

The Department of Mathematics

2015–16–A term

Course Name Derived categories I

Course Number 201.2.0361

Course web page

http://www.math.bgu.ac.il/~amyekut/teaching/2015-16/der-cats-I/course_page.html

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Office Hours <https://www.math.bgu.ac.il/en/teaching/hours>

Abstract

Requirements and grading¹

Course topics

1. Review of abelian categories and additive functors.
2. Differential graded rings, modules and categories.
3. The derived category of a differential graded category.
4. Derived functors. Resolutions of differential graded modules.

¹Information may change during the first two weeks of the term. Please consult the webpage for updates