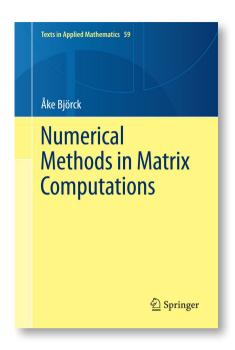


springer.com



2015, XVI, 800 p. 45 illus., 26 illus. in color.



Hardcover

- ► 79,99 € | £72.00 | \$99.00
- *85,59 € (D) | 87,99 € (A) | CHF 106.50



Available from your library or

► springer.com/shop



Printed eBook for just

- ► € | \$ 24.99
- springer.com/mycopy

Å. Björck

Numerical Methods in Matrix Computations

Series: Texts in Applied Mathematics, Vol. 59

- ► Treats many topics which are not found in standard textbooks
- ► Provides an in-depth treatment of least squares methods and related techniques
- Contains a historical overview which is useful in providing context to problems

Matrix algorithms are at the core of scientific computing and are indispensable tools in most applications in engineering. This book offers a comprehensive and up-to-date treatment of modern methods in matrix computation. It uses a unified approach to direct and iterative methods for linear systems, least squares and eigenvalue problems. A thorough analysis of the stability, accuracy, and complexity of the treated methods is given.

Numerical Methods in Matrix Computations is suitable for use in courses on scientific computing and applied technical areas at advanced undergraduate and graduate level. A large bibliography is provided, which includes both historical and review papers as well as recent research papers. This makes the book useful also as a reference and guide to further study and research work.

Åke Björck is a professor emeritus at the Department of Mathematics, Linköping University. He is a Fellow of the Society of Industrial and Applied Mathematics.



Order online at springer.com ► or for the Americas call (toll free) 1-800-SPRINGER ► or email us at: orders-ny@springer.com. ► For outside the Americas call +49 (0) 6221-345-4301 ► or email us at: orders-hd-individuals@springer.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with * include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with ** include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted.