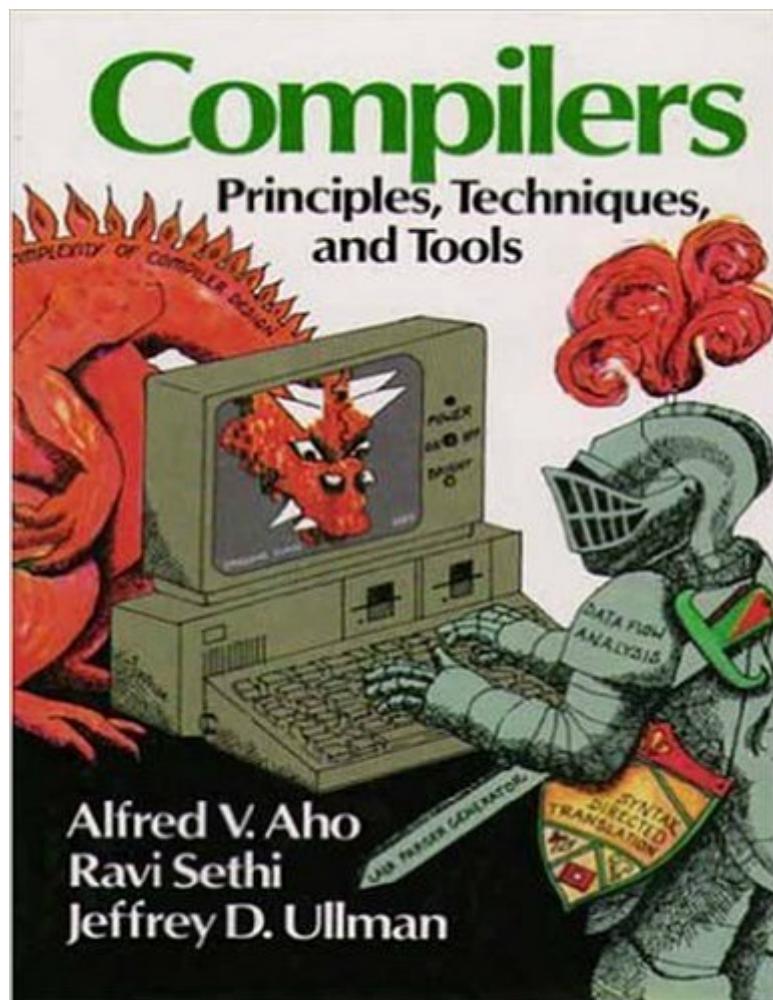


The book was found

Compilers: Principles, Techniques, And Tools



Synopsis

This introduction to compilers is the direct descendant of the well-known book by Aho and Ullman, *Principles of Compiler Design*. The authors present updated coverage of compilers based on research and techniques that have been developed in the field over the past few years. The book provides a thorough introduction to compiler design and covers topics such as context-free grammars, finite state machines, and syntax-directed translation. 0201100886B04062001

Book Information

Hardcover: 796 pages

Publisher: Addison Wesley; 1st edition (January 1, 1986)

Language: English

ISBN-10: 0201100886

ISBN-13: 978-0201100884

Product Dimensions: 6.8 x 1.4 x 9.4 inches

Shipping Weight: 2.6 pounds

Average Customer Review: 4.1 out of 5 starsÂ See all reviewsÂ (107 customer reviews)

Best Sellers Rank: #136,119 in Books (See Top 100 in Books) #8 inÂ Books > Computers & Technology > Programming > Languages & Tools > Compiler Design #12 inÂ Books > Computers & Technology > Programming > Languages & Tools > Compilers #15 inÂ Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > Computer Design

Customer Reviews

Once again, I want to point out the title of the book: "Principles, Techniques and Tools". I think there are two kinds of compilers books available today: "Principles and Theory centered" ones and "Modern Compilers design and implementation" ones. One might wonder what's the difference between the two. The former kind is more suited for a course on theoretical aspects that lay the foundation of compiler construction. DFAs, NFAs and Regular expression along with relations and equivalence between them; FSAs minimizations; grammars and Push-down FSAs in details, ambiguities and how to cope with them; and so on. This is what I mean for "theoretical aspects". And these topics are covered in great details in this book. Almost the same details they (the authors) placed on writing a more specific book as "Introduction to Automata Theory ...". Same situation applies to principles on more application-oriented topics. Take the example of LR parsing. You can face the topic from a more theoretical side, dealing with details on bottom up parsing (still, it implies an in-depth knowledge of grammars theory), handles and (viable) prefixes, SLR or

canonical LR or LALR parsers and techniques for the relative tables construction by hands (and for this, add a detailed and solid knowledge of Push-down FSAs along with grammars). By hands, at least, if principles are what matter in your course. If you expect to find these topics (with this depth) in a book of the other kind, you might get misled. As I did when I still had not clear this distinction, before I took the course. The latter kind of books is more suited for a more pragmatic course.

[Download to continue reading...](#)

Compilers: Principles, Techniques, and Tools
Compilers: Principles, Techniques, and Tools (2nd Edition)
Compilers: Principles and Practice Writing Compilers and Interpreters
Writing Compilers and Interpreters: A Software Engineering Approach
Algorithms, Languages, Automata, And
Compilers: A Practical Approach
High-Performance Compilers for Parallel Computing
Optimizing Compilers for Modern Architectures: A Dependence-based Approach
Hand Tools For
Woodworkers: Principles & Techniques
The Tools (Miniature Edition): 5 Tools to Help You Find
Courage, Creativity, and Willpower--and Inspire You to Live Life in Forward Motion
Wicca Altar and Tools: A Beginner's Guide to Wiccan Altars, Tools for Spellwork, and Casting the Circle
A Doctor's Tools (Community Helpers and Their Tools)
The Tools and Materials of the Watchmaker - A Guide to the Amateur Watchmaker's Toolkit - Including How to make your own Tools
Doctor's Tools (Professional Tools)
Social Media Free Tools: 2016 Edition - Social Media Marketing Tools to Turbocharge Your Brand for Free on Facebook, LinkedIn, Twitter, YouTube & Every Other Network
Known to Man
The Complete Works of Herbert Spencer: The Principles of Psychology, The Principles of Philosophy, First Principles and More (6 Books With Active Table of Contents)
Painting: Techniques for Beginners to Watercolor Painting, Painting Techniques and How to Paint (Painting,Oil Painting,Acrylic Painting,Water Color Painting,Painting Techniques Book 3)
His Forge Burns Hot for Mosaic
Damascus: Knife Patterns & Techniques: Damascus pattern making & techniques. Learn how to make mosaic Damascus patterns ... techniques for making Damascus patterns.
NLP: NLP TECHNIQUES: HYPNOTIC LANGUAGE PATTERNS to Easily Attract More Success (PLUS: FREE BONUS AUDIOBOOK) (NLP books, NLP sales, sales techniques, NLP techniques, NLP Book 4)
Learning: 25 Learning Techniques for Accelerated Learning - Learn Faster by 300%! (Learning, Memory Techniques, Accelerated Learning, Memory, E Learning, ... Learning Techniques, Exam Preparation)

[Dmca](#)