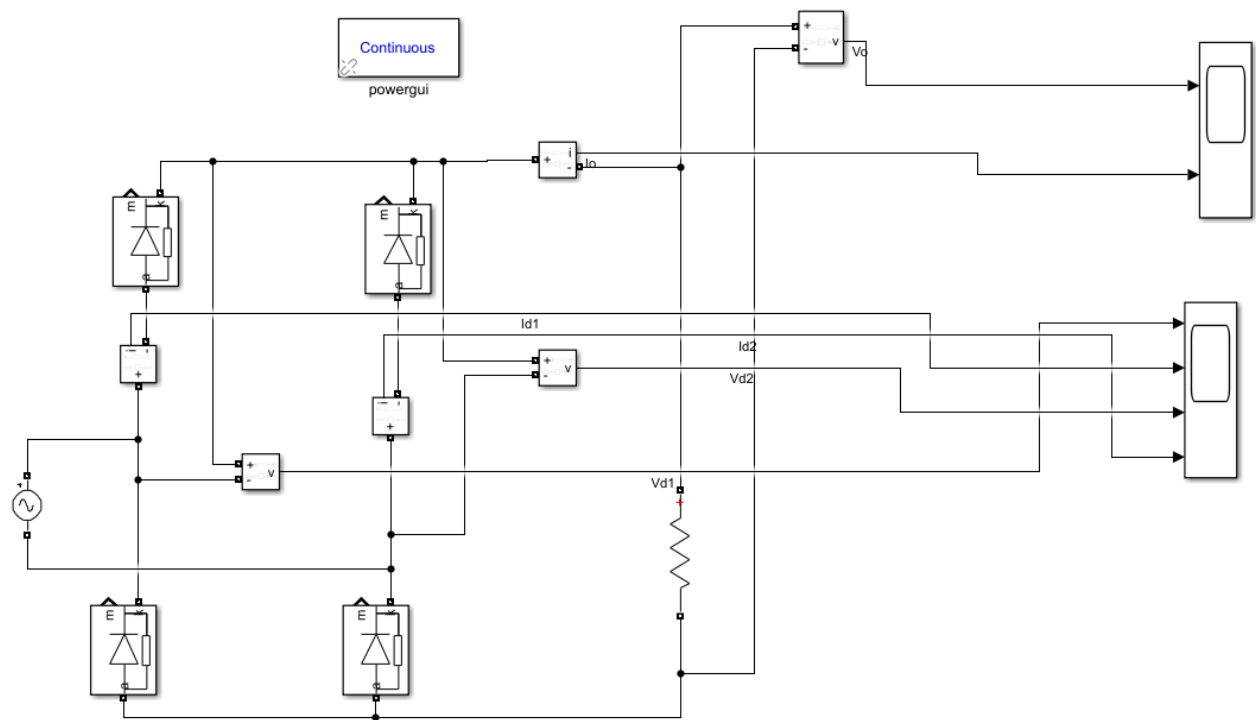
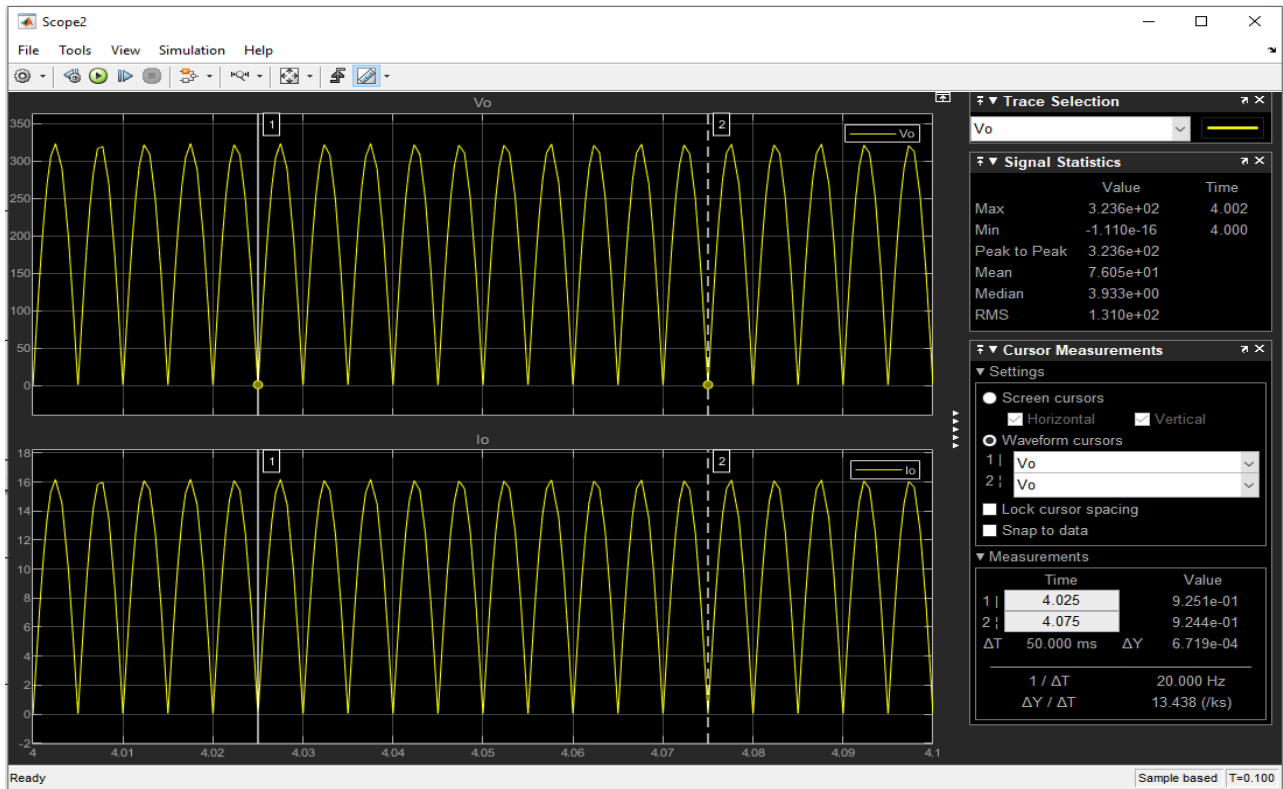
