ME 4290/5290 Mechanics & Control of Robotic Manipulators

Robotics Journal Article Presentation(s)

due Wednesday 11/30/16, in class, LMP8

(a first one is due for each graduate student Monday 10/17/16, in class)

NO LATE ASSIGNMENTS ACCEPTED!

This lab mini-project focuses on the robotics literature. It is worth one 10 point lab mini-project grade for undergrads. Grad students must do this presentation plus the midterm presentation, hence they have two lab mini-project grades in this area. You cannot drop this (these) mini-project grade(s).

Each lab team (individual graduate student) must find a robotics/haptics journal article in the electronic library in a robotics research area of interest. Conference papers will be acceptable also. First, approve your choice with Dr. Bob. You must then read it in detail and present a synopsis of the journal article orally in class as assigned above. There will be a short time limit for presentations, so you must carefully prepare and practice your talk. You will be evaluated for a regular 10-pint lab mini-project grade, LMP8, on your oral presentation and report, including a one-page memo summarizing the journal article. Make liberal use of graphics/videos in your presentation.

Here are the important points for your journal article presentation and report:

- Be sure to include the full bibliographic information for your article in your memo.
- Your memo must be your own written summary of the article, i.e. you cannot merely repeat the article abstract.
- You MUST approve your article choice with Dr. Bob prior to presentation, no exceptions, by Friday 10/14/16 (graduate students) and by Monday 11/28/16 (all students).
- Your choice cannot be an article I have written (or any other author at OU).

For submission:

- Original Memo – your abstract and the article bibliographical information
- PPT presentation slides
- Photocopy of the journal article