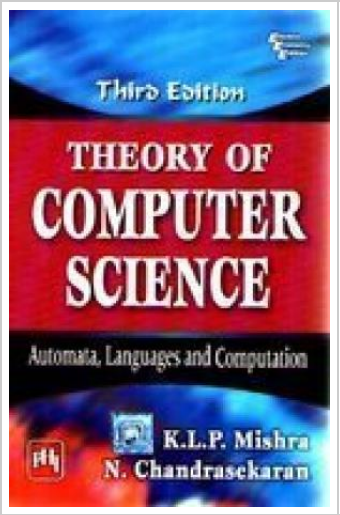

Theory of Computer Science: Automata, Languages and Computation, (Third Edition)

By K.L.P. Mishra,N. Chandrasekaran

PHI Learning, 2009. Softcover. Book Condition: New. 3rd edition. This Third Edition, in response to the enthusiastic reception given by academia and students to the previous edition, offers a cohesive presentation of all aspects of theoretical computer science, namely automata, formal languages, computability, and complexity. Besides, it includes coverage of mathematical preliminaries. NEW TO THIS EDITION ? Expanded sections on pigeonhole principle and the principle of induction (both in Chapter 2) ? A rigorous proof of Kleene?s theorem (Chapter 5) ? Major changes in the chapter on Turing machines (TMs) ? A new section on high-level description of TMs ? Techniques for the construction of TMs ? Multitape TM and nondeterministic TM ? A new chapter (Chapter 10) on decidability and recursively enumerable languages ? A new chapter (Chapter 12) on complexity theory and NP-complete problems ? A section on quantum computation in Chapter 12. ? KEY FEATURES ? Objective-type questions in each chapter?with answers provided at the end of the book. ? Eighty-three additional solved examples?added as Supplementary Examples in each chapter. ? Detailed solutions at the end of the book to chapter-end exercises. The book is designed to meet the needs of the undergraduate and postgraduate students of...

Reviews

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A top quality pdf and also the font applied was fascinating to learn. it was actually writtern extremely properly and valuable. I discovered this publication from my i and dad recommended this publication to find out.

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