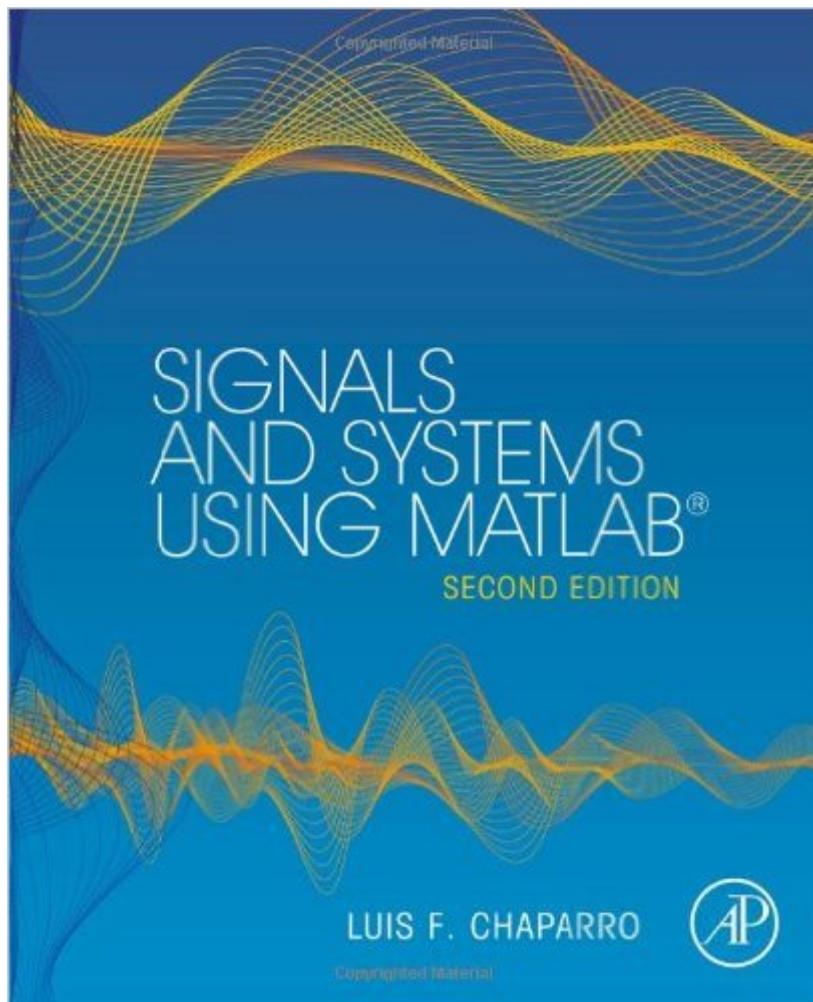


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# Signals And Systems Using MATLAB, Second Edition



## Synopsis

This new textbook in signals and systems provides a pedagogically rich approach to what can commonly be a mathematically dry subject. With features like historical notes, highlighted common mistakes, and applications in controls, communications, and signal processing, Chaparro helps students appreciate the usefulness of the techniques described in the book. Each chapter contains a section with MatLab applications. Pedagogically rich introduction to signals and systems using historical notes, pointing out "common mistakes", and relating concepts to realistic examples throughout to motivate learning the material. Introduces both continuous and discrete systems early, then studies each (separately) in more depth later. Extensive set of worked examples and homework assignments, with applications to controls, communications, and signal processing throughout. Provides review of all the background math necessary to study the subject. MatLab applications in every chapter.

## Book Information

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## Customer Reviews

As a signal processing researcher and an instructor, I can confidently recommend this book for engineers who are interested in learning and reviewing the basic principles of signals and systems. Whether you are a biomedical engineer or mechanical or electrical, this text will help you to develop confidence and proficiency in the material. This second edition has many more great examples included; analytic examples and software examples using MATLAB. Especially electrical engineering students are going to love chapter 6 and 7 with their beautiful applications. I really enjoy

author's unique style and clarity. Also his clever computational tricks throughout the book assists you to become more mathematically sophisticated. I am very happy to own this new edition and I can not wait to use it as a textbook for my own class.

The book is in a very good condition. Thank you

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