

## CHAPTER OVERVIEW

### 6: Power Series Solutions of Differential Equations

#### Objectives

- Learn how to solve second order ODEs using series.
- Use the power series method to solve the Laguerre equation.

[6.1: Introduction to Power Series Solutions of Differential Equations](#)

[6.2: The Power Series Method](#)

[6.3: The Laguerre Equation](#)

[6.4: Problems](#)

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