

Lab 09: Torque-Speed Characteristics of Induction Motor

Objective:

Create and execute a Matlab Program to plot torque-speed characteristics of induction motor with varying rotor resistance.

Reference: Book: S. J. Chapman; Chapter 7, Section 7.5

Refer to example problem 7-5 (page 414-416)

Calculate and plot torque-speed characteristics of the Induction Motor for the following rotor resistance R_R :

- (a) Chosen value of R_R .
- (b) Half of the value of R_R .
- (c) Double the value of R_R .