## **Handbook of Fractional Calculus with Applications**

Vasily E. Tarasov (Ed.)

# VOLUME 5 APPLICATIONS IN PHYSICS, PART B



This multi-volume handbook is the most up-to-date and comprehensive reference work in the field of fractional calculus and its numerous applications. This fifth volume collects authoritative chapters covering several applications of fractional calculus in physics, including electrodynamics, statistical physics and physical kinetics, and quantum theory.

- ▶ A unique, comprehensive overview of fractional calculus and its applications
- ▶ With authoritative contributions from the world's leading experts
- ▶ Of interest to mathematicians, physicists, and engineers

Vasily E. Tarasov, Lomonosov Moscow State University, Russian Federation.

### De Gruyter Reference

viii, 319 pages, 74 Figures (bw), 52 Figures (c), 10 Schedule (bw)

# Hardcover:

RRP \*€ [D] 129.95 / \*US\$ 149.99 / \*GBP 118.00 ISBN 978-3-11-057089-2

#### eBook:

RRP \*€ [D] 129.95 / \*US\$ 149.99 / \*GBP 118.00 PDF ISBN 978-3-11-057172-1 EPUB ISBN 978-3-11-057099-1

**Date of Publication:** February 2019 **Language of Publication:** English

## Subjects:

Applied Mathematics Differential Equations and Dynamical Systems

Quantum Physics

Thermodynamics and Statistical Physics

**Of interest to:** Researchers and graduate students in mathematics, physics, and engineering.

\*Prices in US\$ apply to orders placed in the Americas only. Prices in GBP apply to orders placed in Great Britain only. Prices in € represent the retail prices valid in Germany (unless otherwise indicated). Prices are subject to change without notice. Prices do not include postage and handling if applicable. Free shipping for non-business customers when ordering books at De Gruyter Online. RRP: Recommended Retail Price.

Order now! orders@degruyter.com