
The reading of this little book by our high school students should be very helpful in making their decision on a career in Science. The infectious enthusiasm of the author and his convincing style make this book an excellent addition to the already existing guides for professional careers. The author properly emphasizes the importance of thorough training for those who wish to attain success in their undertakings, and for this purpose a list of institutions for training in special fields is provided. The present great demand for scientists and the multitudes of opportunities open to young men and women are the chief topics of the first chapter. Subsequent chapters deal with the nature of research problems in fifteen specific fields and give inspiring descriptions of work accomplished in recent years. A special chapter is devoted to science careers for women and provides many illustrations of the valuable contributions made by them in all fields of endeavor. In the appendix salary ranges for science careers are tabulated, but all through his book the author emphasizes the great spiritual rewards coming to those who have chosen to devote their lives to solve the problems of science.

Nicholas Mogendorff.


Of the several textbooks on acoustics which have appeared since the War this is undoubtedly the most ambitious. Professor Beranek, already justly famous in this field for his book entitled "Acoustic Measurements" (John Wiley, New York, 1949) has written a sophisticated introduction to acoustics for the serious student who is already familiar with mathematics through college courses in differential equations, complex variables and elementary matrices. The book throughout emphasizes the practical aspects of the subject. The author warns the reader in the preface that "... the engineer or scientist who wishes to practice in the field of acoustics and who does not intend to confine his efforts to theoretical matters must know the material of this text." Not only are such fundamental principles as the wave equation and the concept of acoustic impedance thoroughly treated, but detailed applications are made to acoustic systems such as loudspeaker enclosures (simple and bass-reflex), horns, microphones and rooms. Examples, with solutions, are interspersed in the text and an adequate collection of problems, correlated with the various chapters, is given at the back of the book. In the reviewer's opinion, the author has succeeded in writing a definitive text. It should find wide acceptance in colleges and universities for senior and graduate courses in acoustics.

C. H. Shaw.