

Math 101b – Algebra II

Spring 2008

Instructor: Prof. Ivan Horozov
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Office: Goldsmith 205
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Class schedule: Tue, Fri 10.40 a.m. – 12.00p.m.
Textbook: Algebra by S. Lang, Third Edition ISBN 0-201-55540-9

Syllabus

Hom and tensor product. Ext and Tor. Derived functors. Representations of finite groups. Bilinear forms. Lie groups and Lie algebras.

Class announcements: The LATTE system will be used for communication with the entire class including reminders for the weekly assignments.

Homework:

Homework will be assigned and collected every week, graded and returned to you regularly.

Grading formula:

Your grade will be based on the homework.

Students with disabilities: If you are student with a documented disability on record at Brandeis University and wish to have a reasonable accommodation made for you in 101b class, please see me as soon as possible.

***Please, do not hesitate to send/ask me any questions that you have.