

Numerical Analysis



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This well-respected text gives an introduction to the modern approximation techniques and explains how, why, and when the techniques can be expected to work. The authors focus on building students' intuition to help them understand why the techniques presented work in general, and why, in some situations, they fail. With a wealth of examples and exercises, the text demonstrates the relevance of numerical analysis to a variety of disciplines and provides ample practice for students. The applications chosen demonstrate concisely how numerical methods can be, and often must be, applied in real-life situations. In this edition, the presentation has been fine-tuned to make the book even more useful to the instructor and more interesting to the reader. Overall, students gain a theoretical understanding of, and a firm basis for future study of, numerical analysis and scientific computing. A more applied text with a different menu of topics is the authors' highly regarded NUMERICAL METHODS, Third Edition.

作者介绍:

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标签

课本

数学

Mathematics

评论

下午上课在说样条差值，晚上小伙伴在说高斯牛顿，真是不得不让人联想起以前的这本课本啊，带领我们走近MATLAB，再也不会好好算积分了lol

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书评

书籍说明 数值分析课程使用教材 似乎需要读者有比较好的数学，特别是微积分基础才能对整本书的内容比较从容地学习 光盘提供了相关的代码，可以作为参考 但是amazon上有人质疑这些代码写的很烂，这恐怕是真的 amazon上对这本书的评价可以说是毁誉参半 详见：<http://www...>

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