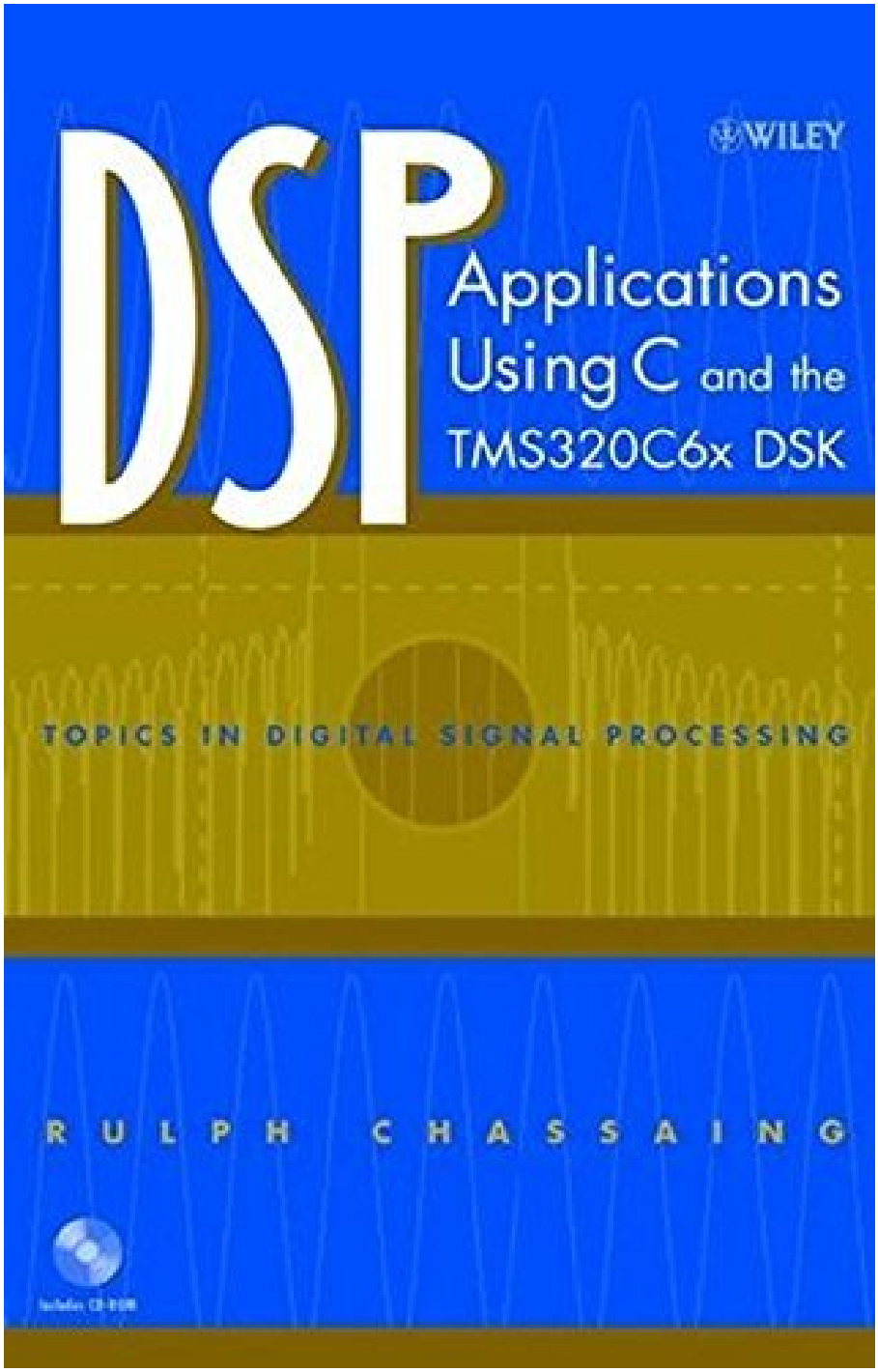
DSP APPLICATIONS USING C AND THE TMS320C6X DSK (TOPICS IN DIGITAL SIGNAL PROCESSING) BY RULPH CHASSAING



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Review

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From the Back Cover

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About the Author

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- The TMS320C6x is Texas Instrument's next generation DSP found in over 60 percent of wireless devices from leading manufacturers such as Ericsson, Nokia, Sony, and Handspring
- Author has many years experience working with the TI line of TMS DSPs and his books are based on courses and seminars given at TI sponsored meetings
- All programs listed in the text will be available on the Wiley FTP site
- In addition to its wireless applications, the TMS DSP is tailored to enable a new generation of Internet media entertainment appliances

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Most helpful customer reviews

13 of 13 people found the following review helpful.
Comments by author
By rulph chassaing
I am the author of this book and wanted to respond to the comments by the reader from NH. This book is not about the C6x DSK. Rather, as the title implies, it is on "DSP Applications". The book is "using C and the TMS320C6x DSK" to discuss various applications of DSP, using dozens of illustrative examples with the C6x DSK. Furthermore, the book is not meant to be primarily on the theoretical aspects of DSP. There are many fine texts on theoretical DSP. Again, as stated in the title, the intent of the book is to emphasize the applications of DSP using the C6x DSK as a medium to illustrate. I hope this helps any future readers considering my book.

7 of 8 people found the following review helpful.
A good applications book
By Shawn
As an engineer with digital design experience but little DSP application experience, I found this book to be very helpful in understanding and applying everyday DSP algorithms. The book is basically a digest containing many C coded examples of realtime DSP designs including filters, tone generators, FFTs and other common DSP routines. They are easy to implement (all scipts are included on the accompanied CD) and are also fun to play with.
Assuming you have the TMS320C6711 DSK with code composer studio(I got mine on ebay for $100), you will be realizing the designs within minutes after first opening the text.
This book is not a first course in DSP. It helps to know a little about the theory (signals and systems and/or a dsp course) before diving into this text.
In conclusion, if you know a little about DSP but have no experience in applying it, I highly recommend this text.

3 of 3 people found the following review helpful.
The point of view of a DSP Lab instructor
By Gustavo Acosta
A very good book, easy to read and directed towards DSP Lab work
it allows you to advances quickly in know how relative to C6000 architecture and TI DSP applications . It is a DSP technology tour that together with well designed experiments give students a high level of understanding in potential applictions in related aeas(Bioengineering, Telecommunications etc.).

I strongly recommend this book for professionals and students that begin to study DSP technology.

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