

Books

Combustion Theory

By *Forman A. Williams, PhD '58*

Addison-Wesley\$15.00

Intended for advanced graduate students and people in the combustion field, this book was prepared while Williams was assistant professor at Harvard on a National Science Foundation grant for fundamental studies of sprays. He is now associate professor in the department of aerospace engineering at the University of California, San Diego.

Principles of Dynamics

by *Donald T. Greenwood '44, MS '48, PhD '51*

Prentice-Hall, Inc.\$14.00

A text designed for graduate students or senior undergraduates. The author is now a professor in the department of aeronautical and astronautical engineering at the University of Michigan. The book is part of a series on

dynamics edited by Y. C. Fung, professor of aeronautics at Caltech.

The Eightfold Way

By *M. Gell-Mann and Y. Ne'eman*

W. A. Benjamin, Inc.\$3.95

A review of all work done on the eightfold way since 1961, including reprints of the most important professional articles on the subject. The authors — Murray Gell-Mann, professor of theoretical physics at Caltech; and Yuval Ne'eman, visiting professor of theoretical physics — proposed the eightfold-way theory independently, and simultaneously, in 1961.

Listen to Leaders in Science

Edited by *Albert Love and James Saxon Childers*

David McKay Company, Inc.\$5.50

Of the 18 scientists who describe their fields in this book, six are (or were) Caltech men. James Bonner, professor of biology, writes on botany; Frank Press, professor of geophysics and director of the Seismological Laboratory, covers geophysics. Caltech's

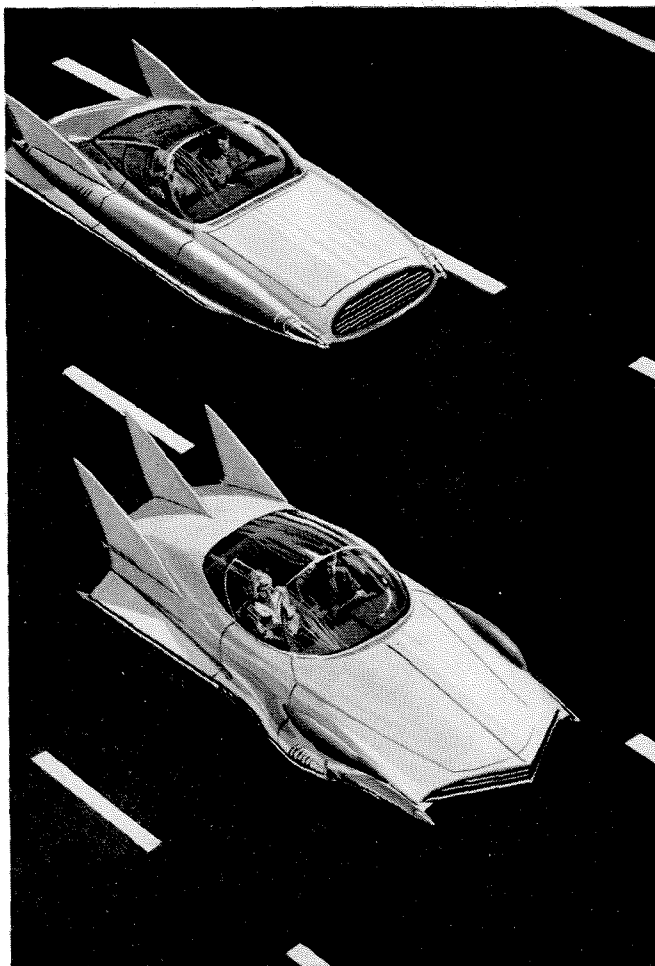
President Lee A. DuBridge contributes "Preparation for a Lifetime in Science," and George Beadle, now president of the University of Chicago, writes "An Introduction to Science." Robert Oppenheimer, now director of the Institute for Advanced Study, covers physics; Warren Weaver, now vice president of the Alfred P. Sloan Foundation, describes "Careers in Science."

Listen to Leaders in Engineering

Edited by *Albert Love and James Saxon Childers*

David McKay Company, Inc.\$5.95

Engineering leaders in this popular-level collection include Simon Ramo, PhD '36, president of The Bunker-Ramo Corporation, who writes on "The Design of the Whole — Systems Engineering;" Bernard M. Oliver, MS '36, PhD '40, vice president of the Hewlett-Packard Company, who covers electronics; John R. Pierce '33, MS '34, PhD '36, director of communications research at the Bell Telephone Laboratories, who writes on communications; and Newman A. Hall, PhD '38, executive director of the Commission on Engineering Education, who discusses "The Profession of Engineering."



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