Microstrip Antennas: A Designer's Guide to Theory and Design

Ian Robertson

This book covers all the important topics in microstrip antennas, including:

- Microstrip patch antennas
- Microstrip line theory
- Microstrip antenna design
- Radiation patterns
- Antenna gain
- Antenna efficiency
- Antenna bandwidth
- Antenna polarization
- Antenna radiation mechanisms

The book is suitable for engineers, researchers, students, and professionals, and covers topics centered on modern antenna and microwave circuits technology.

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are, indeed, many new avenues for technological innovation which were not envisioned or considered possible four years ago. The greatest advances by far have occurred with regard to oxide superconductors, the so-called high transition-

The New Superconducting Electronics, may appear somewhat pretentious. Nevertheless, we feel strongly that the ASI fostered a timely reexamination of the technical progress and application potential of this rapid-paced field. There

Hyperthermia in cancer therapy can be viewed similarly as another means to increase the sensitivity of tumors to radio- and chemotherapy. Improved dose localization using rotational or conformal strategies has also been implemented. Recently, changes in radiation treatment protocols have shown promise at better results. Hyperthermia is cancer therapy that can be viewed similarly as another means to increase the sensitivity of tumors to radio- and chemotherapy.

Advances in Communication, Devices and Networking Bidhannath Bera 2019-01-11 The book covers recent trends in the field of devices, wireless communication and networking. It presents the outcomes of the International Conference in Communication, Devices and Networking (ICCDN 2016), which was organized by the Department of Electronics and Communication Engineering, Himalayan Institute of Technology, Jharkhand, India on 1-2 June, 2016. Continuing cutting-edge research in these areas, the book focuses on the latest trends and developments in communication, devices and networking. It reviews the state of the art and discusses future directions, and is aimed at graduate students, researchers, and professionals in the field.

The New Superconducting Electronics - H. Weinstock 2012-12-06 This volume is based on the proceedings of the NATO-sponsored Advanced Studies Institute (ASn on The New Superconducting Electronics (held 9-20 August 1992 in Steung, Belgium). It contains 17 invited papers selected for their scientific excellence and their potential contribution to the field.

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Handbook of Antennas Technologies - Zhi Ning Chen 2016-06-15 The Handbook of Antenna Technologies presents the technical development of antenna technologies, particularly in the past two decades, and also demonstrates the newly developed technologies and their applications. The handbook will provide readers with the comprehensive up-to-date reference information covering theory, modeling and optimization methods, design and measurement, and electronic materials and applications of antennas. The handbook will enable readers to fully grasp design theory and also fundamental, innovative designs and measurements. The handbook will also provide readers with the comprehensive up-to-date reference information covering theory, modeling and optimization methods, design and measurement, and electronic materials and applications of antennas.

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