

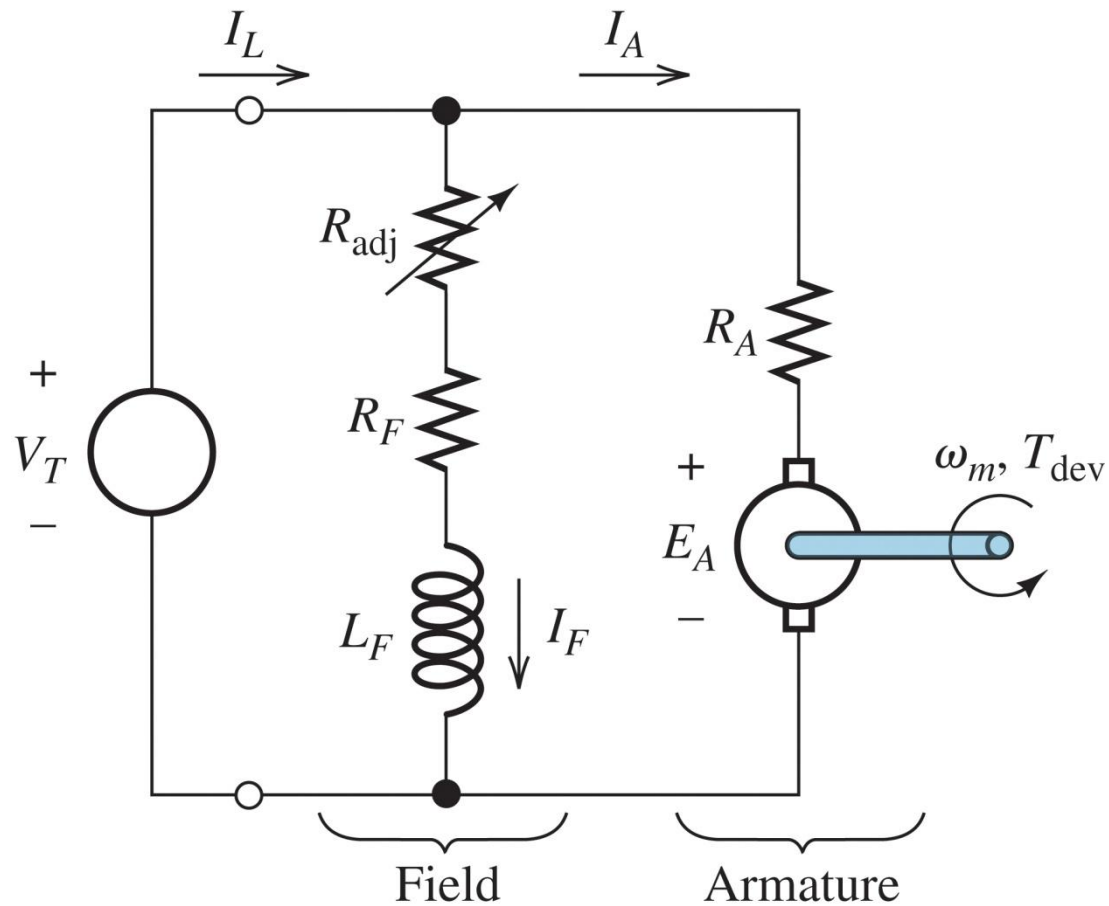
# EELE 250: Circuits, Devices, and Motors

