

Numerical Analysis



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著者:J.Douglas Faires

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Beside providing a foundation in modern numerical-approximation techniques, Burden and Faires' well-respected Numerical Analysis, Sixth Edition, explains how, why, and when the techniques can be expected to work.

The authors use real-life problems from areas such as engineering, computer science, biology, and physics to show students how numerical methods are applied. more than 2,000 exercises are included, ranging from elementary applications of methods and algorithms to more rigorous generalizations and extensions of theory. Where appropriate, the text demonstrates how computer algebra systems can be of value in solving these problems.

As with earlier editions, this text is designed to give students the preparation they need to pass the Actuaries' examination in Numerical Methods. To that end, the edition includes many more exercises of the type often found on the exam.

作者介绍:

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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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