Springer

2nd edition

2nd ed. 2012, XXI, 822 p. 511 illus.

Printed book
Hardcover

Printed book
Hardcover
ISBN 978-1-4614-4698-9
£ 89,99 | CHF 118,00 | 99,99 € | 109,99 € (A) | 106,99 € (D)
Available

Discount group
Standard (0)

Product category
Graduate/advanced undergraduate textbook

Other renditions
Softcover
ISBN 978-1-4939-4472-9

Computer Science : Programming Languages, Compilers, Interpreters

Grune, D., van Reeuwijk, K., Bal, H.E., Jacobs, C.J.H., Langendoen, K.

Modern Compiler Design

- **Accessibility: everything is explained from basic principles without being simplistic**
- **Scope: compilation for all paradigms, imperative, object-oriented, functional, logic, and distributed/parallel**
- **Integrated and up-to-date treatment of lexical analysis, LALR and GLR parsing**
- **Legacy code: grammar recovery, disassembly, decompilation**
- **Embedded systems: code size reduction, code compression, power reduction**

"Modern Compiler Design" makes the topic of compiler design more accessible by focusing on principles and techniques of wide application. By carefully distinguishing between the essential (material that has a high chance of being useful) and the incidental (material that will be of benefit only in exceptional cases) much useful information was packed in this comprehensive volume. The student who has finished this book can expect to understand the workings of and add to a language processor for each of the modern paradigms, and be able to read the literature on how to proceed. The first provides a firm basis, the second potential for growth.

Order online at springer.com/booksellers
Springer Nature Customer Service Center GmbH
Customer Service
Tiergartenstrasse 15-17
69121 Heidelberg
Germany
T: +49 (0)6221 345-4301
row-booksellers@springernature.com

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add $5.00 for shipping one book and $ 1.00 for each additional book. Outside the US and Canada add $ 10.00 for first book, $5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

ISBN 978-1-4614-4698-9 / BIC: UMX / SPRINGER NATURE: SCI14037