

Springer

1st
edition1st ed. 2016, XIII, 366 p.
132 illus.**Printed book**

Softcover

Printed book

Softcover

ISBN 978-3-319-15427-5

\$ 74,99

Available

Discount group

Professional Books (2)

Product category

Undergraduate textbook

Series

La Matematica per il 3+2

Mathematics : Analysis

Baronti, M., De Mari, F., van der Putten, R., Venturi, I., Università di Genova, Genova, Italy

Calculus Problems

- Several step-by-step (and absolutely to-the-point!) tutorials help the reader to more quickly learn the material
- Offers solved problems that are similar to those assigned in actual tests
- Combines a self-contained approach with accessible solved problems

This book, intended as a practical working guide for calculus students, includes 450 exercises. It is designed for undergraduate students in Engineering, Mathematics, Physics, or any other field where rigorous calculus is needed, and will greatly benefit anyone seeking a problem-solving approach to calculus. Each chapter starts with a summary of the main definitions and results, which is followed by a selection of solved exercises accompanied by brief, illustrative comments. A selection of problems with indicated solutions rounds out each chapter. A final chapter explores problems that are not designed with a single issue in mind but instead call for the combination of a variety of techniques, rounding out the book's coverage. Though the book's primary focus is on functions of one real variable, basic ordinary differential equations (separation of variables, linear first order and constant coefficients ODEs) are also discussed. The material is taken from actual written tests that have been delivered at the Engineering School of the University of Genoa. Literally thousands of students have worked on these problems, ensuring their real-world applicability.

Order online at [springer.com/book sellers](https://www.springer.com/book sellers)**Springer Nature Customer Service Center LLC**

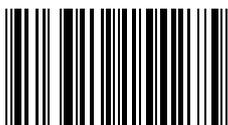
233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com

ISBN 978-3-319-15427-5 / BIC: PBK / SPRINGER NATURE: SCM12007

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**