



First Course in Digital Signal Processing Using DADiSP

By Allen Brown, Zhang Jun

Arima Publishing, United Kingdom, 2011. Paperback. Book Condition: New. 208 x 150 mm. Language: English . Brand New Book ***** Print on Demand *****.Gaining a good understanding of Digital Signal Processing (DSP) can be a very rewarding experience and this book will provide you with a very accessible entry into this fascinating field of engineering. The progress of your learning will be greatly enhanced by the use of the software program DADiSP which is a very effective means for simulating DSP processes. A free student version of DADiSP is available and as you progress through this book you can confirm the results of each simulation on your own PC or laptop. This will enhance the rate of your understanding of DSP and it also enables you to gain proficiency in using DADiSP for problem solving. The material covered is not only relevant to electronic engineering students but also mechanical engineering students. The topics covered range from the nature of signals, through digital filters to spectral analysis including the Fast Fourier Transform (FFT). All you need to gain a fundamental understanding of DSP is contained within this book.



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