

indmc_free_1.grc

indmc_free_1 simulates free acceleration of an induction motor. indmc1.xbe is used to model the induction motor. Note that the supply voltages v_a , v_b , v_c are converted to v_{ds} v_{qs} using abc_to_dq.xbe. The machine speed, torque, and terminal currents can be plotted versus time.