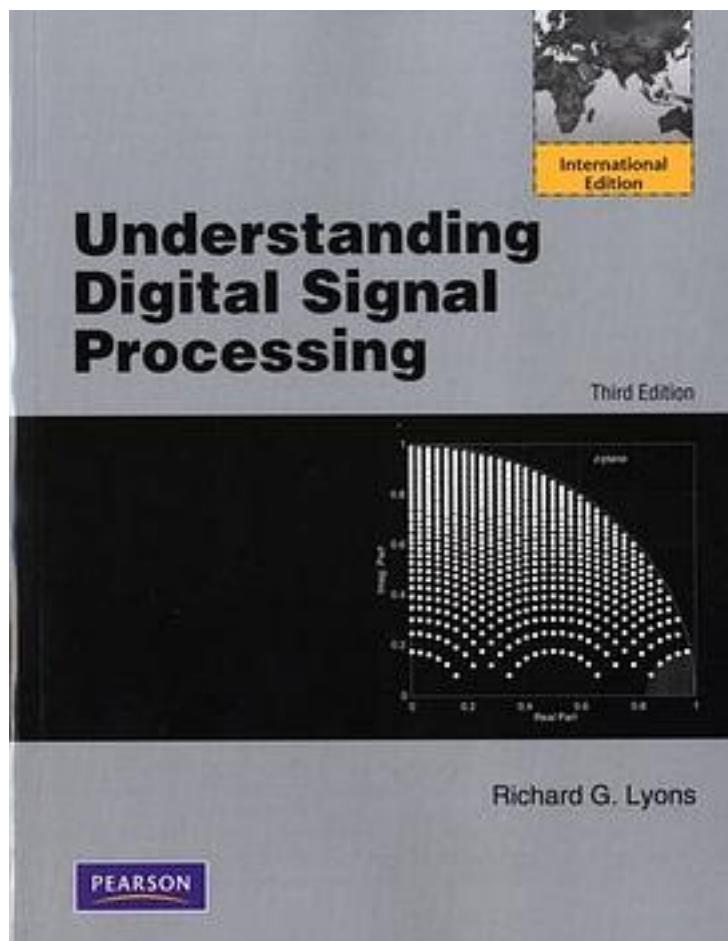


# Understanding Digital Signal Processing



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The effects of DSP has entered every phase of our lives, from singing greeting cards to CD players and cell phones to medical x-ray analysis. Without DSP, there would be no Internet. In recent years, every aspect of engineering and science has been influenced

by DSP because of the ubiquitous desktop computer and readily available signal processing software. This book provides engineers and scientists, who are relative beginners to DSP, their best opportunity to learn the basic mathematical and practical-engineering aspects of the burgeoning field of DSP. The book strikes the right balance of mathematical level, and practical engineering guidance, making it accessible to the beginner without dumbing down the topic of DSP. This edition of Understanding Digital Signal Processing will continue bridging the gap between DSP theory and practice. The presentation of additional quadrature processing material makes the book more relevant, and useful, to DSP practitioners in the burgeoning fields of digital communications and wireless networking systems. The new digital filtering material covers modern filter design techniques not covered in our competitor's books. Finally, the popular 'Digital Signal Processing Tricks' material will be expanded to further aid working DSP engineers solve their day-to-day signal processing problems as they design and build commercial products and aerospace systems.

作者介绍:

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书评

作者为了降低难度，去掉了许多必要的公式，取而代之的是用叙述的方法配合大量的图

表来说明问题。

个人感觉这种做法有点欠妥，公式是对问题精确地反应，还是得有大量公式才行，关键是对公式要有很好的解释，让人看了以后才能明白。

感觉这本书需要与一本“学院派”的书籍相互...

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