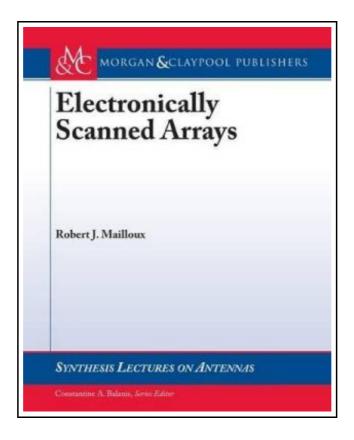
Electronically Scanned Arrays (Paperback)



Filesize: 8.15 MB

Reviews

Thorough information for publication lovers. it was actually writtern extremely properly and useful. I found out this publication from my i and dad suggested this book to learn.

(Dr. Garnett McLaughlin II)

ELECTRONICALLY SCANNED ARRAYS (PAPERBACK)



Morgan Claypool Publishers, United States, 2007. Paperback. Book Condition: New. 230 x 186 mm. Language: English . Brand New Book. Scanning arrays present the radar or communications engineer with the ultimate in antenna flexibility. They also present a multitude of new opportunities and new challenges that need to be addressed. In order to describe the needs for scanned array development, this book begins with a brief discussion of the history that led to present array antennas. This text is a compact but comprehensive treatment of the scanned array, from the underlying basis for array pattern behavior to the engineering choices leading to successful design. The book describes the scanned array in terms of radiation from apertures and wire antennas and introduces the effects resulting directly from scanning, including beam broadening, impedance mismatch and gain reduction and pattern squint and those effects of array periodicity including grating and quantization lobes and array blindness. The text also presents the engineering tools for improving pattern control and array efficiency including lattice selection, subarrray technology and pattern synthesis. Equations and figurers quantify the phenomena being described and provide the reader with the tools to tradeoff various performance features. The discussions proceed beyond the introductory material and to the state of the art in modern array design.



Read Electronically Scanned Arrays (Paperback) Online Download PDF Electronically Scanned Arrays (Paperback)

Related Kindle Books



Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)

Createspace, United States, 2013. Paperback. Book Condition: New. 254×178 mm. Language: English . Brand New Book ***** Print on Demand *****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

Read ePub »



Children's Educational Book Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English] (Paperback)

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

Read ePub »



Meet Trouble: Slipcase (Paperback)

Penguin Putnam Inc, United States, 2013. Paperback. Book Condition: New. 230 x 154 mm. Language: English . Brand New Book. A brand-new series for brand-new readers!Introducing a new series for brand-new readers! Each slipcase includes...

Read ePub »



Readers Clubhouse Set a Nick is Sick (Paperback)

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. Carol Koeller (illustrator). 221 x 147 mm. Language: English . Brand New Book. This is volume three, Reading Level 1, in a comprehensive program...

Read ePub »



Readers Clubhouse Set B Time to Open (Paperback)

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. 222 x 148 mm. Language: English . Brand New Book. This is volume nine, Reading Level 2, in a comprehensive program (Reading Levels 1...

Read ePub »