

New for 1981. . .

Process Analysis and Design for Chemical Engineers

William Resnick, Technion—
Israel Institute of Technology
400 pages, \$25.50

This new book combines the elements of modern process engineering and design with those aspects of traditional chemical engineering that need emphasis in light of the design and analysis functions of the chemical engineer.

Principles of Polymer Systems, 2/e, (Available in 1981, with a 1982 copyright.)

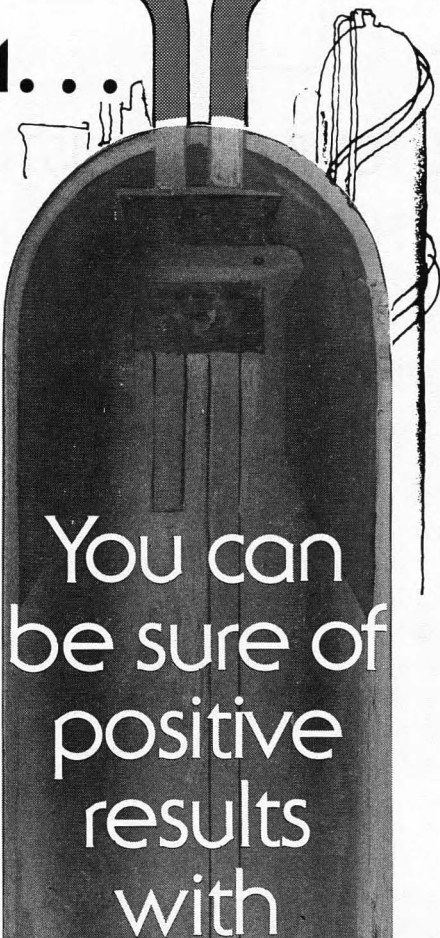
Ferdinand Rodriguez,
Cornell University
576 pages (tent.), \$27.95 (tent.)

Emphasizing quantitative description of polymers and manipulation of data to predict and correlate the behavior of real polymer systems, the new second edition includes the most current figures, references, and text material.

Chemical Engineering Kinetics, 3/e

J.M. Smith, University
of California, Davis
704 pages, \$27.95

Thoroughly revised and updated, the new edition of this successful text continues to emphasize the application of the principles of reactor design to real chemical systems.



You can
be sure of
positive
results
with

**McGraw-Hill
Chemical
Engineering
Texts**

Advanced Process Control

W. Harmon Ray, University of
Wisconsin, Madison
416 pages, \$29.50

Appropriate for advanced undergraduate and graduate students as well as practicing control engineers who must design economically optimal process control schemes, this book presents a comprehensive introduction to the theory and practice of modern computer process control.

**From Our
1980 List**

Separation Processes, 2/e

C. Judson King,
University of California, Berkeley
864 pages, \$28.95

Plant Design and Economics for Chemical Engineers, 3/e

Max S. Peters and
Klaus D. Timmerhaus,
both of the University of
Colorado, Boulder
944 pages, \$28.50

Heterogeneous Catalysis in Practice

Charles N. Satterfield,
Massachusetts Institute of
Technology
432 pages, \$26.95

Mass Transfer Operations, 3/e

The late **Robert E. Treybal**
800 pages, \$26.50

Prices subject to change.

COLLEGE DIVISION
McGraw-Hill Book Company
1221 Avenue of the Americas
New York, N.Y. 10020



McGraw-Hill