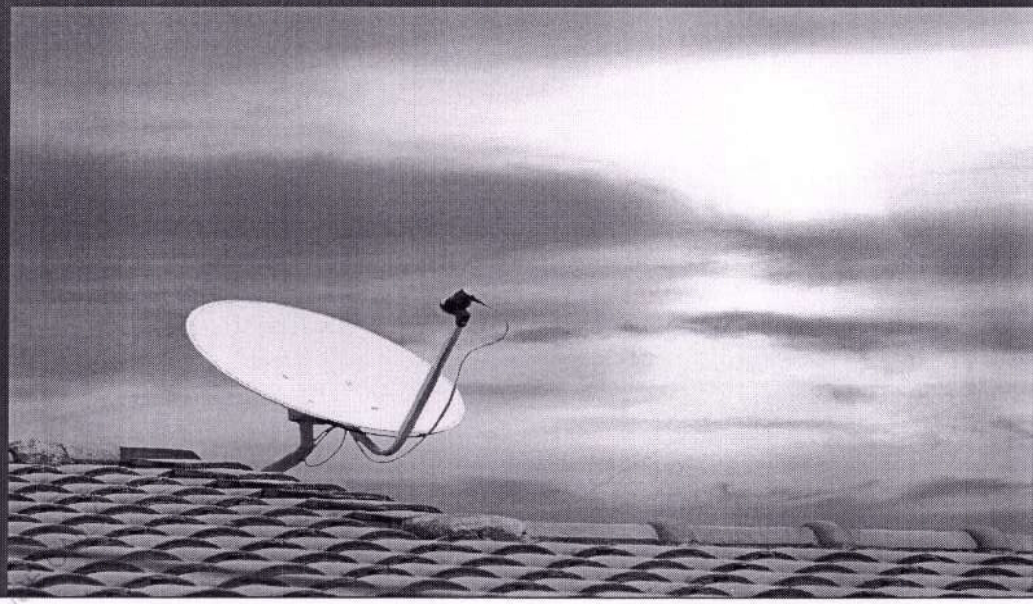
This book introduces the fundamental principles of antenna theory and explains how to apply them to the analysis, design, and measurements of antennas. Due to the variety of methods of analysis and design, and the different antenna structures available, the applications covered in this book are made to some of the most basic and practical antenna configurations. Among these antenna configurations are linear dipoles; loops; arrays; broadband antennas; horns; Log Periodic antenna; Yagi Uda antennas; and reflector antennas.

The text contains sufficient concepts in detail to enable undergraduate and beginning graduate students in Electronics & Electrical Engineering to follow the flow of analysis and design.



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Fundamentals of Practical Antennas

Understandings and concepts of Basic Antennas

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