Chapter 07.02

Trapezoidal Rule

OBJECTIVES

1. derive the trapezoidal rule of integration,
2. use the trapezoidal rule of integration to solve problems,
3. derive the multiple-segment trapezoidal rule of integration,
4. use the multiple-segment trapezoidal rule of integration to solve problems, and
5. derive the formula for the true error in the multiple-segment trapezoidal rule of integration.