

Practical Digital Signal Processing Using Microcontrollers

Dogan Ibrahim

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Description. Modern coverage of the fundamentals, implementation and applications of digital signal processing techniques from a practical point of view This successful textbook covers most aspects of DSP found in undergraduate electrical, electronic or communications engineering courses.

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My research interests are in digital signal processing, sparsity in signal processing, and wavelet-based signal/image/video processing. My recent research focuses on using sparse signal representations and approximations to develop new methods for

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