



# Digital Techniques for Wideband Receivers (Electromagnetics and Radar)

By James Tsui, Chi-Hao Cheng

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*Digital Techniques for Wideband Receivers* is widely recognized as the definitive design guide on digital processing work with today's complex receiver systems. This third edition brings readers up-to-date with the latest information on wideband electronic warfare receivers, and includes new chapters on the detection of FM and BPSK radar signals, analog-to-information, time-reversal filter, monobit receivers with improved instantaneous dynamic range and it offers insights on building electronic warfare receivers. From fundamental concepts and procedures, to recent technology advances in digital receivers, readers get practical solutions to important wideband receiver problems.

This book has been updated with many of the latest concepts to help users design receivers that are relevant for today's electronic warfare systems. It will be an ideal reference for defense digital signal processing engineers, in government and industry.

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