PHYS 70003
Mathematical Methods in Physics

A study of the methods of mathematical physics.

- ➢ Linear vector spaces
- ➢ Matrices
- ➢ Group theory
- ➢ Complex variable theory
- ➢ Infinite series
- ➢ Special functions
- ➢ Differential equations

Level:
- ➢ Graduate students: Core requirement.

Offered: Every fall.

Text: *Mathematical Methods For Physicists* by George B. Arfken and Hans J. Weber