



图书基本信息

书名:<<微积分>>

- 13位ISBN编号:9787811059878
- 10位ISBN编号:7811059878
- 出版时间:2009-10
- 出版时间:中南大学出版社
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- 页数:255

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前言

Advanced Mathematics-Calculus is the first university mathematics course, and also one of the most important courses for science and engineering students inuniversities. In order to help students improve their English level and the ability toroad English science references, and to make use of successful teaching experi-ences in Western countries, more and more universities in China have begun to usebilingual (generally Chinese and English) teaching method in classrooms. Withthe differences of course contents and teaching methods between China and West-ern countries, none seems to meet the teaching requirements set forth by the Minis-try of Education of China, although many good English language calculus textbooksare available. This book is intended to serve as a text for the bilingual teachingcourse in calculus that is usually taken by first-year students who study science and engineering students in China. The requirements of such students have influenced its content and presentation helped in many waysby the authors' long and continuous experience of teaching mathematical methods tovarious degree students in Central South University. It is divided into two volumes. The first volume contains Calculus of single variable and infinite series. The sec-ond volume consists of Calculus of multivariable with analysis geometrics and ordi-nary differential equations.





内容概要

This is a student textbook covering essential topics in calculus usually taughtin the early stages of science and engineering students in China. The requirements of such students have influenced its content and presentation helped in many waysby the authors long and continuous experience of teaching mathematical methods tovarious degree students in Central South University. It is divided into two volumes. The first volume contains Calculus of single variable and infinite series. The sec-ond volume consists of Calculus of multivariable with analysis geometrics and ordi-nary differential equations.



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