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Fourth Edition

Michael Spivak

Spivak Calculus 4th Edition

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Single Variable Calculus Yunzhi Zou, 2018-03-19 The book is a comprehensive yet compressed entry level introduction on single variable calculus focusing on the concepts and applications of limits, continuity, derivative, definite integral, series, sequences, and approximations. Chapters are arranged to outline the essence of each topic and to address learning difficulties, making it suitable for students and lecturers in mathematics, physics, and engineering. Contents: Prerequisites for calculus, Limits and continuity, The derivative, Applications of the derivative, The definite integral, Techniques for integration and improper integrals, Applications of the definite integral, Infinite series, sequences and approximations

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Multi-Variable Calculus Yunzhi Zou, 2020-03-09 This book is a concise yet complete calculus textbook covering all essential topics in multi variable calculus including geometry in three dimensional space, partial derivatives, maximum

minimum multiple integrals and vector calculus as well as a chapter for ODE All the chapters are constructed in a logical way to outline the essence of each topic and to address potential difficulties arising from learning

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