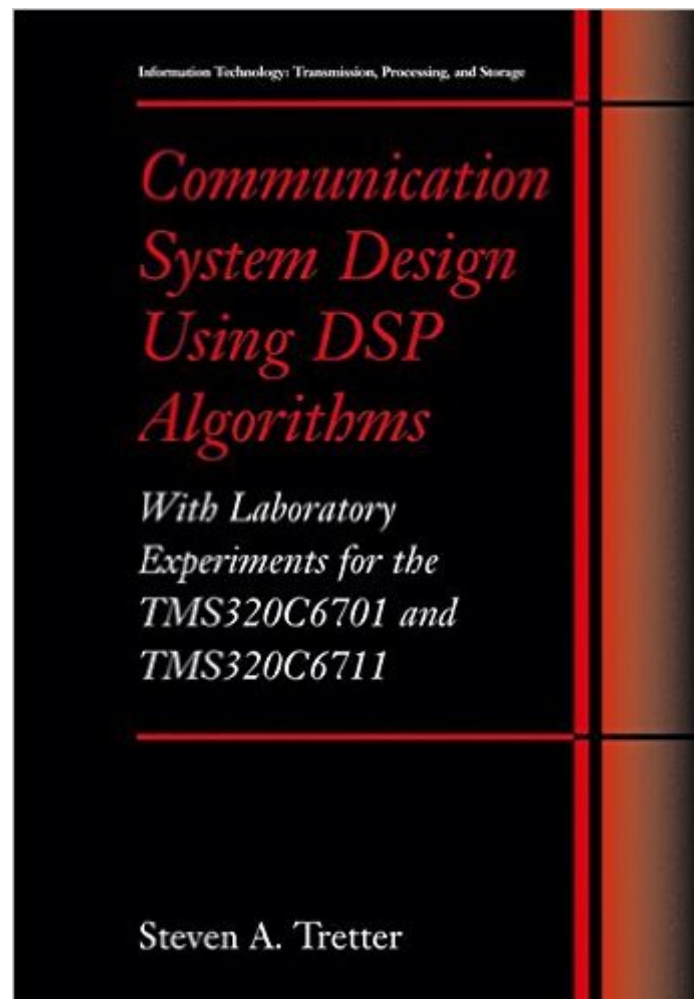# Communication System Design Using DSP Algorithms: With Laboratory Experiments For The TMS320C6701 And TMS320C6711 (Information Technology: Transmission, Processing And Storage)

Synopsis

Designed for senior electrical engineering students, this textbook explores the theoretical concepts of digital signal processing and communication systems by presenting laboratory experiments using real-time DSP hardware. The experiments are designed for the Texas Instruments TMS320C6701 Evaluation Module or TMS320C6711 DSK but can easily be adapted to other DSP boards. Each chapter begins with a presentation of the required theory and concludes with instructions for performing experiments to implement the theory. In the process of performing the experiments, students gain experience in working with software tools and equipment commonly used in industry.

Book Information

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The books covers the necessary topics for a DSP course and is well organized. The projects are presented in a clear and readable way. This book should be included in a DSP course with excellent curricula results.

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