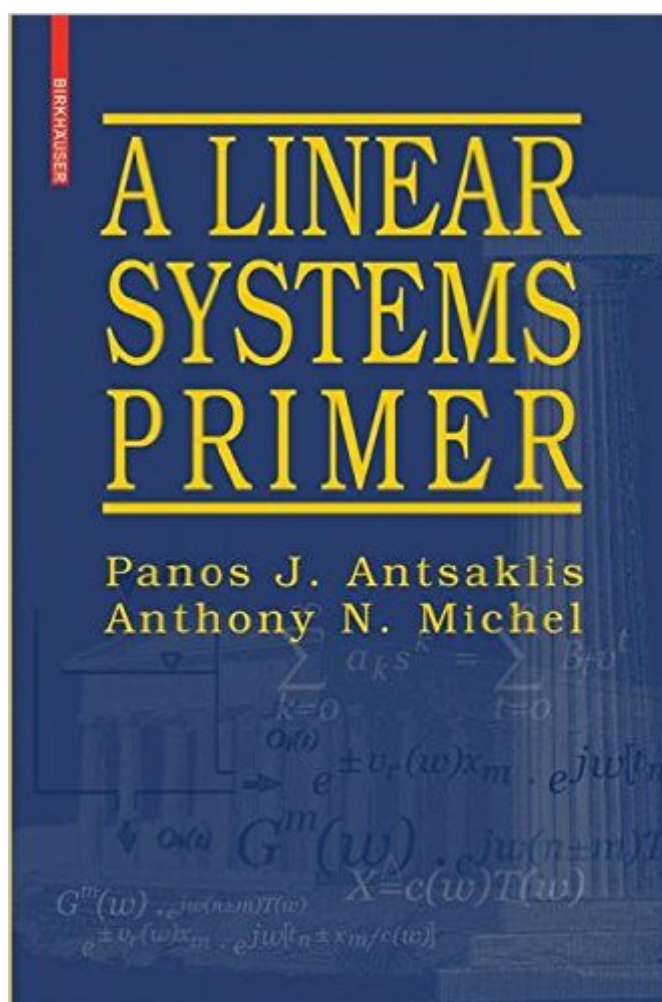


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A Linear Systems Primer



Synopsis

Based on a streamlined presentation of the authors'™ successful work Linear Systems, this textbook provides an introduction to systems theory with an emphasis on control. Initial chapters present necessary mathematical background material for a fundamental understanding of the dynamical behavior of systems. Each chapter includes helpful chapter descriptions and guidelines for the reader, as well as summaries, notes, references, and exercises at the end. The emphasis throughout is on time-invariant systems, both continuous- and discrete-time.

Book Information

Paperback: 517 pages

Publisher: Birkh f user; 2007 edition (June 2, 2010)

Language: English

ISBN-10: 0817644601

ISBN-13: 978-0817644604

Product Dimensions: 6.1 x 1.2 x 9.2 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

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Customer Reviews

Linear Systems Primer serves as a very good reference at the graduate and/or professional level. The mathematics are very thorough (proofs included) in regards to linear time-invariant systems. However, I would not recommend this book as your source for explanations of the concepts or physical meaning lying behind all the math. In engineering, one often encounters what I consider as "engineering" books and "math" books. For me, this one falls under the category of math book. If you can understand concepts through other means, this book can serve as a good reference.

This is an effective text book, but you should really go through it in a class. It is very technical and would be hard to understand if you want to teach yourself or use as a reference with no background.

I used this book for graduate course on linear systems theory. The book covers all important parts of linear systems theory. All the parts are very good explained. I think the style of the book is friendly to newcomers and certainly is suitable for graduate students. Every chapter contains a lot of examples that always help understanding the theory. I really liked studying with this book and I still use it as a reference.

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