Instructor: Ulrich Meierfrankenfeld
Office: A206 Wells Hall
Phone: 353-4487
e-mail: meier@math.msu.edu
Web page: www.math.msu.edu/~meier
Office Hour: Mo, Wed, Fr 11:30-12:20 + appointments + walk ins
Class time and Classroom: Mo, Wed 1:40-2:50 PM, C300 WH

Classnotes: Available on my web page. The class notes will be partially based on “J.E. Humphreys, Introduction to Lie Algebras and Representation Theory”

Topics: Complete the proof for the classification of the standard Lie algebras. Construction of the groups of Lie-Type over arbitrary fields. Same characteristic representation for Lie groups and Lie algebras.

Homework: There will be 5 homework assignments distributed and collected approximately every 2-3 weeks. You are allowed to work in groups, but your final version has to be in your own words and handwriting.

Grades: Your final grade will be determined by a curve based on the total number of points you achieved. Each of the 5 homework assignments is worth 100 points.