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The Theory of Thin Antennas and Its Use in Antenna Engineering

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About the ebook

This book deals with the methods of theoretical and experimental research of antennas, which are based on the electromagnetic (EM) theory. The theory of thin antennas explains antenna analysis, as thin antennas represent one of the main types of radiators and are extensively applied as both independent antennas and as elements of more complicated antennas.

Contents

- ▶ Theory of Thin Antennas
- ▶ Integral Equation Method
- ▶ New Methods of Analysis
- ▶ Self-Complementary Antennas
- ▶ Multi-Conductor Cables and Multi-Radiator Antennas
- ▶ Antenna with Loads
- ▶ Compensation Problem
- ▶ Arrays

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