



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Homological Algebra

2223-105R-HA

Title

Homological algebra

Teacher(s)

Thomas Weigel

Language

English

Short description

Homological algebra is a discipline in algebra and geometry which has been established around 1950 by several authors. The key issues of this theory is

- (a) to describe particular objects in a given abelian category like injective or projective modules,
- (b) to consider appropriate chain complexes to extend a given abelian category,
- (c) to introduce and describe derived functors and to establish methods allowing to calculate these on a series of distinguished objects.

CFU / Hours

28 hours

Teaching period

May-July 2023

Sustainable Development Goals

QUALITY EDUCATION
