



Modern Lens Antennas for Communications Engineering (Hardback)

By John Thornton, Kao-Cheng Huang

John Wiley Sons Inc, United States, 2013. Hardback. Condition: New. 1. Auflage. Language: English . Brand New Book. The aim of this book is to present the modern design principles and analysis of lens antennas. It gives graduates and RF/Microwave professionals the design insights in order to make full use of lens antennas. Why do we want to write a book in lens antennas? Because this topic has not been thoroughly publicized, its importance is underestimated. As antennas play a key role in communication systems, recent development in wireless communications would indeed benefit from the characteristics of lens antennas: low profile, and low cost etc. The major advantages of lens antennas are narrow beamwidth, high gain, low sidelobes and low noise temperature. Their structures can be more compact and weigh less than horn antennas and parabolic antennas. Lens antennas with their quasi-optical characteristics, also have low loss, particularly at near millimeter and submillimeter wavelengths where they have particular advantages. This book systematically conducts advanced and up-to-date treatment of lens antennas.



READ ONLINE
[2.21 MB]

Reviews

The ideal ebook i actually study. It usually does not expense too much. You wont really feel monotony at at any time of your own time (that's what catalogs are for relating to should you request me).

-- **Mrs. Jacklyn Simonis**

This ebook is very gripping and intriguing. I have got read through and i also am confident that i will gonna read through yet again again down the road. Its been written in an extremely straightforward way and it is merely right after i finished reading this book through which actually altered me, alter the way i really believe.

-- **Noble Hagenes**