Examination Feedback for EEE202 – Electromechanical Energy Conversion
Spring Semester 2008-09

Feedback for EEE202 Session:2008-2009

Feedback: Please write simple statements about how well students addressed the exam paper in general and each individual question in particular including common problems/mistakes and areas of concern in the boxes provided below. Increase row height if necessary.

General Comments:

This should have been a relatively simple paper, but an increasing number of students seem to have little motivation to learn their notes, preferring everything to be given on a plate. A prime example was a number of students not knowing μ_o, a fundamental in this subject area.

Question 1:

The first part of this question was straight forward, but had a surprising variation in the depth of the explanations, two lines and a scribble are insufficient for full marks. The same is true for the second part as both are from the notes. The remaining parts involved calculation and thought, and this is where a number of students had problems, be it problems with secondary school maths, or problems with thinking.

Question 2:

The first part was straight from the notes, up to 50% of the students couldn't remember it. The second part was to test understanding and whilst was in the notes, relied on a little thought. Most people managed part C ok, and seemed not to find part D at all, or gave the number of quadrants without qualifying their choice.

Question 3:

Part A was straight from the notes and was ok, although a few students seem to think that a scribbled diagram is sufficient. Few could remember what a torque speed curve looked like for an induction motor despite it being in the notes, and the calculation was beyond some.

Question 4:

Nearly everyone attempted this, some not very well considering it was similar to a tutorial question. I guess this relates to the number of students at the tutorials. The explanations for part C varied from very good, to mostly undecipherable.