



2010, XVIII, 326 p. 49 illus.

### Printed book

Softcover

69,99 € | £59.99 | \$84.99

[1]74,89 € (D) | 76,99 € (A) | CHF

82,50

### eBook

58,84 € | £47.99 | \$64.99

[2]58,84 € (D) | 58,84 € (A) | CHF

66,00

Available from your library or  
[springer.com/shop](http://springer.com/shop)

### MyCopy [3]

Printed eBook for just

€ | \$ 24.99

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

Arnold L. Rosenberg

# The Pillars of Computation Theory

State, Encoding, Nondeterminism

Series: Universitext

- Large selection of exercises
- Presents a unique approach to computation theory

The abstract branch of theoretical computer science known as Computation Theory typically appears in undergraduate academic curricula in a form that obscures both the mathematical concepts that are central to the various components of the theory and the relevance of the theory to the typical student. This regrettable situation is due largely to the thematic tension among three main competing principles for organizing the material in the course. This book is motivated by the belief that a deep understanding of, and operational control over, the few "big" mathematical ideas that underlie Computation Theory is the best way to enable the typical student to assimilate the "big" ideas of Computation Theory into her daily computational life.

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.

