

Signals and Systems with MATLAB Computing and Simulink Modeling, Fifth Edition

By Karris, Steven T


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Written for junior and senior electrical and computer engineering students, this text is an introduction to signal and system analysis, digital signal processing, and the design of analog and digital filters. The text also serves as a self-study guide for professionals who want to review the fundamentals. The expanded fifth edition contains additional information on window functions, the cross correlation and autocorrelation functions, a discussion on nonlinear systems including an example that derives its describing function, as well as additional end-of-chapter exercises.

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Editorial Review

Review

This book is very well written and has a very broad and deep coverage of topics of signals and systems. Dr. Ravi Warrier, Electrical Engineering Dept., Kettering University -- Excellent book with many practical examples solved in detail. -- --Undergraduate senior -- I never understood the concepts and uses of the Fourier transform, the DFT and FFT until I read this book. -- --Student enrolled in continued education course

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About the Author

Steven T. Karris is the president and founder of Orchard Publications, has undergraduate and graduate degrees in electrical engineering, and is a registered professional engineer in California and Florida. He has more than 35 years of professional engineering experience and more than 30 years of teaching experience as an adjunct professor, most recently at UC Berkeley, California.

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