

Math 223a, Lie Algebras

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Math 223a is a course on Lie Algebras, based mostly on Humphreys' book, Introduction to Lie algebras and representation theory. Lie algebras and their representations are an important and beautiful part of mathematics, and the prerequisites are minimal. Linear algebra (but fairly sophisticated linear algebra) is all that is needed. The course is scheduled for MWTh 11-12 in room 100. The first meeting will be on Thursday August 30.

If you want a grade in the course (and that is true if you are an undergrad), then you will need to do the weekly homework exercises. They will be collected and graded.