Theory of Automata and Formal Languages

Author :	A.P. Shukla
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Product Description

This book, which has been well received and appreciated by the students of computer science in various institutes across the country, has been revised and fully updated. Designed specifically for undergraduates and postgraduates new to the subject, this text offers a clear, authoritative and comprehensive introduction to the subject. The text opens with an excellent overview of the key theories and perspectives of theory of automata and formal languages-placing the subject in a winder context-and continues with detailed treatments of all key topics.

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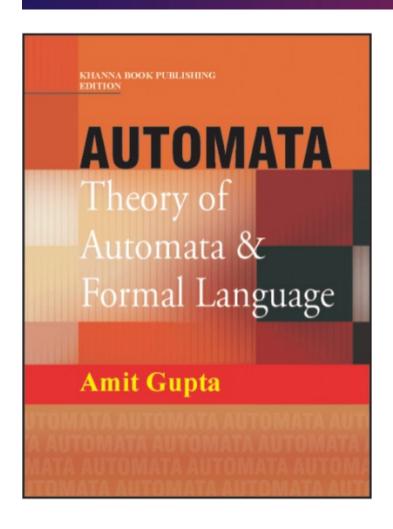**A.P. Shukla** A.P. Shukla is Associate Professor, Department of Computer Science & Engineering, Krishna Institute of Engineering & Technology (KIET), Ghaziabad, Uttar Pradesh. With a B.E. and M. Tech degree in Computer Science & Engineering and Ph. D. (Pursuing) in Computer Science & Engineering (IIT, Delhi) he has over a decade of experience in research and teaching. He has published several research papers as well as guided students. He has received several honors, served as member of many professional bodies, organized seminars and been a well known author. </p

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Product Description

Easy-to-read & write style. A step-by-step solution of DEA & NFA approach that is used in almost all DFA & NFA approach that is used in almost all DFA & NFA examples in chapter 03 (Finite State Machine). Every chapter is supported with multiple choice questions, theoretical questions and numerical for better practice. Due care in taken to balance the mix of notations and words in mathematical statements. The book is presented with an approach to explain the concepts in lucid style and comprehensible language. A large number of attractive and accurate figure and graphs have been drawn which enable students to grasp the subject in an easy way. Systematic and sequential arrangement of different topics. Rich pedagogy.

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