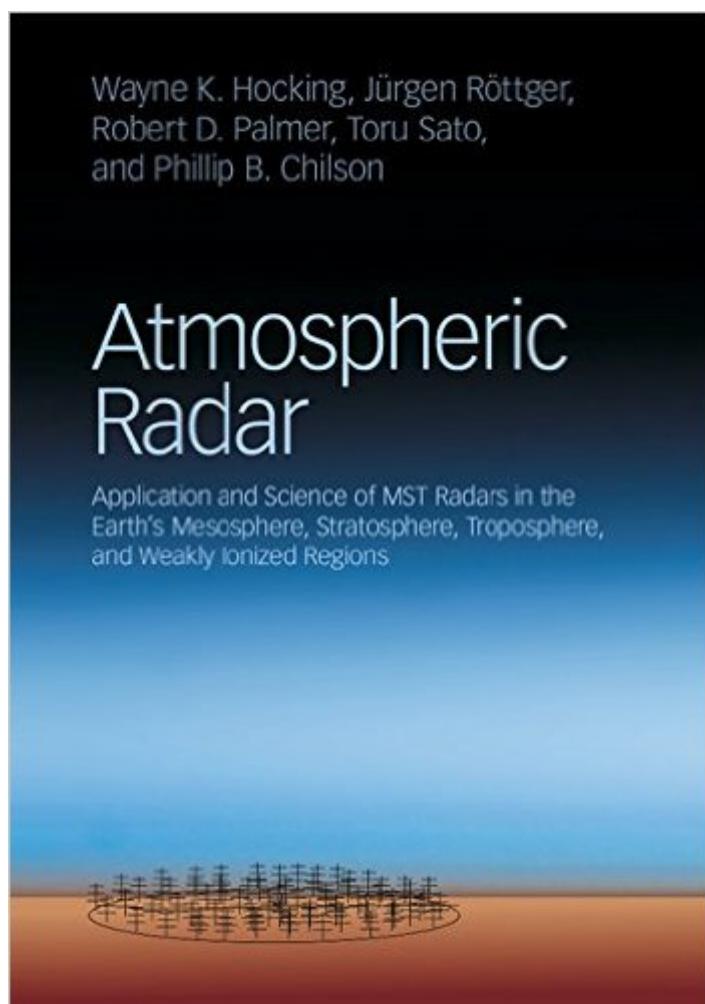


The book was found

Atmospheric Radar: Application And Science Of MST Radars In The Earth's Mesosphere, Stratosphere, Troposphere, And Weakly Ionized Regions



Synopsis

Richly illustrated, and including both an extensive bibliography and index, this indispensable guide brings together the theory, design, and applications of atmospheric radar. It explains the basic thermodynamics and dynamics of the troposphere, stratosphere, and mesosphere, and discusses the physical and engineering principles behind one of the key tools used to study these regions - MST radars. Key topics covered include antennas, signal propagation, and signal processing techniques. A wide range of practical applications are discussed, including the use of atmospheric radar to study wind profiles, tropospheric temperature, and gravity waves. A detailed overview of radar designs provides a wealth of knowledge and tools, providing readers with a strong basis for building their own instruments. This is an essential resource for graduate students and researchers working in the areas of radar engineering, remote sensing, meteorology, and atmospheric physics, as well as for practitioners in the radar industry.

Book Information

Hardcover: 832 pages

Publisher: Cambridge University Press (December 31, 2016)

Language: English

ISBN-10: 1107147468

ISBN-13: 978-1107147461

Product Dimensions: 6.8 x 2.9 x 9.7 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Best Sellers Rank: #2,101,715 in Books (See Top 100 in Books) #178 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Radar #284 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Microwaves #389114 in Books > Textbooks

[Download to continue reading...](#)

Atmospheric Radar: Application and Science of MST Radars in the Earth's Mesosphere, Stratosphere, Troposphere, and Weakly Ionized Regions Best Plants for New Mexico Gardens and Landscapes: Keyed to Cities and Regions in New Mexico and Adjacent Areas, Revised and Expanded Edition Sleisenger and Fordtran's Gastrointestinal and Liver Disease Review and Assessment (Sleisenger and Fordtrans Gastrointestinal and Liver) Eat Fat and Get Thin, Fit, and Healthier Than Ever Before! Easy Diet and Delicious Cookbook: Recipes for Dramatic and Sustainable Weight Loss (Includes 21 Day Meal Plan) Amino Acids: The Way to Health and

Wellness: Find Health and Healing from Depression, Addictions, Obesity, Anxiety, Sexual Issues, and Fill Nutritional Needs of Vegetarian and Vegan Diets Die-cutting and Tooling: A guide to the manufacture and use of cutting, embossing and foiling dies, anvils and cylinders The Complete Book of Essential Oils and Aromatherapy: Over 800 Natural, Nontoxic, and Fragrant Recipes to Create Health, Beauty, and Safe Home and Work Environments Low-Dimensional and Nanostructured Materials and Devices: Properties, Synthesis, Characterization, Modelling and Applications (NanoScience and Technology) World Regions in Global Context: Peoples, Places, and Environments (6th Edition) The Human Side of Science: Edison and Tesla, Watson and Crick, and Other Personal Stories behind Science's Big Ideas Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business Leveraging the Power of Data Analytics, Data Science, ... (Hacking Freedom and Data Driven Book 2) Big Data, MapReduce, Hadoop, and Spark with Python: Master Big Data Analytics and Data Wrangling with MapReduce Fundamentals using Hadoop, Spark, and Python Riddles: Best Riddles For Kids: Short Brain Teasers, Riddle Books Free, Riddle and trick questions, Riddles, Riddles and Puzzles (Jokes and Riddles Book 2) Pure Pulp: THE SHADOW And BLACK MASK - 2 COMPLETE CLASSIC PULP MAGAZINES FROM THE 1930s AND 1940s: OVER 230 PAGES OF MYSTERY, MURDER AND INTRIGUE GoWISE Air Fryer Cookbook: 101 Easy Recipes and How To Instructions for Healthy Low Oil Air Frying and Baking (Air Fryer Recipes and How To Instructions) Healthy Super Shakes and Smoothies: 25 Sugar Free Dairy Free Shakes and Smoothies Recipes (Here's the DEAL - Healthy Weight Loss and Fat Burning Book 3) The Secrets of Baking Soda: Over 40 Recipes and Secret Tips for Cleaning, Cooking and Health on a Budget (DIY Household Hacks and Tips) Low Carb Freezer Meals: 30 Healthy Meals to Choose and Prepare in One Day for the Whole Week to Save Your Time and Money (Microwave Cookbook & Quick and Easy Meals) Programming and Automating Cisco Networks: A guide to network programmability and automation in the data center, campus, and WAN (Networking Technology) Mosaics for the Home and Garden: Creative Guide, Original Projects and instructions (Art and crafts) (Volume 1)

[Dmca](#)