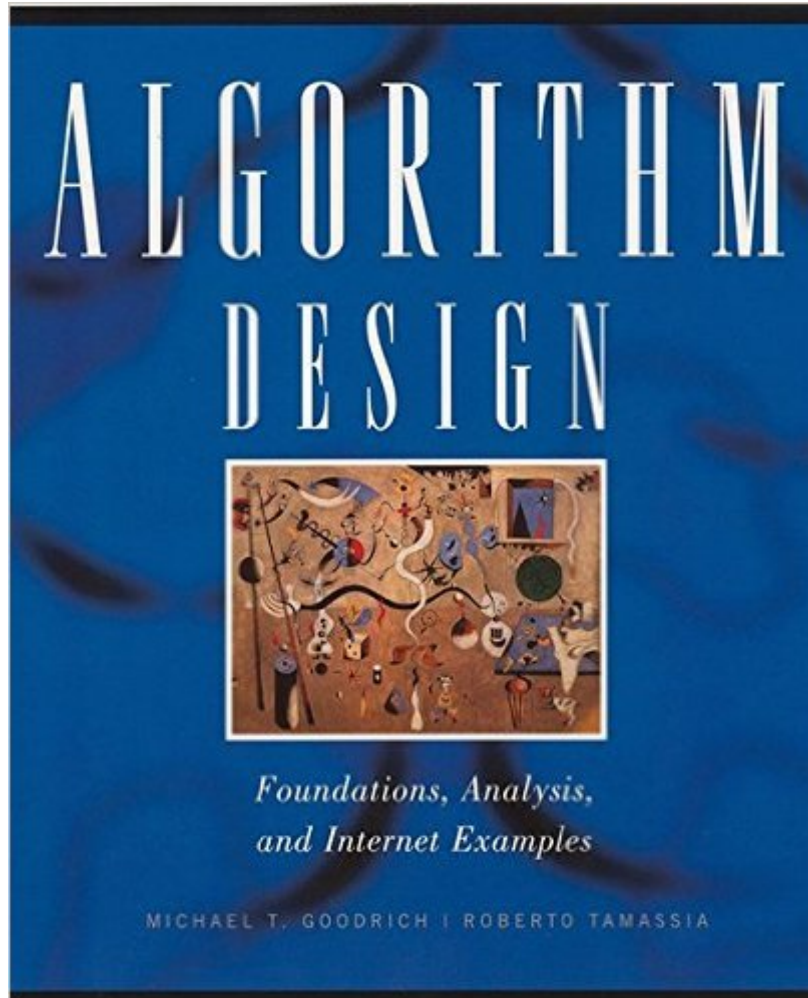


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# Algorithm Design: Foundations, Analysis, And Internet Examples



## Synopsis

Michael Goodrich and Roberto Tamassia, authors of the successful, Data Structures and Algorithms in Java, 2/e, have written Algorithm Engineering, a text designed to provide a comprehensive introduction to the design, implementation and analysis of computer algorithms and data structures from a modern perspective. This book offers theoretical analysis techniques as well as algorithmic design patterns and experimental methods for the engineering of algorithms. Market: Computer Scientists; Programmers.

## Book Information

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## Customer Reviews

Though I am a member of for years, and purchased many books, this is my first review about a book. It`s 2 am, and I am trying to understand the book`s questions, as a PhD student for hours. I took algorithms course before when I was getting my MS in a different university, where we were using Cormen & Leiserson`s book, I was liking this course and having no problems, I also watched all the MIT OCW`s lectures from Leiserson and the other young professor, and I can say I was totally comfortable with subjects. Algorithm was a course I was liking till I came across with that book. However, this book became my nightmare with its ambiguities, poorly written sentences, ambiguous questions. I asked TA about some questions, and for every and every question I asked, she said `oh yes, this was not clear for other students too, so we thought this may be ...` And the hard part about questions are understanding the question, not solving it. This incidence happened in a 2nd tier(top 30) US university, in a graduate course. What can I say? What is the reason and

justification to write such a book? I think, during my life I used over 40 textbooks, this one without doubt is in top 3 in worst text book lists (with Mark Weiss's Data Structures, and Sedra & Smith's microelectronics). I am giving two stars because they made at least a website, though I can't say it's very helpful, they continue to be ambiguous even in the hints they say. The book is so dull that, by just inspecting the introduction which tells Archimedes's history (which became a cliché even in high school books and irrelevant to the introduction and algorithms in general) you can see this.

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