

## BOOK REVIEW

**Einfuehrung in die Tonphotographie.** (Introduction to Sound-Photography.)  
JOHN EGGERT AND RICHARD SCHMIDT. *S. Hirschel*, Leipzig, 1932, 137 pp.

This introduction gives a thorough résumé of methods of recording sound photographically. After briefly describing the elementary physics of sound recording, it deals with the various electrooptical phenomena and their application to modern methods of recording sound.

The greater portion of the book is devoted to the fundamental principles of photographic recording. In some ways very elementary, these chapters furnish a rather complete analysis of most of the known photographic effects on the sound record and discuss the influence of these effects on the final results: the reproduced sound. Following a treatise on sensitometry is a chapter on the fundamental requirements for recording and reproducing sound without distortion. Both the variable area and the variable density systems of recording are discussed, as well as the noiseless recording systems.

The latter part of the book presents results obtained with Agfa Film *TF3* and *TF4*; films especially made and adapted for recording sound, which are extensively used in Europe. A proposal for standardization and citations of German, English, and American literature conclude the volume.

Many graphical charts and drawings, which can be easily understood with but little knowledge of mathematics, illustrate the formulas.

This book should be of great value to all those interested in the problems of recording sound.

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