

## Table of contents

- **Characterization and Analysis of Linear Circuits at RF and Microwave Frequencies**
- **Characterization and Analysis of Active Circuits at RF and Microwave Frequencies**
- **Radio-Frequency Components**
- **Narrowband Impedance-Matching with LC Networks**
- **Coupled Coils and Transformers**
- **Transmission-Line Transformers**
- **Film Resistors and Single-Layer Parallel-Plate Capacitors**
- **The Design of Wide-Band Impedance-Matching Networks**
- **Microwave Lumped Elements, Distributed Equivalents, and Microstrip Parasitics**
- **The Design of Radio-Frequency and Microwave Amplifiers and Oscillators**