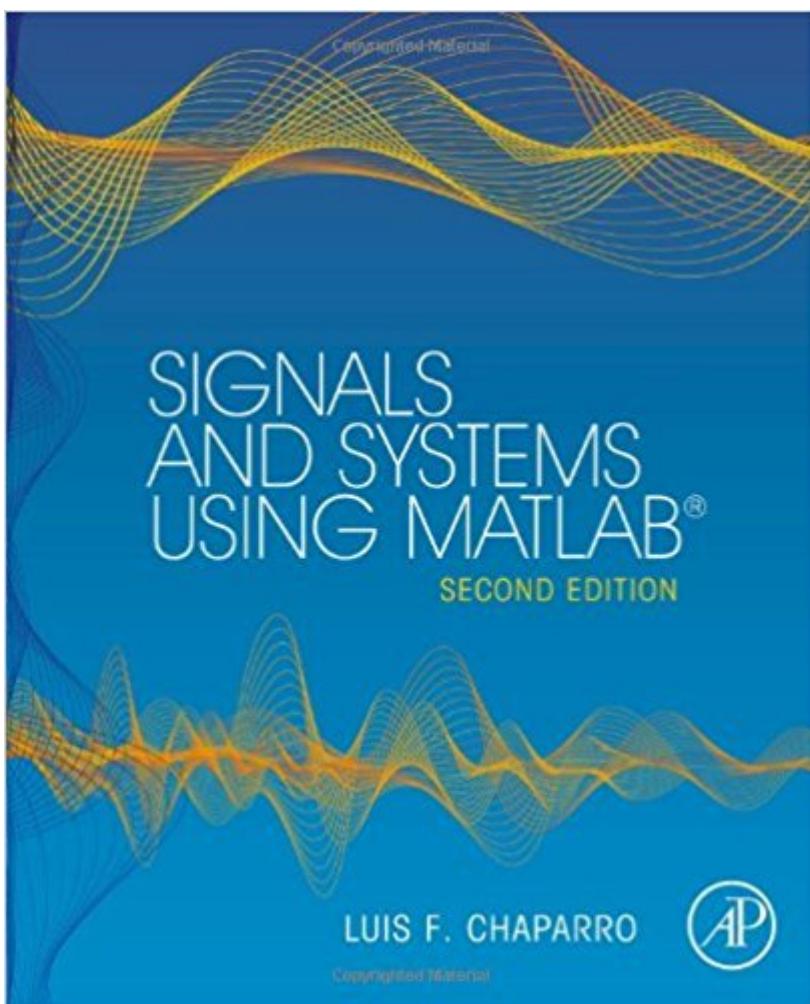


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# Signals And Systems Using MATLAB, Second Edition (Signals And Systems Using MATLAB W/ Online Testing)



## 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

Dr. Chaparro's research interests include statistical signal processing, time-frequency analysis, nonlinear image processing and multidimensional system theory. He is a senior Member of IEEE, Associate Editor of the Journal of the Franklin Institute, past Associate Editor of the IEEE Transaction on Signal Processing and member of the IEEE Technical Committee on Statistical

## Signal and Array Processing

This book is very good. It is well organized, has many examples and is well written. The kindle edition should be improved.

The book is in a very good condition. Thank you

Item was exactly as described and received very fast.

As a signal processing researcher and an instructor, I can confidently recommend these book for engineers who are interested in learning and reviewing the basic principles of signals and systems. Whether you are 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.

Yes, I LOVE getting screwed by textbook companies. 5/5 5/7 10/10..... Item came in just fine and in good packing. Good buy.

This book manages to be very long while doing a terrible job explaining signals and systems. If you needed to learn the material, it would be impossible using this book alone. Would not recommend if you have a choice.

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