



**Advances in
MICROWAVES**

Volume 6

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Preface

This volume, the sixth regular volume in the series, again contains contributions from several distinguished authors, and on a variety of topics.

Precision Coaxial Connectors have made great strides in the past few years, and Mr. R. C. Powell was one of those actively engaged in making these engineering advances possible. Here the reader will find a very useful and practical account of progress in the field.

Traveling Wave Tubes are widely used in microwave systems. Professor J. E. Rowe has been engaged in research in this field for many years. He and his co-worker Dr. H. K. Detweiler have given a detailed account of the electron interactions in traveling wave tubes.

Junction Circulators are widely used. Dr. H. Bosma won the 1965 *Microwave Prize* of the IEEE Group on Microwave Theory and Techniques for his contributions to the subject. Here is a unified treatment from an engineer who has contributed greatly to our understanding of the phenomenon.

As always, it is a pleasure to acknowledge the assistance afforded by Stanford Research Institute, especially Mrs. Dianna Tseu, in handling many of the details which are required to produce such a book.

LEO YOUNG

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