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#### **About this Title**

This second revised and extended edition of the self-contained and unified approach to Bernstein functions and their subclasses brings together old and establishes new connections. Applications of Bernstein functions in different fields of mathematics (such as probability theory, potential theory, operator theory, integral equations, functional calculi, and complex analysis) are given, with special attention to interpretations in probability theory. An extensive list of complete Bernstein functions with their representations is provided.

#### **Subjects**

Mathematics > Analysis

Mathematics > Probability Theory and Statistics

## **Keywords**

Bernstein Functions; Complete Bernstein Functions; Completely Monotone

Function; Stieltjes Function/Transform; Laplace Transform

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