



Calculus, Second Edition

By Gilbert Strang



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Contents: Preface; Supporting Materials; To the Student; Chapter 0: Highlights of Calculus; Chapter 1: Introduction to Calculus; Chapter 2: Derivatives; Chapter 3: Applications of the Derivative; Chapter 4: The Chain Rule; Chapter 5: Integrals; Chapter 6: Exponentials and Logarithms; Chapter 7: Techniques of Integration; Chapter 8: Applications of the Integral; Chapter 9: Polar Coordinates and Complex Numbers; Chapter 10: Infinite Series; Chapter 11: Vectors and Matrices; Chapter 12: Motion along a Curve; Chapter 13: Partial Derivatives; Chapter 14: Multiple Integrals; Chapter 15: Vector Calculus; Chapter 16: Mathematics after Calculus; Student Study Guide: Chapter 1; Answers to Odd-Numbered Problems; Index



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