Course Information

Professor:  Pramod N. Achar  
Office:  266 Lockett Hall  
E-mail:  pramod@math.lsu.edu  
Office hours:  9:00am–10:30am on Tues. (4032) and Fri. (7211)  
Phone:  578-7990

TA:  Ying Hu  
Office:  379 Lockett Hall  
E-mail:  yhu4@math.lsu.edu  
Office hours:  Fri. 2pm–3pm

If you cannot make it to my office hours, you may arrange to meet with me at another time by appointment.

Course outline. For the bulk of the semester, we will follow the book


For a handful of topics, I will distribute photocopied notes from other sources. A tentative schedule of topics for the semester is as follows:

- Field theory and Galois theory (Chapter III) 4 weeks
- Categories and functors 1 week
- More on modules and noetherian rings (parts of Chapters II & IV) 2 weeks
- Structure of rings and algebras (Chapter V) 3 weeks
- Group representations (Chapter VI.8) 2 weeks
- Multilinear algebra 1 week
- Other topics 1 week

Homework. Problem sets (usually consisting of 3–5 problems) will be assigned and collected every week. All the homework exercises will be posted on Moodle.

Exam. There will be a two-hour final exam on Friday, May 11, 10:00am–12:00noon.

Grading. The final grade will be computed as follows: 80% homework, 20% final exam.