Electric Motors

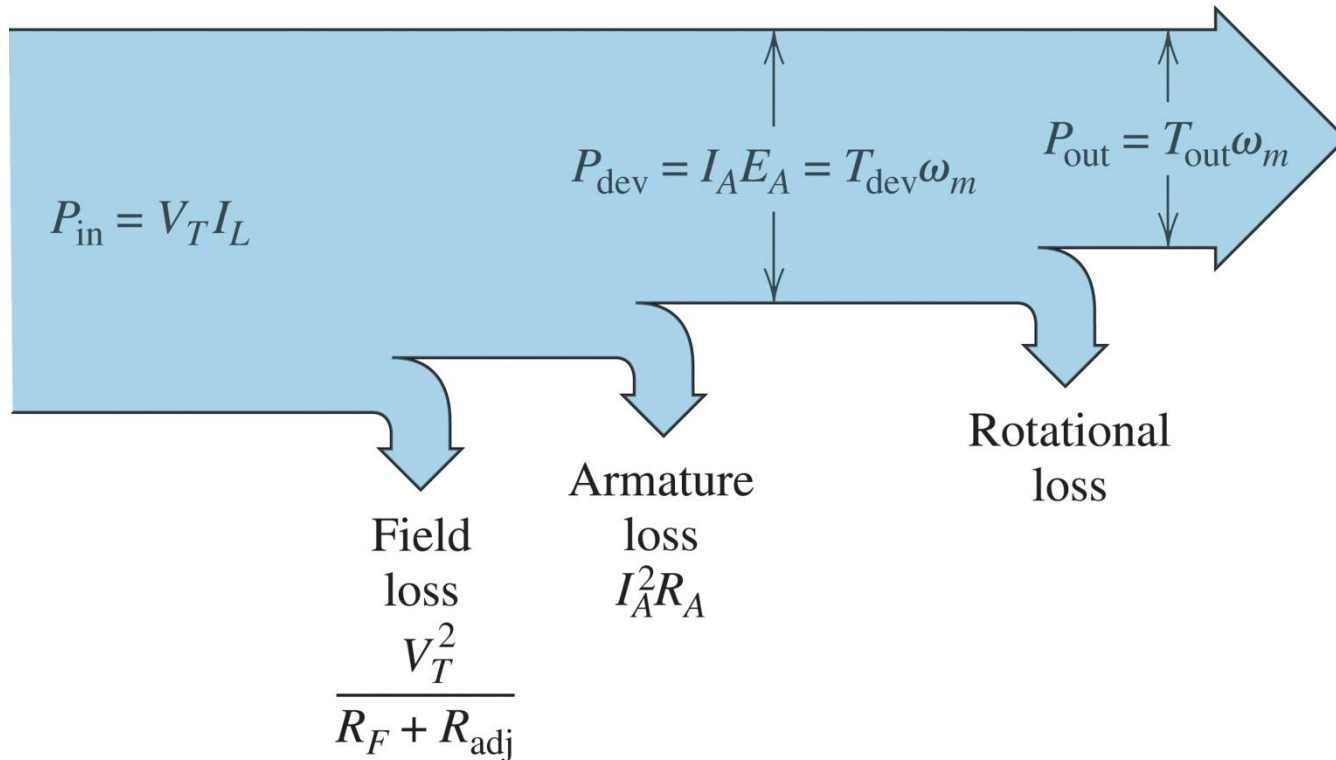
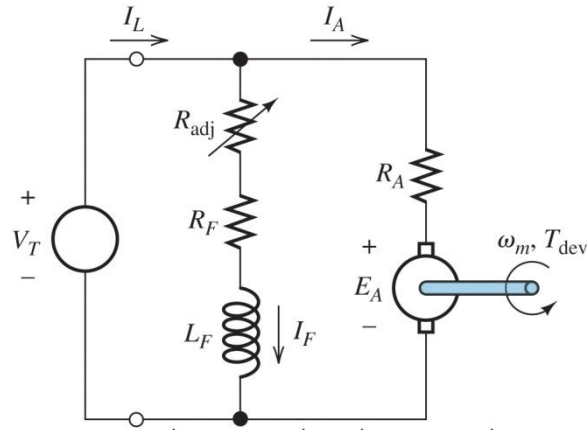
# Assignment Reminder

- Last week of class: congratulations!
- No quiz this week.
- No lab this week.
- Major course review on Wednesday and Friday
- Final Exam on Thursday, December 15, 8AM
  - Comprehensive coverage
  - Three handwritten sheets of notes
  - Calculator and pen/pencil