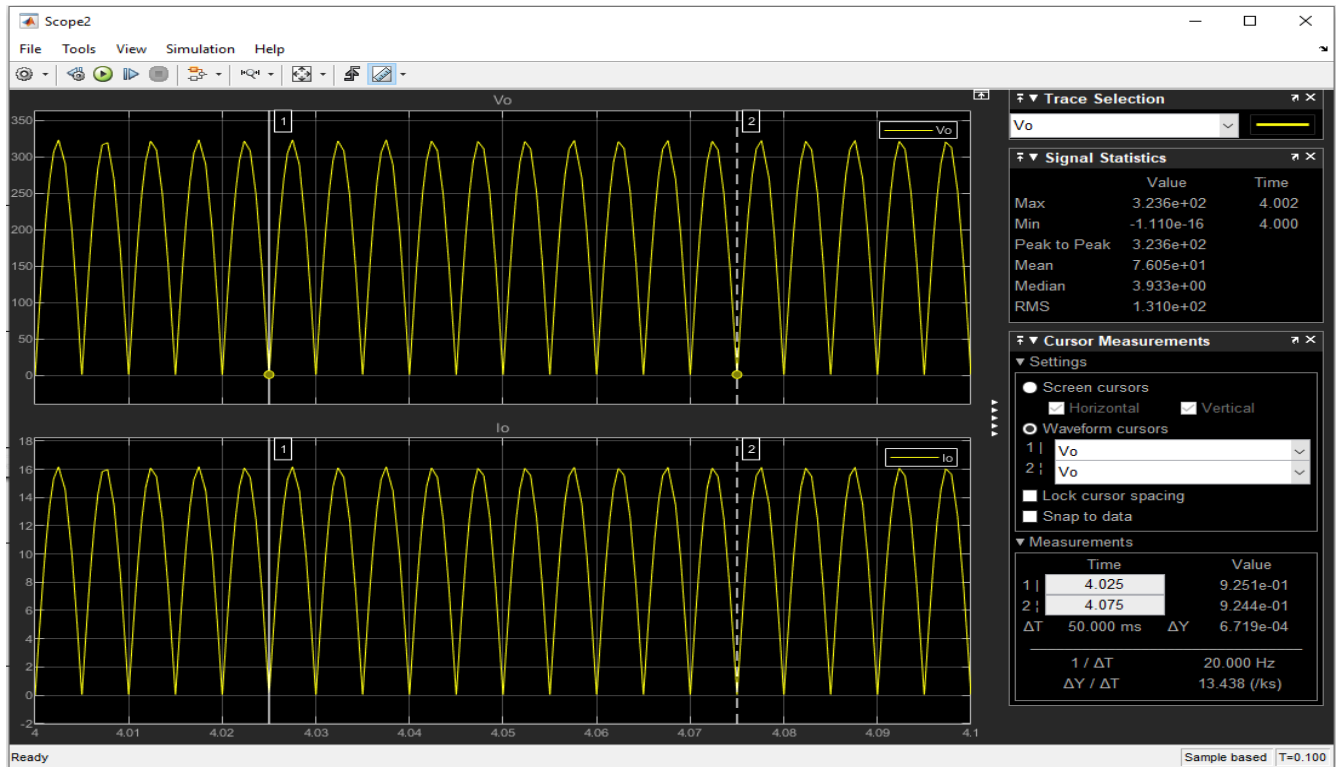


A single-phase diode bridge rectifier with resistive load ($V_s = 230$ Vrms, 