

CHAPTER OVERVIEW

7: Fourier Series

Chapter Objectives

- Learn how to express periodic functions, identify them as even, odd or neither, and calculate their period.
- Compute the Fourier series of periodic functions.
- Understand the concept of orthogonal expansions and orthonormal functions.

[7.1: Introduction to Fourier Series](#)

[7.2: Fourier Series](#)

[7.3: Orthogonal Expansions](#)

[7.4: Problems](#)

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