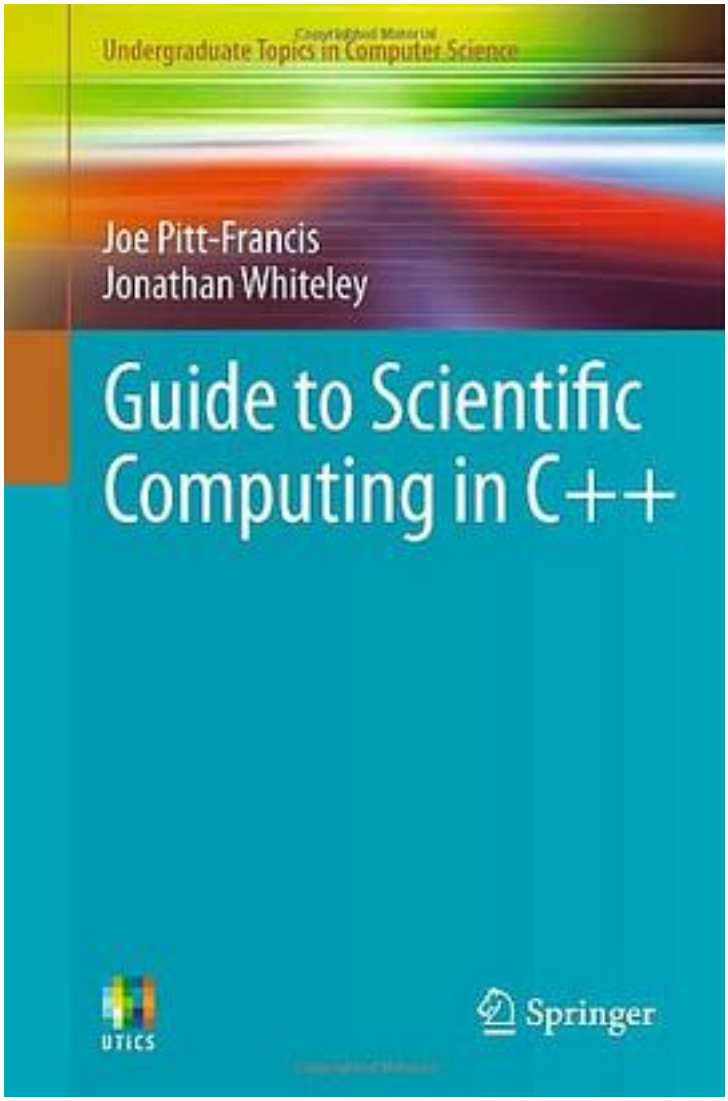
Guide to Scientific Computing in C++



Guide to Scientific Computing in C++_下载链接1_

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This easy-to-read textbook/reference presents an essential guide to object-oriented C++ programming for scientific computing. With a practical focus on learning by example, the theory is supported by numerous exercises. Features: provides a specific focus on the application of C++ to scientific computing, including parallel computing using MPI; stresses the importance of a clear programming style to minimize the introduction of errors into code; presents a practical introduction to procedural programming in C++, covering variables, flow of control, input and output, pointers, functions, and reference variables; exhibits the efficacy of classes, highlighting the main features of object-orientation; examines more advanced C++ features, such as templates and exceptions; supplies useful tips and examples throughout the text, together with chapter-ending exercises, and code available to download from Springer.

作者介绍:

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标签

C++

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评论

入门好书。很精练的介绍了怎么用C++来做linear algebra
和一些其他的科学运算。这是一本相当基础的书，介绍怎样在OOP中实现科学元算，而不是一本类似 numerical recipes 那样的算法手册。

西加加大法

简明

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书评

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