100Hz, $R = 20$ ohm)

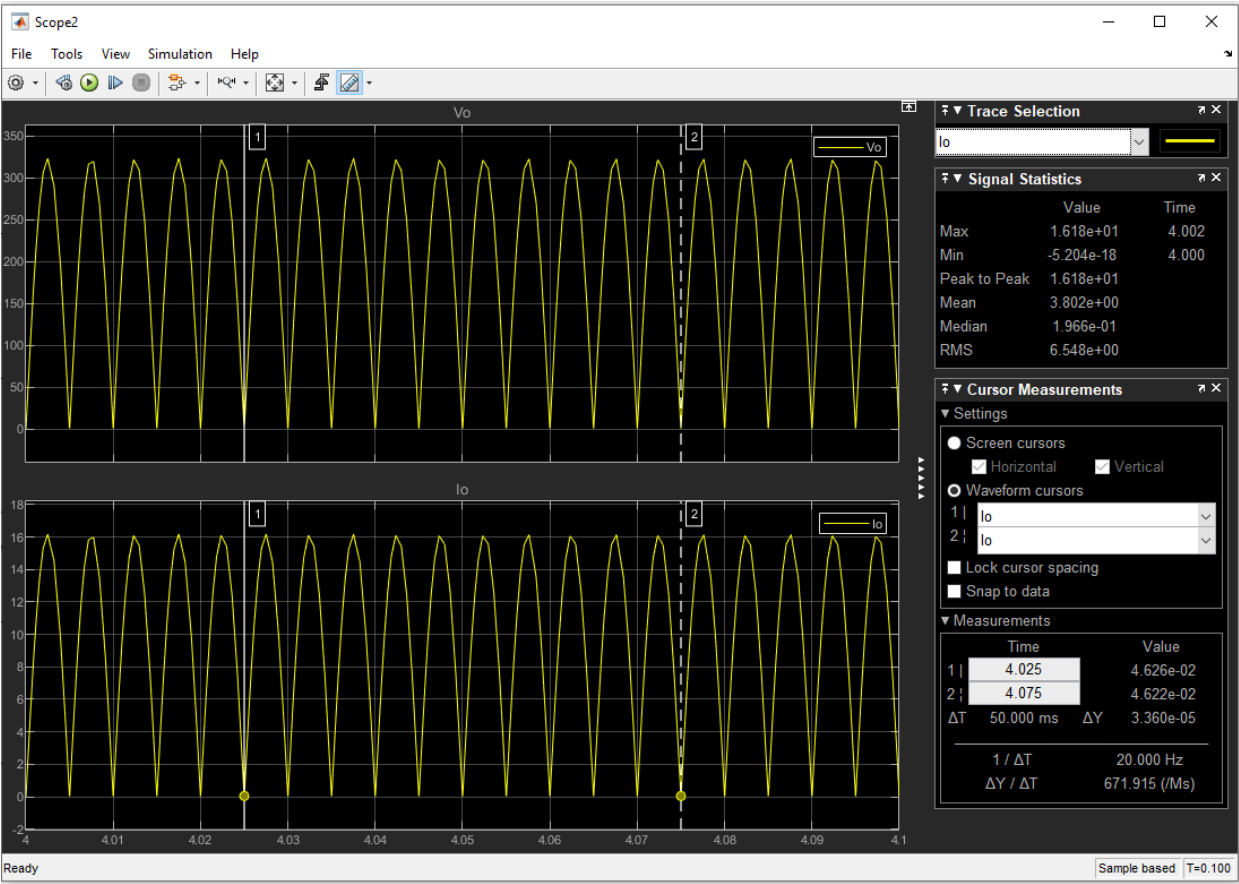




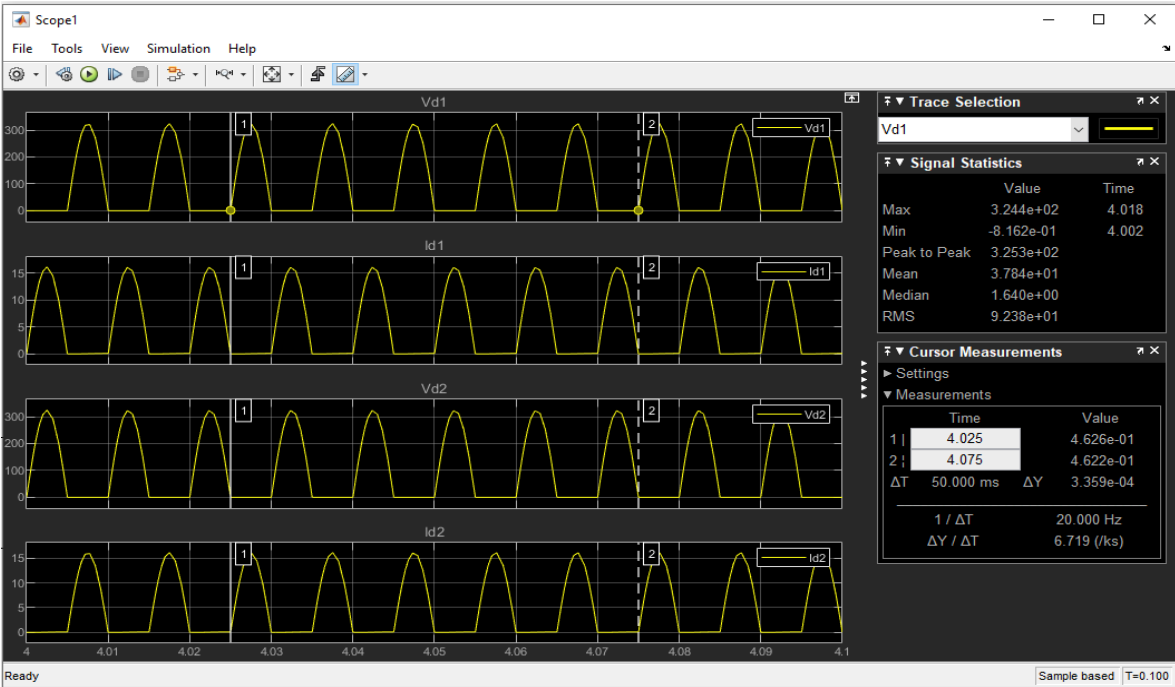
