

the subject of chapter 11, questions on biasing transistor stages and stability criteria. In a book of this kind one very seldom finds such an excellent treatment of this subject. Very briefly problems of feedback over one and several stages are discussed in the next chapter. We find also a section on noise, noise-measuring techniques and the use of stated noise figures by the manufacturer. The authors then analyze oscillators and switching circuits, such as multivibrators and transistor logic circuits. A short, but carefully written description of the high-frequency behavior of transistors and on circuit aspects of field-effect transistors form the last two chapters of the book. Basic laws on determinants and parameter conversion formulas and a selected sample of transistor characteristics (as a help for solving the problems in each chapter) are given in three appendixes.

The primitive start on basic physical laws may shock many readers at the first instant. If they ignore, however,

all the sections discussing well known principles, readers will find in the remainder an excellent book on transistor circuits. The authors are very competent guides through the field and they treat the topics in an expert manner. The book is a systematic introduction to low-frequency circuit analysis using transistors. It can be recommended to low-frequency circuit designers. It is, however, less suitable for designers of high-frequency and pulse circuits.

* * *

H. J. Hagger, a specialist in electricity and electronics, is associated with Albiswerk/Zurich in Switzerland.

A CORRECTION: The correct price of *Probability, Random Variables, and Stochastic Processes*, by Athanasios Papoulis (McGraw-Hill, 1965), is \$12.75. An error was made in the price information associated with the review that appeared in *PHYSICS TODAY*, January 1967, page 135.

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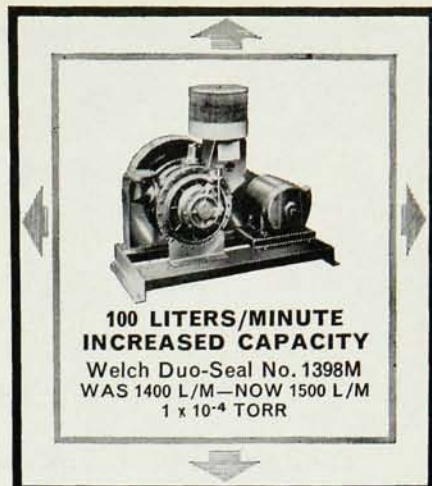
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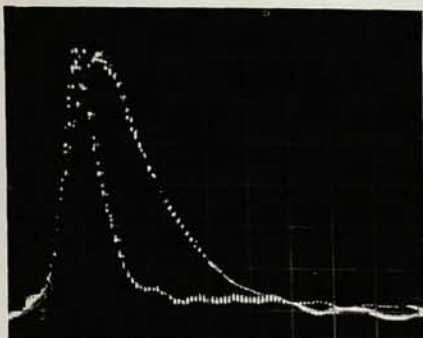
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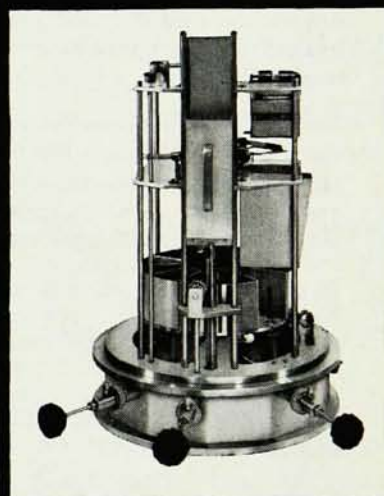
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