PHYS 657. CLASSICAL CONDENSED MATTER.

Credits: 3

Offered by: Physics (Graduate Studies)

This course is not offered this catalogue year.

Description

Coarse-grained dynamical models of condensed matter systems and their application to non-equilibrium phase transformations. Topics include: spontaneously broken symmetry, slow dynamics, phase field models, classical density functional theory, amplitude models, perturbation methods, interface dynamics, phase stability, topological defects in solids and microstructure evolution.