



**E. SEDOV**  
**ENTERTAINING**  
**ELECTRONICS**

# ENTERTAINING ELECTRONICS

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## Chapter I. ELECTRONS AND ELECTRONICS . . . . . 9

In this chapter the reader will learn about the history of the discovery of the electron and also why it was the fate of this very particle to become the main "component" of certain electronic devices, which gave the first impetus to the development of electronics.

## Chapter II. HOW WERE WAVES DISCOVERED? . . . . . 57

Now the reader will see for himself that for electronics the electric field is no less important than the electron. He will get acquainted with waves, which were discovered before they could be detected, and will learn how radio could manage without electronics and what it was capable of.

## Chapter III. ELECTRONS, WAVES, FIELDS . . . . . 99

How electrons came to be controlled with the aid of a field. About the co-operation between waves and electrons, which gave birth to world-wide radio communication.

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## Chapter V. ELEMENTS OF "WISE" MACHINES . . . . . 279

How simple electronic cells are employed to assemble complex circuits of "wise" machines.

## OTHER BOOKS FOR YOUR LIBRARY

### **Basic Practices in Electric Installation Work**

A Kibben

This study and deals with the approaches and methods necessary to perform individual installations and do various assembly jobs in general. The book is largely concerned with the instruction and reference charts illustrating the making, preparation of electrical wiring routes, calculation of wire and cable strands, and other operations. The charts also give the list of instruments, tools, fixtures and materials indispensable to the installer. The book is designed for students of secondary technical schools and for on-job-training of installers.