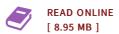# Basic Multivariable Calculus

By Marsden, Jerrold E. / Tromba, Anthony J.

Book Condition: New. Publisher/Verlag: Springer, Berlin | Basic Multivariable Calculus fills the need for a studentoriented text devoted exclusively to the third semester course in multivariable calculus. In this text, the basic algebraic, analytic, and geometric concepts of multivariable and vectro calculus are carefully explained, with an emphasis on developing the student's intuitive understanding and computational technique. A wealth of figures supports geometrical interpretation, while exercise sets, review sections, practice exams, and historical notes keep the student's active in, and involved with, the mathematical ideas. All necessary linear algebra is developed within the text, and the material can be readily coordinated with computer laboratories. | From the contents: Algebra and Geometry of Euclidean Space - Differentiation - Hig- her Derivatives and Extrema - Vector-Valued Functions - Multiple Integrals - Integrals over Curves and Surfaces - The Integral Theorems of Vector Analysis - Epilogue - Practice Examiniation 1 and 2 - Answers to Odd-Numbered Exercises - Index | Format: Hardback | Language/Sprache: english | 1138 gr | 533 pp.

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