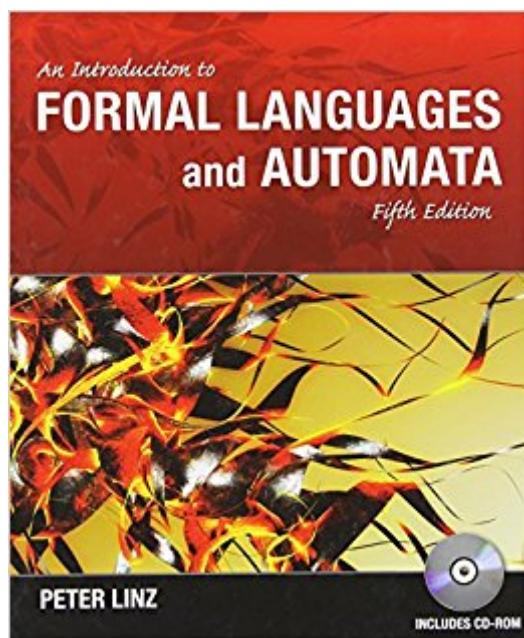The book was found

An Introduction To Formal Languages And Automata, 5th Edition

Synopsis

Written to address the fundamentals of formal languages, automata, and computability, An Introduction to Formal Languages and Automata provides an accessible, student-friendly presentation of all material essential to an introductory Theory of Computation course. It is designed to familiarize students with the foundations and principles of computer science and to strengthen the students' ability to carry out formal and rigorous mathematical arguments. In the new Fifth Edition, Peter Linz continues to offer a straightforward, uncomplicated treatment of formal languages and automata and avoids excessive mathematical detail so that students may focus on and understand the underlying principles. In an effort to further the accessibility and comprehension of the text, the author has added new illustrative examples and exercises throughout. There is a substantial amount of new material in the form of two new appendices, and a CD-ROM of JFLAP exercises authored by Susan Rodger of Duke University. The first appendix is an entire chapter on finite-state transducers. This optional chapter can be used to prepare students for further related study. The second appendix offers a brief introduction to JFLAP; an interactive software tool that is of great help in both learning the material and in teaching the course. Many of the exercises in the text require creating structures that are complicated and that have to be tested for correctness. JFLAP can greatly reduce studentsÃ¢â ¬â„¢ time spent on testing as well as help them visualize abstract concepts. The CD-ROM that accompanies every new printed copy expands this and offers exercises specific for JFLAP. (Please note, ebook version does not include the CD-ROM) Instructor Resources: -Instructor Manual -PowerPoint Lecture Outlines

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Customer Reviews

Not exactly the best book. That is why an in-class lecture is required. This book is somewhat odd.. how do I put it? It's very simple? It describes something very complex in very few words. It's not exactly a good self-study book. There aren't many examples either, which formal languages and automata needs to be able to convey the idea across the reader/studier. Automata isn't a complex subject at all if you learn the concepts correctly, BUT this book makes me think it's the most difficult thing in the world. I remember I stubbornly tried to read the same sentence over and over again thinking I could read behind the meaning, because I got so frustrated trying to understand the topic and refused to give up, but how do you find the meaning behind ONE sentence that tried to explain what a Turing machine is? Stupid book. I hate you.

This is the recommended book at my grad school but studying from it is incredibly difficult and easy to miss vital details. The only possible use for this book is to use the examples and exercises to practice for your mid-term and finals.You'd be a robot if you did that but do you really have a choice? If you do, then get another text book This book isn't student-friendly.

The textbook that I received is not the standard edition - it is still the 5th edition, but the cover looks different and it says "For sale in India, Pakistan, Bangladesh, Sri Lanka, Nepal, Bhutan and Myanmar only. Not for export elsewhere" so that seems fishy.This isn't the main problem though, the main problem is that the copy is missing some pages! I found that after page 122, it shows page 115 instead of 123. This sequence continues until we come back to page 122, and the next page is page 139! I am missing pages 123-138 and have a duplicate of pages 115-122. I have no idea why but this is very inconvenient, I am missing an entire section and a half.

The kindle version screwed up the Latex math formatting... In what is largely a CS math book. Complements render as minuses instead of overlines or bars. Fractions don't render at all! Who knows what else is wrong. Unsafe to use for homework!

Definitely a very weak book unless you like learning from doing problems and just hope you got the right answer. Even the answers in the back of the book usually only gives the solution for half of the problem. I would not recommend, of course you probably have no choice if this is the book for your

class. In that case I recommend you take with a very strong professor (as I did) or get a second book from another author to help.

This book is bad both as a computer science text and as a mathematics text. If the book is required for a course copy the problem sets and read a better book.

Sometimes it has excellent explanations but most of the time... It is just ok.

I could understand the explanations; all except the pumping lemma. Another professor had to explain it to me. Not that difficult of a concept, but this book sure tries to make it impossible to understand.

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