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Numerical Methods For Scientific Engineering

Numerical Methods For Scientific And Engineering Computation_M. K. Jain, S. R. K. Iyengar And R. K. Jain

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Numerical Methods For Scientific And Engineering Computation. M.K. Jain. New Age International, 2003 - 844 pages. 9 Reviews Numerical Methods for Scientific and Engineering Computation Mahinder Kumar Jain, Rajendra K. Jain Snippet view - 1985. Common terms and phrases.

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Numerical methods - Course

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numerical methods for scientific and engineering computation

Prof. Jain is also a co-author of Numerical Methods for Scientific and Engineering Computation (New Age International Publishers). Satteluri R K Iyengar (MA, MTech, PhD) was a Professor of Mathematics at the Indian Institute of Technology, Delhi. He had also served as the Head of the Department of Mathematics, IIT, Delhi.

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Numerical Methods And Simulation Techniques For Scientists ...

Jain, M. K./Iyengar, S. R. K./Jain, R. K., Numerical Methods for Scientific and Engineering Computation. New Delhi etc., Wiley Eastern Ltd., 1985.

Jain, M. K./Iyengar, S. R. K./Jain, R. K., Numerical ...

There are many uses for numerical methods in engineering. However, these applications are not always conveyed to students. Perhaps the easiest to grasp at all levels is that real world data often comes in the form of discrete data points. These are a result of a measurement you took by hand, a sensor reading, etc., but this raw data doesn't typically contain all the information you wanted from the physical system.

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Provides an introduction to numerical methods for students in engineering. It uses Python 3, an easy-to-use, high-level programming language.

This book presents an exhaustive and in-depth exposition of the various numerical methods used in scientific and engineering computations. It emphasises the practical aspects of numerical computation and discusses various techniques in sufficient detail to enable their implementation in solving a wide range of problems. The main addition in the third edition is a new Chapter on Statistical Inferences. There is also some addition and editing in the next chapter on Approximations. With this addition 12 new programs have also been added.

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