

Design of Sigma-Delta Converters in MATLAB/Simulink by Isacco Araldi

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This textbook is intended for a semester-length course in Sigma-Delta converters. The author minimizes his use of mathematical theory, emphasizes real-use cases, and discusses concepts in a way to be accessible to inexperienced students and entry-level, practicing engineers. Little or no prior knowledge of Sigma-Delta converters and/or MATLAB/Simulink is assumed. Readers will learn what the design process involves, the trade-offs to consider, how a modulator is actually simulated and how to consider a specific design successful. Each chapter begins with the essential, practical information, while the necessary, theoretical concepts are presented through results evaluation of the suggested simulation exercises of the modulators supplied in the MATLAB/Simulink Toolbox software accompanying this book.

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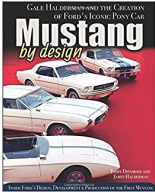
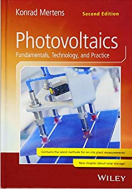
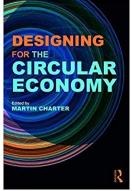
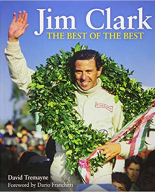
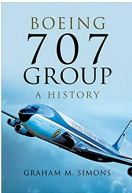
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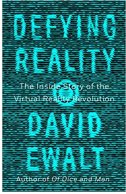

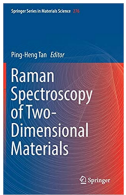
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