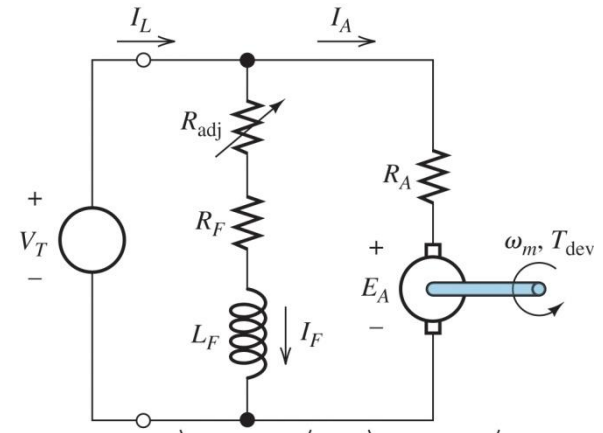
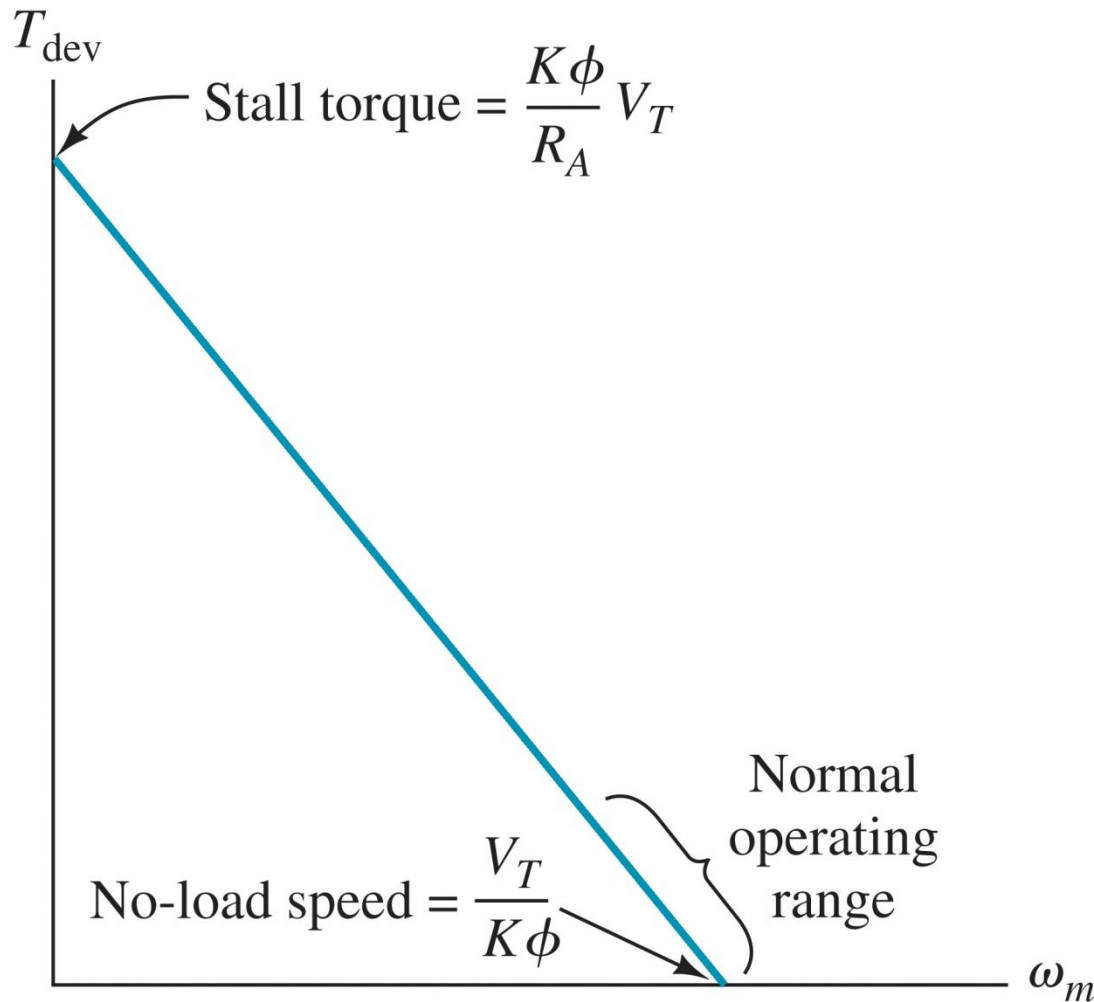
# DC Motor: Shunt Connection



