



1st ed. 2018, XX, 336 p. 62 illus.

### Printed book

Hardcover

69,99 € | £59.99 | \$84.99

<sup>[1]</sup>74,89 € (D) | 76,99 € (A) | CHF

82,50

Softcover

69,99 € | £59.99 | \$84.99

<sup>[1]</sup>74,89 € (D) | 76,99 € (A) | CHF

82,50

### eBook

58,84 € | £47.99 | \$64.99

<sup>[2]</sup>58,84 € (D) | 58,84 € (A) | CHF

66,00

Available from your library or

[springer.com/shop](http://springer.com/shop)

### MyCopy <sup>[3]</sup>

Printed eBook for just

€ | \$ 24.99

[springer.com/mycopy](http://springer.com/mycopy)

Alexander I. Saichev, Wojbor Woyczynski

# Distributions in the Physical and Engineering Sciences, Volume 1

Distributional and Fractal Calculus, Integral Transforms and Wavelets

Series: Applied and Numerical Harmonic Analysis

- Illustrates how the theory of distributions can be applied to solve problems in the physical and engineering sciences
- Includes a robust selection of example problems that can arise in real-life industrial and scientific labs
- Will be a valuable resource for researchers and graduate students who would like more exposure to probabilistic methods

Distributions in the Physical and Engineering Sciences is a comprehensive exposition on analytic methods for solving science and engineering problems which is written from the unifying viewpoint of distribution theory and enriched with many modern topics which are important to practitioners and researchers. The goal of the book is to give the reader, specialist and non-specialist usable and modern mathematical tools in their research and analysis. This new text is intended for graduate students and researchers in applied mathematics, physical sciences and engineering. The careful explanations, accessible writing style, and many illustrations/examples also make it suitable for use as a self-study reference by anyone seeking greater understanding and proficiency in the problem solving methods presented. The book is ideal for a general scientific and engineering audience, yet it is mathematically precise. The present, softcover reprint is designed to make this classic textbook available to a wider audience.

Order online at [springer.com](http://springer.com) / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: [customerservice@springernature.com](mailto:customerservice@springernature.com). / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: [customerservice@springernature.com](mailto:customerservice@springernature.com).

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] 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. [3] No discount for MyCopy.

