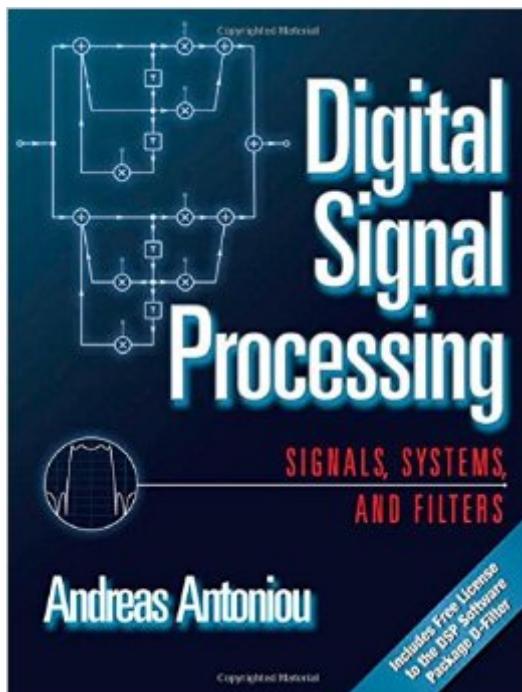


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Digital Signal Processing: Signals, Systems, And Filters



Synopsis

An up-to-the-minute textbook for junior/senior level signal processing courses and senior/graduate level digital filter design courses, this text is supported by a DSP software package known as D-Filter which would enable students to interactively learn the fundamentals of DSP and digital-filter design. The book includes a free license to D-Filter which will enable the owner of the book to download and install the most recent version of the software as well as future updates.

Book Information

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Customer Reviews

Well written with good explanations and examples. Good for reference. Why only 3 stars? Not even a partial answer key for the example problems. Since I buy books for self-study having answers is important to me. Any book, no matter how good, will not get more than 3 stars from me if there is no answer key. The purpose of books is to learn not to frustrate. I know instructors like this because it gives them a source of homework and test questions. Any teacher who cannot design their own test questions should find another line of work.

I have read the first four chapters, and it is sometimes tedious to follow with the summations after summations after fourier after fourier so that is why i didnt give this 5 stars, the authors clearly know what they are talking about. But since ive already been taught The first four chapters in multiple other texts, its less of a boon.

So far this book presents the material in a very clear fashion, most definitely geared for the engineering side of things, as the Fourier Transform is presented as originating from its close friends the Fourier Series and not distribution theory, where the FS is derived from the Fourier Transform. It is a great book for senior level work, not at the level of Openheim and Shaffer, but it provides a very clear and intuitive introduction to the topic. I will modify my review as I plow through it in preparation for the godfathers of signal processing.....

A very useful reference book. It has ton of information in the DSP field

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