# Shunt Connection (cont.)

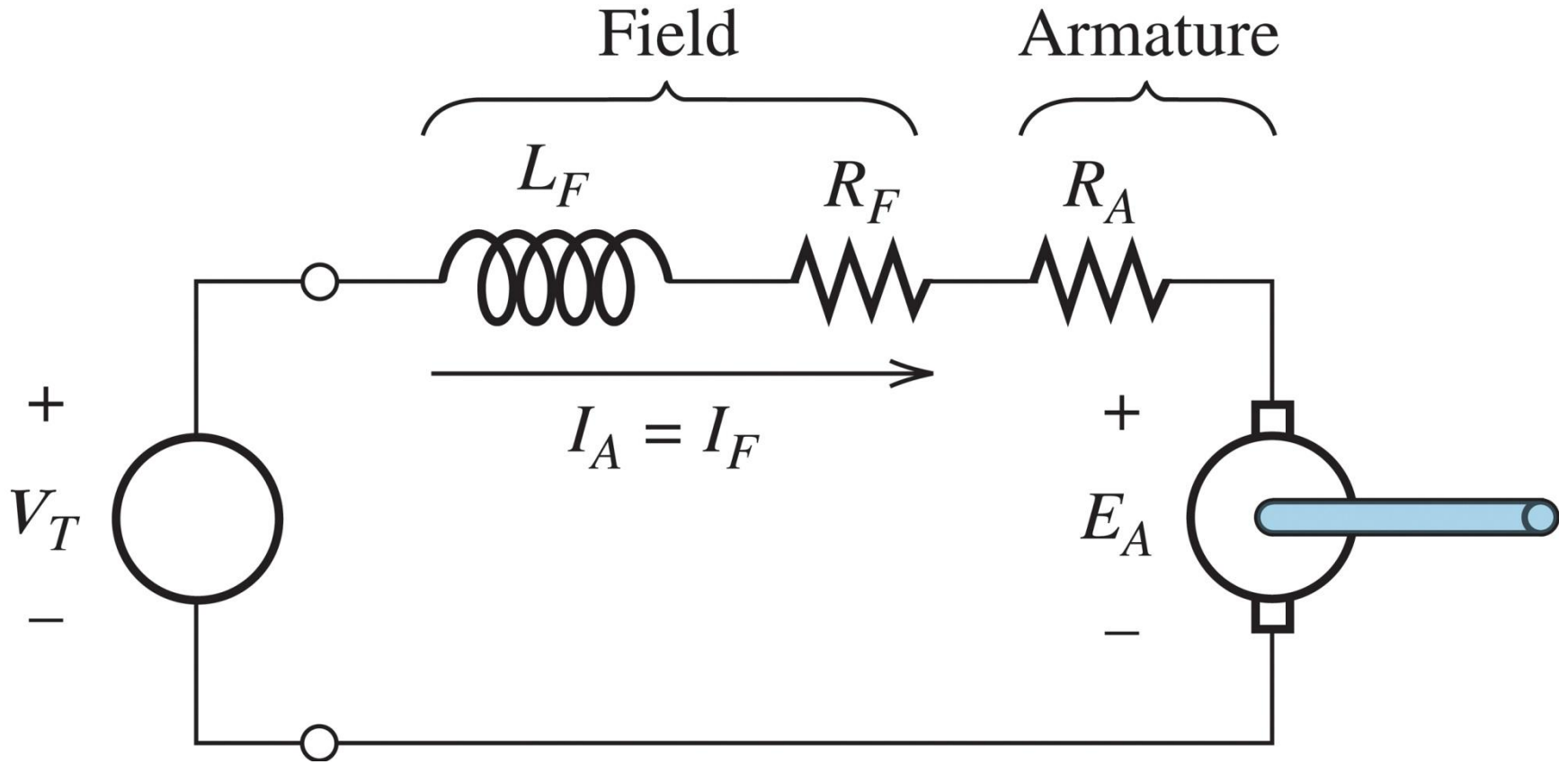


# Shunt Connection (cont.)

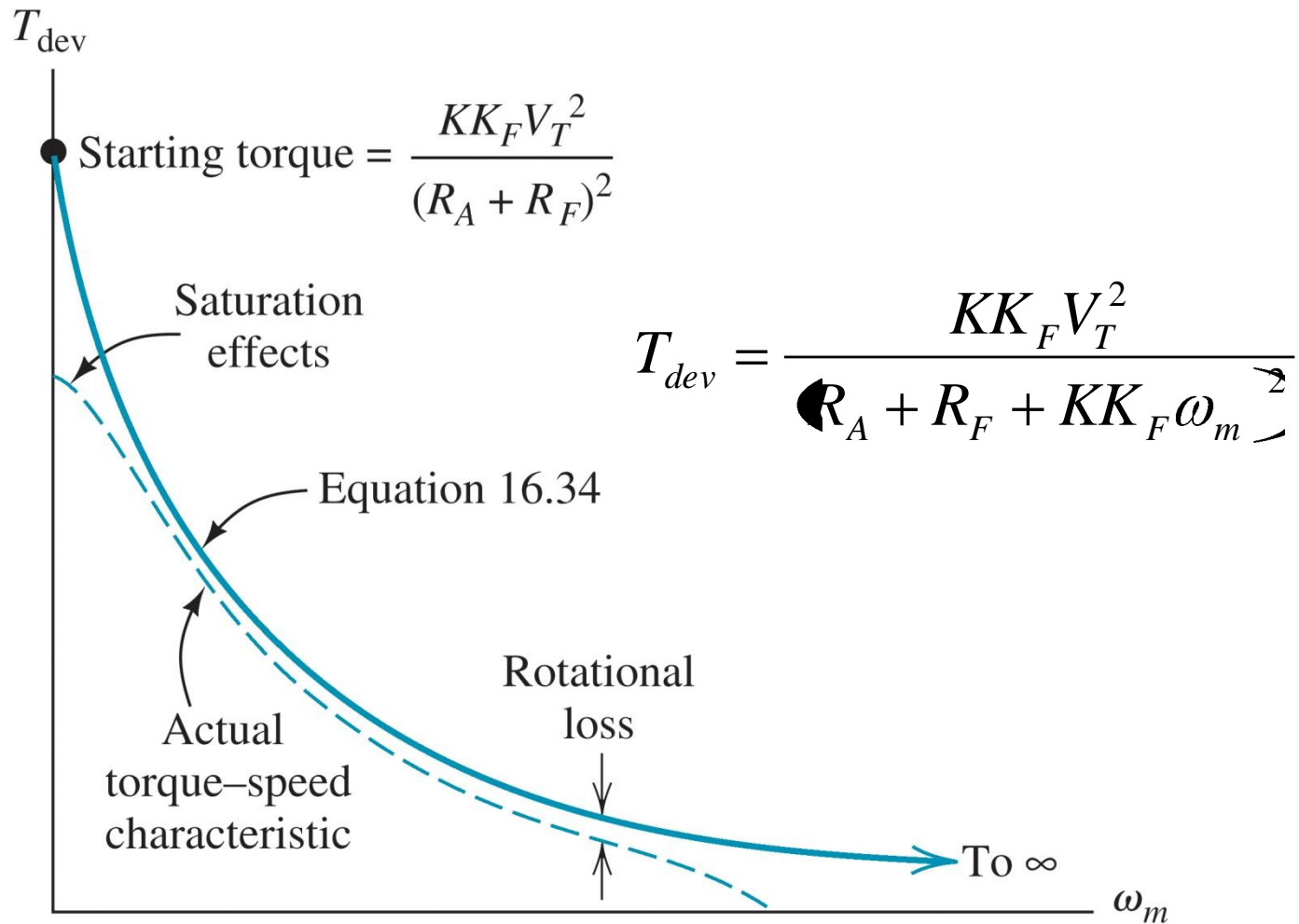


Also:  
Separately-excited  
and  
Permanent Magnet  
Motors

# DC Motor: Series Connection



# Series Connection (cont.)



# Converting AC to DC

- Rectifier concept: diodes
- Half-wave rectifier
- Full-wave rectifier