A) load voltage

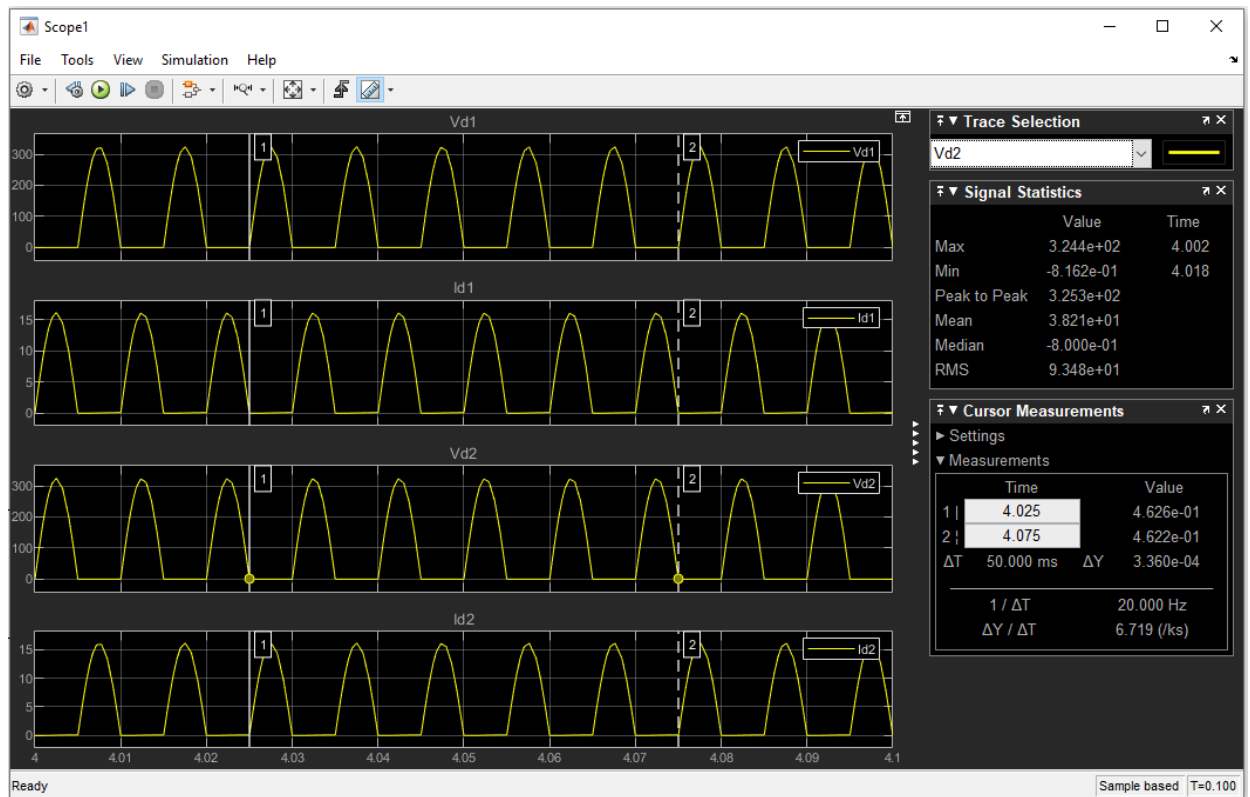
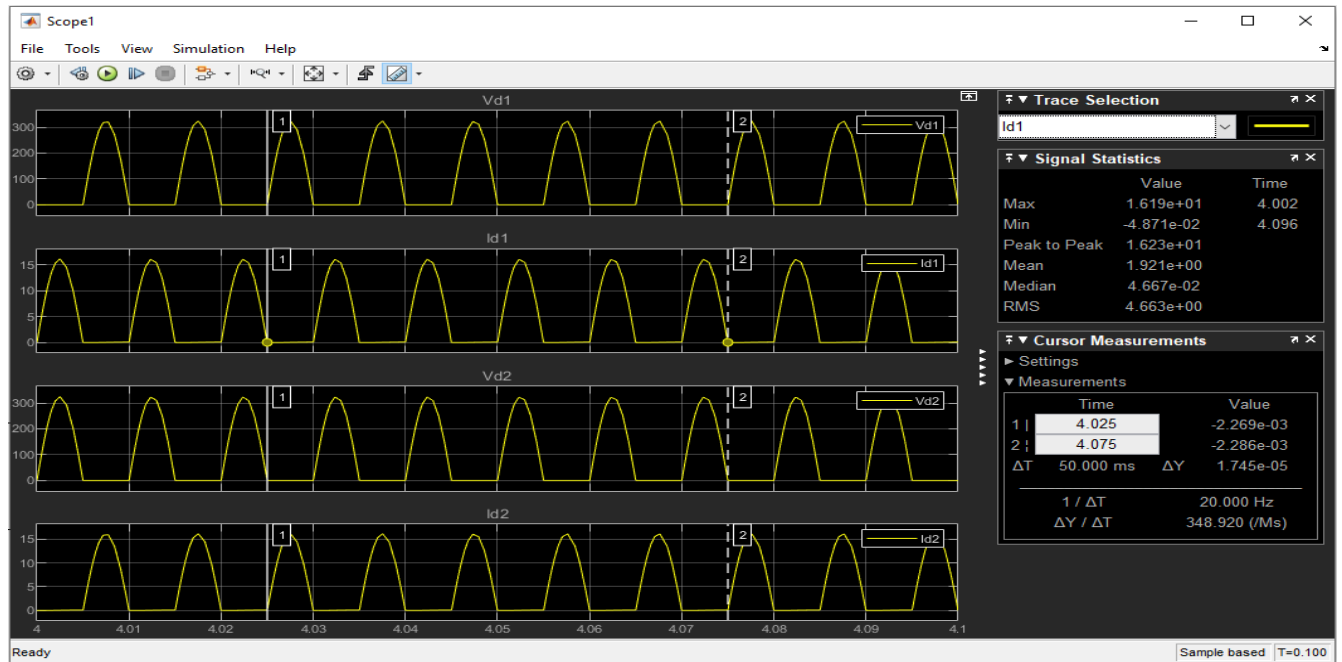


