



# ESSENTIAL CALCULUS

## EARLY TRANSCENDENTALS

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- 1** Functions and Limits
- 2** Derivatives
- 3** Inverse Functions:  
Exponential, Logarithmic, and Inverse Trigonometric Functions
- 4** Applications of Differentiation
- 5** Integrals
- 6** Techniques of Integration
- 7** Applications of Integration
- 8** Series
- 9** Parametric Equations and Polar Coordinates
- 10** Vectors and the Geometry of Space
- 11** Partial Derivatives
- 12** Multiple Integrals
- 13** Vector Calculus