Calculation for Constant Inputs 120 Current Rated Voltage (u) Voltage Step Signal (u) 7 **→** tau_L w_M **▶** w_M Rated Torque (Nm) Motor Rotational Speed DC Motor Load Torque Step Signal (tau_L) 20 Current, i (A) 314.3 Motor Rotational Speed, w_M (rad/sec)