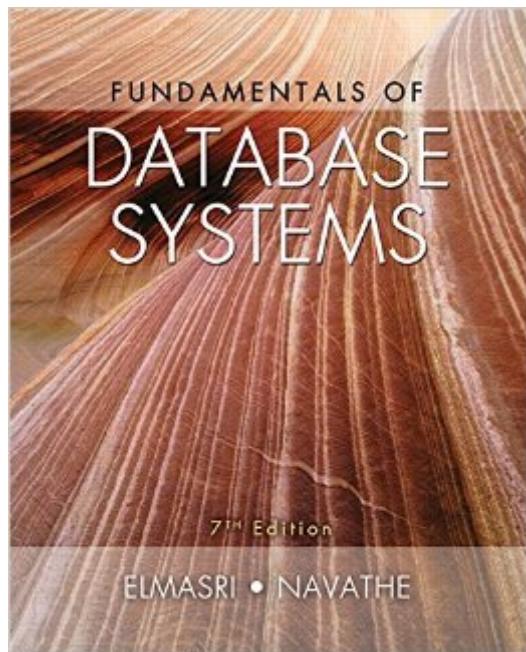


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# Fundamentals Of Database Systems (7th Edition)



## **Synopsis**

For database systems courses in Computer Science Â This book introduces the fundamental concepts necessary for designing, using, and implementing database systems and database applications. Our presentation stresses the fundamentals of database modeling and design, the languages and models provided by the database management systems, and database system implementation techniques. The book is meant to be used as a textbook for a one- or two-semester course in database systems at the junior, senior, or graduate level, and as a reference book. The goal is to provide an in-depth and up-to-date presentation of the most important aspects of database systems and applications, and related technologies. It is assumed that readers are familiar with elementary programming and data-structuring concepts and that they have had some exposure to the basics of computer organization.

## **Book Information**

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## **Customer Reviews**

I simply love this book. I agree however that it is VERY theoretical, VERY abstract at times, and VERY mathematical. If you want a great book on general database theory, This is for you. I would have loved to see some more diagrams on the relational algebra chapters though. For the following section, please bear in mind that i am not expert in the DBA field. I'm a AP graduate, who loves database technology. Who would i suggest this book to?\* Grad students wanting a reference on general database theory.\* Developers looking to develop DBMSs.\* Autodidacts who already know how to access Databases from Java or C#, wanting to learn more.\* Professionals wanting to delve

into what is under the hood of Database systems.\* DBAs and would be DBAs. Who would i not suggest this book to?\* First semester CS and AP in commuter science students.\* Autodidacts who are looking for their first book on databases.\* People looking for an in depth book on a specific DBMS. For instance if you are learning MS SQL then inside MS SQL server 20xx would be a better choice.

The title of this book suggests that it is merely the basics; don't be fooled. This book goes far beyond the fundamentals. It is over 1,000 pages of "stuff". It is used for graduate school classes in database design. I won't bore the reader with complex theories and jargon. In short, don't buy this book unless it is required for a school course. This book will only be of use if you are attending graduate school or in search of a PhD. If you are looking to understand how to build tables, define the relationship between tables, how to load data into a database, how to query the database of information, and simply desire a good foundation is the true "fundamentals" of database design then I recommend "The Practical SQL Handbook" by Judith Bowman and it's companion "Practical SQL the Sequel". These books will provide a better and more thorough understanding of the application of database design in terms you can understand and it leaves out the theoretical, discrete math, set theory "stuff".

I had to have this textbook for a Database Design course and I found the book to be horrible. Not in the sense of incorrect grammar but as a source of educating and being able to refer to as a learning tool. I found the text to be very hard to read taking me about as twice as long to read each chapter as compared to most technical textbooks that I have had in the past. Chapters seem to just start talking about one thing, then moves onto another thing, and then returns back to the original topic. But to sum it all up, I would only recommend this textbook towards enemy's as a punishment because it made my life pretty much hell throughout this course. I would expect a little better quality for \$150.00.

Using it for a graduate course at the author's author school. The author frequently references diagrams from previous chapters and occasionally future chapters. Really obvious in the Kindle version. Some text is a reading of a mathematical formula not shown, not an explanation for added understanding. Still has errors after the 7th edition. Too expensive, even the ebook, for a book that will soon attempt to obsolesce itself. There are too many editions and theory does not change that quickly. It's attempting to be a timeless comprehensive reference like CLRS or Russel & Norvig but

it's got a ways to go.

useless text. just go to youtube and find a db course and you'll learn more.

Dry, obsolete, useless, just theory, not professional, expensive, shows in 1241 pages that the authors never stepped out of a university ... get real, get a job!

The book came with blue spots on the cover, although it was published this year.

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