

PHYS 192: Intro to Mathematical Physics

Treats vectors and tensors, linear transformations, complex variables, calculus of residues, partial differential equations of physics, Green's functions, Strum-Liouville theory, orthogonal functions, and Fourier transform methods.

Credits: 3

Program:

Physics

COURSE DESCRIPTIONS

Essential Learning Outcomes: ELO #3: Knowledge of the Physical and Natural World