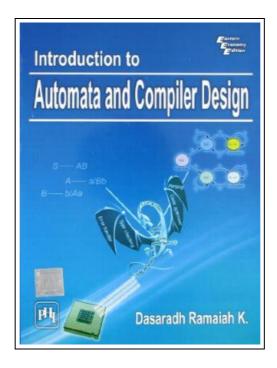
# Introduction to Automata and Compiler Design



Filesize: 9.53 MB

# Reviews

I just started off reading this article pdf. It is probably the most remarkable ebook we have go through. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Jeanette Kreiger)

# INTRODUCTION TO AUTOMATA AND COMPILER DESIGN



PHI Learning, 2011. Softcover. Book Condition: New. First edition. This comprehensive book provides the fundamental concepts of automata and compiler design. Beginning with the basics of automata and formal languages, the book discusses the concepts of regular set and regular expression, context-free grammar and pushdown automata in detail. Then, the book explains the various compiler writing principles and simultaneously discusses the logical phases of a compiler and the environment in which they do their job. It also elaborates the concepts of syntax analysis, bottom-up parsing, syntax-directed translation, semantic analysis, optimization, and storage organization. Finally, the text concludes with a discussion on the role of code generator and its basic issues such as instruction selection, register allocation, target programs and memory management. The book is primarily designed for one semester course in Automata and Compiler Design for undergraduate and postgraduate students of Computer Science and Information Technology. It will also be helpful to those preparing for competitive examinations like GATE, DRDO, PGCET, etc. Contents Preface? Acknowledgements 1. FINITE AUTOMATA 2. REGULAR SET AND REGULAR EXPRESSION 3. CONTEXT-FREE GRAMMAR 4. PUSHDOWN AUTOMATA 5. INTRODUCTION TO COMPILER 6. SYNTAX ANALYSIS 7. BOTTOM-UP PARSING 8. SYNTAX-DIRECTED TRANSLATION 9. SEMANTIC ANALYSIS 10. OPTIMIZATION 11. STORAGE ORGANIZATION 12. CODE GENERATION Quiz Bank Question Bank Model Question Papers Bibliography Index Printed Pages: 396.



Read Introduction to Automata and Compiler Design Online
Download PDF Introduction to Automata and Compiler Design

# **Related Books**



#### Growing Up: From Baby to Adult High Beginning Book with Online Access

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.

Read ePub »



Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

 $\label{lem:condition:New.254x178} Createspace, United States, 2013. Paperback. Book Condition: New. 254x178 \, mm. \, Language: English . \, Brand \, New \, Book ***** Print on \, Demand ******. ABOUT SMART READS for Kids . \, Love \, Art, \, Love \, Learning \, Welcome. \, Designed to...$ 

Read ePub »



Children's Educational Book Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

Read ePub »



# Read Write Inc. Phonics: Yellow Set 5 Storybook 7 Do We Have to Keep it?

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 211 x 101 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read...

Read ePub »



Childrens Educational Book Junior Vincent van Gogh A Kids Introduction to the Artist and his Paintings. Age 7 8 9 10 year-olds SMART READS for . - Expand Inspire Young Minds Volume 1

Read ePub »



Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback

Book Condition: Brand New. Book Condition: Brand New.

Save Book »



## Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years

Save Book »



## Trini Bee: You re Never to Small to Do Great Things

Createspace Independent Publishing Platform, United States, 2013. Paperback. Book Condition: New. 216 x 216 mm. Language: English. Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Children s Book: Trini Bee An Early Learning - Beginner

Save Book »



## Read Write Inc. Phonics: Blue Set 6 Non-Fiction 2 How to Make a Peach Treat

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 205 x 74 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books

Save Book »



Genuine the book spiritual growth of children picture books: let the children learn to say no the A Bofu (AboffM)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2012-02-01 Pages: 33 Publisher: Chemical Industry Press Welcome Our service and

Save Book: