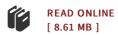




Antennas and Radio Propagation by United States. Department of the Army

By United States Department of the Army

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand ******.ELECTRONIC FUNDAMENTALS SERIES The manuals on electronic fundamentals form a progressive series of educational texts which present the theory and application of electronics for the military services. The series starts with the basic electrical fundamentals and extends to the most recent technical concepts, as applied to telegraphy, telephony, radio, loran, facsimile, radio direction finding, radar, meteorological radio, television, and other military equipments. See SR 310-20-4 for published, available manuals in this series. CONTENTS CHAPTER 1. INTRODUCTION Section I. The electromagnetic wave II. Wave propagation III. Summary and review questions CHAPTER 2. MODES OF PROPAGATION Section I. Ground-wave propagation II. The ionosphere III. Sky-wave propagation IV. Summary and review questions CHAPTER 3. HALF-WAVE AND QUARTER-WAVE ANTENNAS Section I. Basic theory II. Transmission lines III. Basic feeder systems IV. Basic radiation patterns V. Practical half-wave antennas VI. Grounded antennas VII. Summary and review questions CHAPTER 4. LONG-WIRE ANTENNAS 5. DRIVEN AND PARASITIC ARRAYS Section I. Introduction II. Driven arrays III. Parasitic arrays IV. Summary and review questions CHAPTER 6. RADIO DIRECTION FINDING ANTENNAS INDEX.



Reviews

It becomes an awesome publication that I actually have actually read. It really is writter in simple terms and not difficult to understand. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Talia Cormier

The best ebook i possibly read. I have go through and i also am sure that i am going to planning to read once again again later on. Its been printed in an extremely simple way which is simply after i finished reading through this ebook by which basically changed me, alter the way i really believe.

-- Telly Hessel