

## CHAPTER OVERVIEW

### 14: Vectors

#### Objectives

- Be able to perform operations with vectors: addition, subtraction, dot product, cross product.
- Understand how to calculate the modulus of a vector, including vectors containing complex entries.
- Understand how to normalize vectors.

[14.1: Introduction to Vectors](#)

[14.2: The Scalar Product](#)

[14.3: The Vector Product](#)

[14.4: Vector Normalization](#)

[14.5: Problems](#)

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