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Numerical Python. A Practical Techniques Approach for Industry. ISBN13: 978-1-484205-54-9. Author: Robert Johansson. Publisher: Apress. For more information, see the book's page on publisher's web site. Summary. Numerical Python by Robert Johansson shows you how to leverage the numerical and mathematical capabilities in Python, its standard library, and the extensive ecosystem of computationally oriented Python libraries, including popular packages such as NumPy, SciPy, SymPy, Matplotlib ...

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There is a nice section at the end on analysis and display of random graphs. 2
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Numerical Python: A Practical Techniques Approach for Industry

Numerical Python: A Practical Techniques Approach for Industry. Robert Johansson. This repository contains source code listings in the form of IPython notebooks for the book Numerical Python: A Practical Techniques Approach for Industry (ISBN 978-1-484205-54-9). For the official code listings download page, see <http://www.apress.com/9781484205549>.

GitHub - jrjohansson/numerical-python-book-code

This course offers an advanced introduction to numerical methods for solving linear ordinary and partial differential equations, with computational implementation in Python. Python is one of high-level programming languages that is gaining momentum in scientific computing.

Numerical Methods Using Python - Boston University

Python has a large community: people post and answer each other's questions about Python all the time. For numerical computing, Python can do everything Matlab can do; but free. Python is exploding in popularity and is used for teaching programming at the top schools. Python is used in industry; it can help you get a job.

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Python Programming and Numerical Methods: A Guide for Engineers and Scientists introduces programming tools and numerical methods to engineering and science students, with the goal of helping the students to develop good computational problem-solving techniques through the use of numerical methods and the Python programming language.

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Numerical Python | Springer for Research & Development

Program the numerical methods to create simple and efficient Python codes that output the numerical solutions at the required degree of accuracy. Create and manipulate arrays (vectors and matrices) by using NumPy. Use the plotting functions of matplotlib to present your results graphically.

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