

Publication Date:
available

Fields of Interest:
Numerical Analysis

Target Groups:
Graduate students,
researchers

Alfio M. Quarteroni, École Polytechnique Fédérale de Lausanne, Switzerland;
Riccardo Sacco, Politecnico di Milano, Milan, Italy; Fausto Saleri, Università di
Milano, Milan, Italy

Numerical Mathematics

- Extremely popular textbook on numerical analysis

The purpose of this book is to provide the mathematical foundations of numerical methods, to analyze their basic theoretical properties and to demonstrate their performances on examples and counterexamples. Within any specific class of problems, the most appropriate scientific computing algorithms are reviewed, their theoretical analyses are carried out and the expected results are verified using the MATLAB software environment. Each chapter contains examples, exercises and applications of the theory discussed to the solution of real-life problems. While addressed to senior undergraduates and graduates in engineering, mathematics, physics and computer sciences, this text is also valuable for researchers and users of scientific computing in a large variety of professional fields

2007 2nd ed. XVIII, 657 p. 135 illus. Hardcover
Texts in Applied Mathematics, Volume 37

► €59.95 | £ 46.00

ISBN-10: 3-540-34658-9
ISBN-13: 978-3-540-34658-6

Order Now!

Yes, please send me

___ copies Numerical Mathematics

ISBN-10: 3-540-34658-9 / ISBN-13: 978-3-540-34658-6 ► €59.95 | £ 46.00

☐ Please bill me

☐ Please charge my credit card:

☐ Eurocard/Access/Mastercard

☐ Visa/Barclaycard/Bank/Americard

☐ AmericanExpress

Number Valid until

Available from

Name

Dept.

Institution

Street

City / ZIP-Code

Country

Email

Date

Signature

All € and £ prices are net prices subject to local VAT, e.g. in Germany 7% VAT for books & journals and 16% VAT for electronic products.
All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted.



<http://www.springer.com/978-3-540-34658-6>

Numerical Mathematics

Quarteroni, A.; Sacco, R.; Saleri, F.

2007, XVIII, 657 p. 135 illus., Hardcover

ISBN: 978-3-540-34658-6