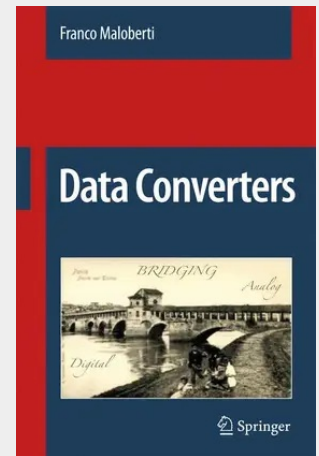


Data Converters

This book is the first graduate-level textbook presenting a comprehensive treatment of Data Converters. It provides comprehensive definition of the parameters used to specify data converters, and covers all the architectures used in Nyquist-rate data converters. The advancement of digital electronics urged the availability of a still missing support for teaching and self-learning analog-digital interfaces at many levels: the specification, the conversion methods and architectures, the circuit design and the testing. The book uses Simulink and Matlab extensively in examples and problem sets. This is a textbook that is also essential for engineering professionals as it was written in response to a shortage of organically organized material on the topic. The book assumes a solid background in analog and digital circuits as well as a working knowledge of simulation tools for circuit and behavioral analysis.

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