



## Multivariable Calculus: Early Transcendentals (Available 2010 Titles Enhanced Web Assign)

By Stewart, James

Cengage Learning, 2007. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service!  
 Summary: 10. Parametric Equations and Polar Coordinates. Curves Defined by Parametric Equations. Laboratory Project: Families of Hypocycloids. Tangents and Areas. Laboratory Project: Bezier Curves. Arc Length and Surface Area. Polar Coordinates. Areas and Lengths in Polar Coordinates. Conic Sections. Conic Sections in Polar Coordinates. Applied Project: Transfer Orbits. Review. Problems Plus. 11. Infinite Sequences and Series. Sequences. Laboratory Project: Logistic Sequences. Series. The Integral Test and Estimates of Sums. The Comparison Tests. Alternating Series. Absolute Convergence and the Ratio and Root Tests. Strategy for Testing Series. Power Series. Representation of Functions as Power Series. Taylor and Maclaurin Series The Binomial Series. Writing Project: How Newton Discovered the Binomial Series. Applications of Taylor Polynomials. Applied Project: Radiation from the Stars. Review. Problems Plus. 12. Vectors and the Geometry of Space. Three-Dimensional Coordinate Systems. Vectors. The Dot Product. The Cross Product. Discovery Project: The Geometry of a Tetrahedron. Equations of Lines and Planes. Quadric Surfaces. Cylindrical and Spherical Coordinates. Laboratory Project: Families of Surfaces. Review. Problems Plus. 13. Vector Functions. Vector Functions and Space Curves. Derivatives and Integrals of Vector Functions. Arc Length and Curvature. Motion...

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