

New Springer book series

 Springer



# Theory and Applications of Computability

In cooperation with the association Computability in Europe

## Series Overview

Books published in this series will be of interest to the research community and graduate students, with a unique focus on issues of computability. The perspective of the series is multidisciplinary, recapturing the spirit of Turing by linking theoretical and real-world concerns from computer science, mathematics, biology, physics, and the philosophy of science.

The series includes research monographs, advanced and graduate texts, and books that offer an original and informative view of computability and computational paradigms.

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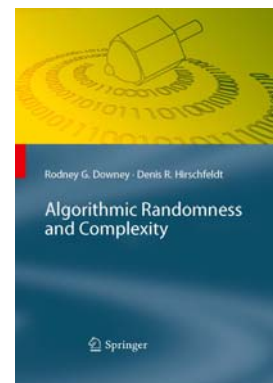
## Series Information

<http://www.springer.com/series/8819>

## First Book in Series

- Title: **Algorithmic Randomness and Complexity**
- Authors: Rodney G. Downey, Denis R. Hirschfeldt
- Notes: ISBN [978-0-387-95567-4](#), publication 08/10

This is the first comprehensive treatment of this important field, designed to be both a reference tool for experts and a guide for newcomers. It surveys a broad section of work in the area, and presents most of its major results and techniques in depth. It will be of interest to researchers and students in computability theory, algorithmic information theory, and theoretical computer science.



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