

PHYS 745. SUPERSYMMETRY AND SUPERGRAVITY.

Credits: 3

Offered by: Physics (Graduate Studies)

This course is not offered this catalogue year.

Description

Introduction to supersymmetry and supergravity, including the Minimal Supersymmetric Standard Model (MSSM). Basic formalism of supersymmetry (SUSY) transformations and the superfield formalism, simple SUSY models, the MSSM and its phenomenology, mechanisms for breaking supersymmetry, introduction to 4-D supergravity.

- Prerequisite: PHYS 610.

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