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Nota di contenuto	Cover -- Title Page -- Copyright -- Contents -- Author Biography -- Preface -- Important Notations -- Chapter 1 Loop Fundamentals -- 1-1 Introduction to Linear Loops -- 1-2 Characteristics of a Loop -- 1-3 Digital Loops -- 1-4 Type 1 FirstOrder Loop -- 1-5 Type 1 Second Order Loop -- 1-6 Type 2 SecondOrder Loop -- 1-6-1 Transient Behavior of Digital Loops Using Tristate Phase Detectors -- 1-7 Type 2 ThirdOrder Loop -- 1-7-1 Transfer Function of Type 2 ThirdOrder Loop -- 1-7-2 FM Noise Suppression -- 1-8 HigherOrder Loops -- 1-8-1 FifthOrder Loop Transient Response -- 1-9 Digital Loops with Mixers -- 1-10 Acquisition -- 1-10-0 Example 1 -- 1-10-1 Pullin Performance of the Digital Loop -- 1-10-2 Coarse Steering of the VCO as an Acquisition Aid -- 1-10-3 Loop Stability -- References -- Suggested Reading -- Chapter 2 ALMOST ALL ABOUT PHASE NOISE --

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