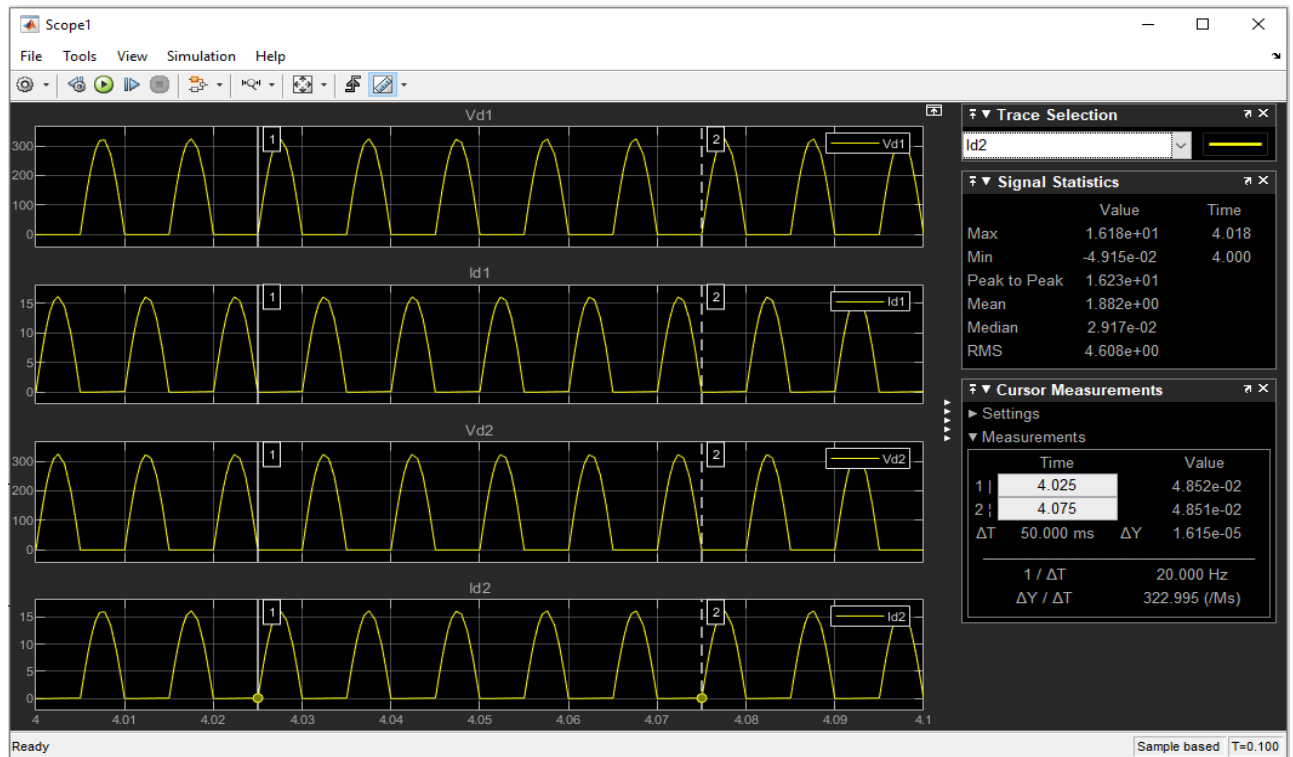
load current:



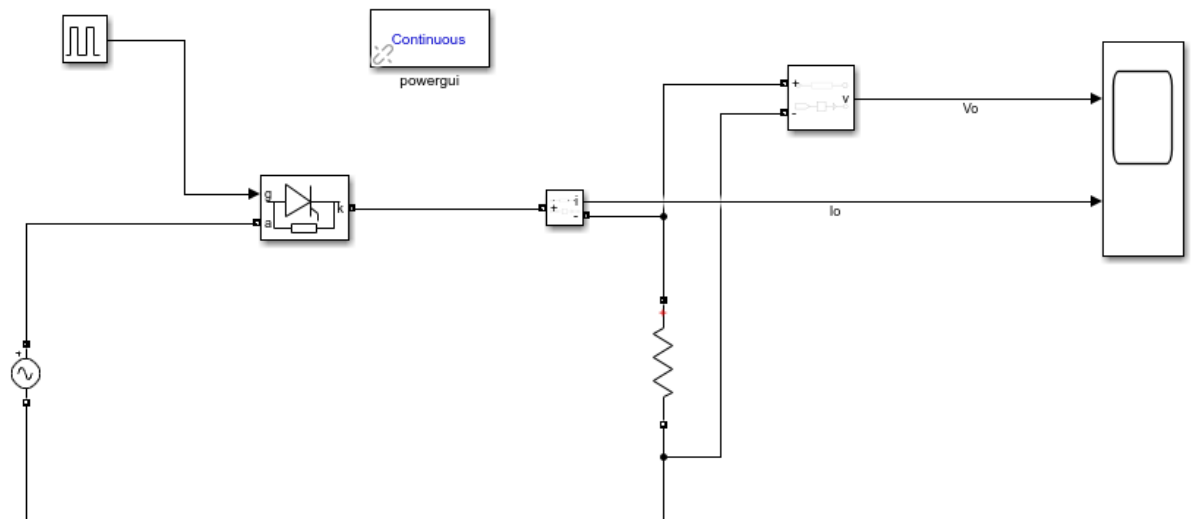
voltage and current across the diode D1 and D2:







single-phase half bridge-controlled rectifier with resistive load ($V_s = 300$ Vrms, 60Hz, $R = 50$ ohm).



The load voltage, and load current:

