

MATH 201 (DIFFERENTIAL AND INTEGRAL CALCULUS)

TEXT BOOK

Calculus Classic Edition

Author: Swokowski

Chapter 11 Infinite Series	11.1 Sequences. 11.2 Convergent or Divergent Series. 11.3 Positive-Term Series. 11.4 The Ratio and Root Tests. 11.5 Alternating Series and Absolute Convergence. 11.6 Power Series. 11.7 Power Series Representations of Functions. 11.8 Maclaurin and Taylor Series.
Chapter 16 Partial Differentiation	16.1 Functions of Several Variables. 16.2 Limits and Continuity. 16.3 Partial Derivatives. 16.4 Increments and Differentials. 16.5 Chain Rules. 16.8 Extrema of Functions of Several Variables. 16.9 Lagrange Multipliers.
Chapter 17 Multiple Integrals	17.1 Double Integrals. 17.2 Area and Volume. 17.3 Double Integrals in Polar Coordinates. 17.5 Triple Integrals.