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Sommario/riassunto	This book presents the study, design, modulation, optimization and implementation of low power, passive DT-Ms for use in audio applications. The high gain and bandwidth amplifier normally used for integration in modulation, is replaced by passive, switched-capacitor branches working under the Ultra Incomplete Settling (UIS) condition, leading to a reduction of the consumed power. The authors describe a design process that uses high level models and an optimization process based in genetic algorithms to achieve the desired performance.