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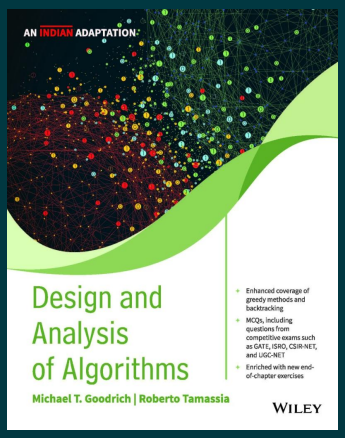

Design and Analysis of Algorithms (An Indian Adaptation)

By Michael T. Goodrich , Roberto Tamassia

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Description

Design and Analysis of Algorithms offers an exhaustive coverage of the design and analysis of algorithms and data structures. Integrating application with theory, the book presents algorithmic topics in a context that is motivated from applications to uses in society, computer games, computing industry, science, engineering, and the Internet. Beginning with the basic framework and tools needed to analyze algorithms, the book then presents fundamental data structures, such as stacks, queues, lists, and advanced data structures such as trees, search trees, priority queues, heaps, hash tables, union-find structures, and graphs.

About the Author

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Michael T. Goodrich is a Chancellor’s Professor in the Department of Computer Science at University of California, Irvine. Previously, he was a professor at Johns Hopkins University. His research interests include analysis, design, and implementation of algorithms, data security, cloud computing, graph drawing, and computational geometry. He is a Fulbright scholar and a fellow of the American Association for the Advancement of Science (AAAS), Association for Computing Machinery (ACM)

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