

Introduction to Analysis



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出版者:Pearson

出版时间:2009-8-1

装帧:Hardcover

isbn:9780132296380

vickersa 11.9999 Normal 0 false false false This text prepares readers for fluency with analytic ideas, such as real and complex analysis, partial and ordinary differential equations, numerical analysis, fluid mechanics, and differential geometry. This book is designed to challenge advanced readers while encouraging and helping readers with weaker skills. Offering readability, practicality and flexibility, Wade presents fundamental theorems and ideas from a practical viewpoint, showing readers the motivation behind the mathematics and enabling them to construct their own proofs. ONE-DIMENSIONAL THEORY; The Real Number System; Sequences in \mathbb{R} ; Continuity on \mathbb{R} ; Differentiability on \mathbb{R} ; Integrability on \mathbb{R} ; Infinite Series of Real Numbers; Infinite Series of Functions; MULTIDIMENSIONAL THEORY; Euclidean Spaces; Convergence in \mathbb{R}^n ; Metric Spaces; Differentiability on \mathbb{R}^n ; Integration on \mathbb{R}^n ; Fundamental Theorems of Vector Calculus; Fourier Series For all readers interested in analysis.

作者介绍:

目录:

Introduction to Analysis_下载链接1

标签

数学

Mathematics

纯粹的分析教程

教科书

评论

Real Analysis的前导读物，通俗易懂

还能接受，但跟Baby Rudin确实差的太远..居然都不是从general matrix space开讲..

TA用的教材(并没有用) 肥肠不喜欢

过于简单

数学分析的入门书，比国内的好懂多了，硕士一年级的教材

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书评

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