

BOOKS

GENERAL GENETICS

by Adrian M. Srb & Roy D. Owen

W. H. Freeman & Co., San Francisco
\$5.50

THIS IS UNDOUBTEDLY one of the most up-to-date textbooks in genetics now available. Written by Adrian Srb, Professor of Plant Breeding at Cornell University (who was a Research Associate at the California Institute in 1949), and Ray Owen, Associate Professor of Biology at Caltech, the book is intended for beginning students in genetics. The first 16 chapters provide elementary coverage of the field, while the remaining 8 chapters deal with more advanced topics. The authors have carefully selected new examples from many organisms, such as chickens, foxes, etc., while retaining the standard examples from corn and *Drosophila*. And they have made an effort to include, wherever possible, results from recent investigations.

The book is copiously illustrated and contains a number of spectacular three-dimensional drawings of the chromosomes, which are the work of Evan L. Gillespie.

The text is nicely adapted for use by elementary students in genetics. It contains a good many problems for students to solve. Each chapter ends with a summary of its contents. And the authors have made a great effort to write with the utmost simplicity. In spite of the rather informal style, the approach is rigorous and thoroughgoing.

ELASTICITY IN ENGINEERING

by Ernest E. Sechler

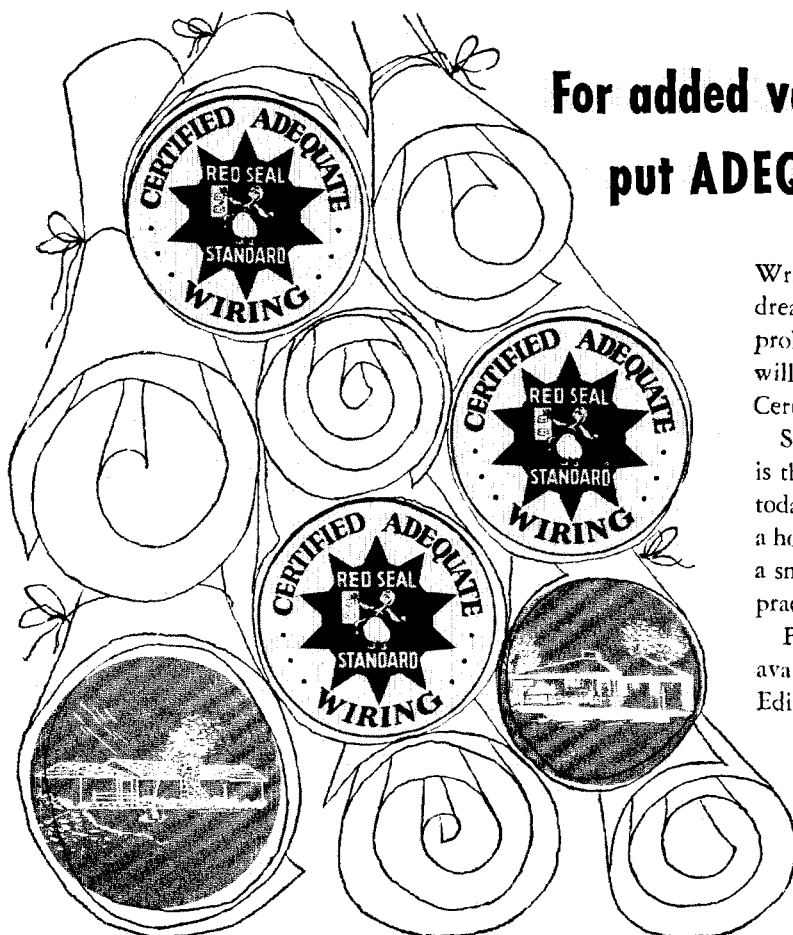
John Wiley & Sons, Inc., New York,
\$8.50

THIS IS THE sixth published volume in the GALCIT Aeronautical Series, and the second in the series to deal with problems of structural analysis

and elasticity. The earlier book, of which Dr. Sechler was the co-author (with Louis G. Dunn), dealt specifically with problems of airplane design. As a result of his work in this field, Dr. Sechler became convinced that the treatment of problems in elasticity which result from the aeronautical approach might have interest and value in other engineering fields.

Elasticity in Engineering bridges the heretofore unfilled gap between strength of materials and theoretical elasticity. As such, it should be useful to engineers working in all fields of structural analysis, as well as in undergraduate and graduate courses in applied elasticity and advanced strength of materials.

Ernest E. Sechler was graduated from Caltech in 1928, received his M.S. here in 1929, and his Ph.D. in 1931. Now Professor of Aeronautics at the Institute, he is in charge of all aeronautical structural course work and research.



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