

## CHAPTER OVERVIEW

### 11: Operators

#### Chapter Objectives

- Understand the concept of a mathematical operator.
- Understand how to identify whether an operator is linear or not.
- Understand the concept of eigenfunction and eigenvalue of an operator.
- Learn how to perform algebraic operations with operators.
- Understand the concept of the commutator.
- Learn how to use operators in the context of quantum mechanics.

[11.1: Definitions](#)

[11.2: Operator Algebra](#)

[11.3: Operators and Quantum Mechanics - an Introduction](#)

[11.4: Problems](#)

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