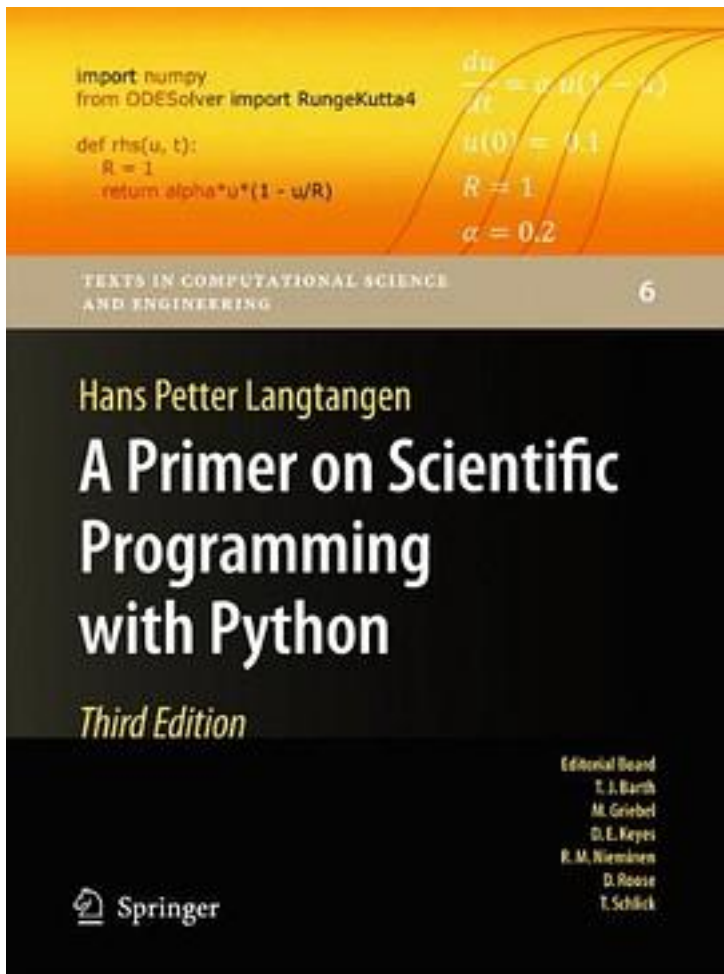


A Primer on Scientific Programming with Python



[A Primer on Scientific Programming with Python_ 下载链接1](#)

著者:Hans Petter Langtangen

出版者:Springer

出版时间:2012-7-4

装帧:Hardcover

isbn:9783642302923

The book serves as a first introduction to computer programming of scientific applications, using the high-level Python language. The exposition is example- and

problem-oriented, where the applications are taken from mathematics, numerical calculus, statistics, physics, biology, and finance. The book teaches "Matlab-style" and procedural programming as well as object-oriented programming. High school mathematics is a required background, and it is advantageous to study classical and numerical one-variable calculus in parallel with reading this book. Besides learning how to program computers, the reader will also learn how to solve mathematical problems, arising in various branches of science and engineering, with the aid of numerical methods and programming. By blending programming, mathematics and scientific applications, the book lays a solid foundation for practicing computational science.

作者介绍:

目录:

[A Primer on Scientific Programming with Python 下载链接1](#)

标签

python

Python

计算机科学

Scientific

数据分析

Springer

数学

2012

评论

[A Primer on Scientific Programming with Python_ 下载链接1](#)

书评

[A Primer on Scientific Programming with Python_ 下载链接1](#)