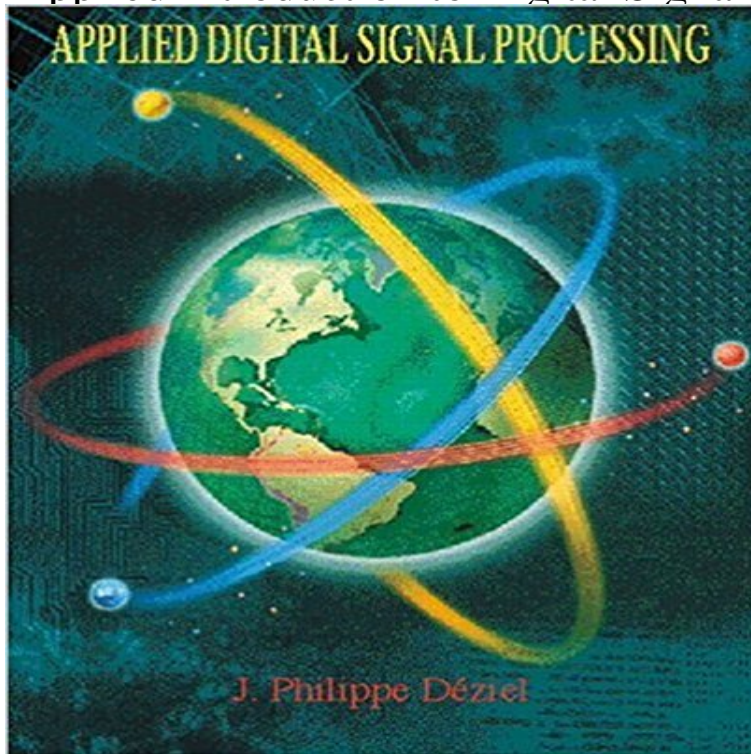


Applied Introduction to Digital Signal Processing



This book explores the Digital System Processing revolution that has drastically changed the way electronic circuits are designed, and created new possibilities deemed impossible using conventional analog circuitry. While avoiding most complicated math and calculus, it explains the magic that makes the necessities of life work such as CD players, cellular telephones, music synthesizers, and high-speed modems, just to name a few. Chapter topics include the digital processing environment, building the signals, processing binary numbers, processing signals, spectral analysis, and implementing DSP systems. For engineers, who understand the basics of passive circuits and have exposure to the programming of microprocessors, looking for a high-tech tool to face the technical challenges of today's designs.

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