

## m\_indmc\_1.grc

m\_indmc\_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.