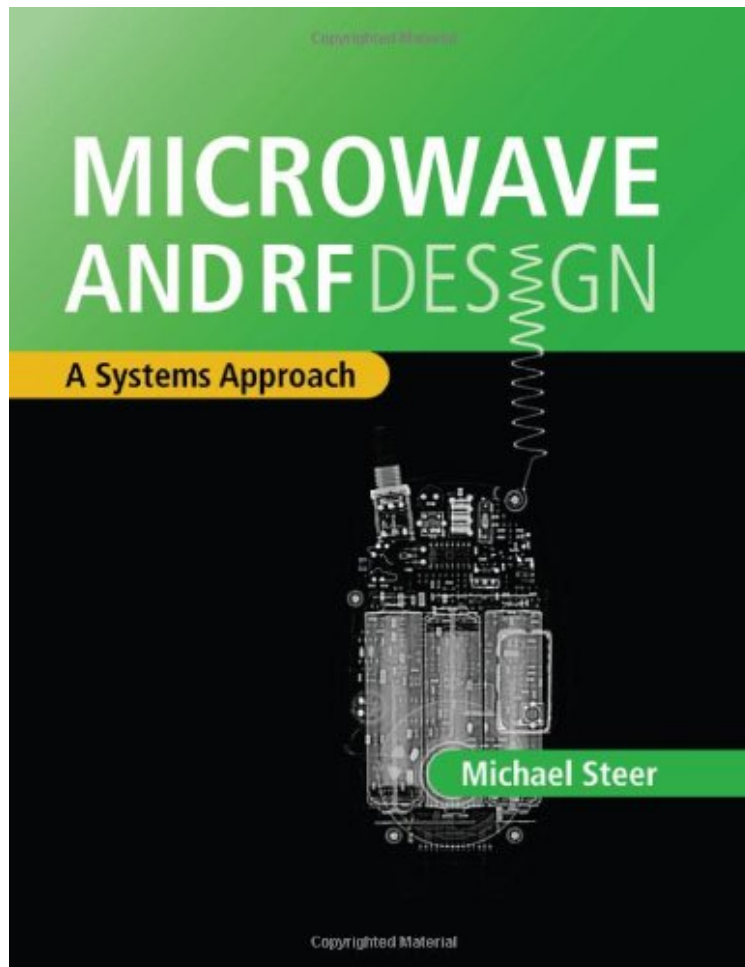


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# Microwave and RF Design: A Systems Approach

*Michael Steer*

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This book is OK. Found it to not explain clearly the information presented. Maybe a good reference book for some who has this knowledge already. Found the book to be wordy in some ways which could have used these words much better. The examples was again OK and maybe to few. Think the book tries to cover to many topics and may in summary form. Stopped using the book quarter way through my class.

This book is the result of years of work, including the publication of a beta version so we could make sure the final product is the very best textbook available. Just as an example, the beta version was 670 pages, and comments from reviewers like you have resulted in a 1,000 page powerhouse. Written by Michael Steer, Lampe Distinguished Professor of Electrical and Computer Engineering at North Carolina State University, the independent modules in this book can be employed for a single course, or the same textbook can carry the student and instructor through multiple courses in microwave and radio frequency design. This book is a comprehensive introduction to RF and microwave design with a systems first approach. However, this does not mean that components are ignored. The book is arranged in five modules (see the TOC) that are independent but do build on each other and are best taught in sequence. Design examples are used throughout the book, and many of them incorporate design tradeoffs that are only appreciated in the context of a specific design. The book is also characterized by design emphasis with discussion of manufacturability and practical design decisions.

I have just finished reading this book. It is a tour de force and I am sure it will prove to be very successful. It provides very broad coverage of modern microwave and RF engineering with appropriate levels of detail and is well illustrated. I particularly like the treatment of communications theory, practice and systems at the beginning of the book, which nicely balances the microwave theory and techniques which follow in the later chapters. This is a real reference text for the student and professional alike - but it's easy to read too! --Christopher Snowden, Vice-Chancellor and Chief Executive, University of Surrey  
I chose the Steer text for my course because it provides the most coherent integration of the many diverse components of RF technology in a very readable and understandable manner. --Robert Hay - ECE Department, Boise State University  
About the Author  
Michael Steer is currently the Lampe Distinguished Professor of Electrical and Computer Engineering at North Carolina State University (NCSU) and is a Fellow of the IEEE. He has authored more than 460 publications and 2 other books: Foundations of Interconnect and Microstrip Design and Multifunctional Adaptive Microwave Circuits and Systems. He is a former Editor-In-Chief of the IEEE Transactions on Microwave Theory and Techniques.