

each individual's contribution and to a restricted view of the vigor with which hypnosis research is proceeding. For example, Orne is portrayed as using only the real-simulating design and Hilgard as using primarily repeated measure designs, but the last real-simulating design study conducted in Orne's laboratory was conducted in 1966 (by Sheehan), and simulating subjects have been employed quite appropriately in Hilgard's recent research. The approach adopted by Sheehan and Perry fails to reveal the very richness of much research on hypnosis.

Another limitation of the book arises from the authors' emphasis on dealing with the problem of artifact by attempting to control and minimize its sources. An alternative, though conservative, strategy is to maximize the operation of factors contributing to artifactual results. To the extent that experimental manipulations produce results that exceed those due to artifact, as measured by appropriate control procedures, valid inferences are possible. This is the logic of the double-blind placebo control in pharmacology, of the real-simulating design, and particularly of the London-Fuhrer design and its subsequent modifications.

The book discusses in a compelling manner some of the most difficult areas of behavioral research. It deserves to be studied carefully by all students of human behavior.

FREDERICK J. EVANS

*Institute of Pennsylvania Hospital and
University of Pennsylvania,
Philadelphia 19139*

Chemical Dynamics

Dynamics of Molecular Collisions. WILLIAM H. MILLER, Ed. Plenum, New York, 1976. In two parts. Part A. xiv, 318 pp., illus. \$39.40. Part B. xvi, 380 pp., illus. \$39.50. *Modern Theoretical Chemistry*, vols. 1 and 2.

Although the study of modern molecular collision dynamics began, perhaps, with the work of Polanyi in the 1930's, it is only in the last 15 years that intense theoretical and experimental studies of the details of inelastic and reactive collision processes in the gas phase have been carried out for a variety of systems. The technological impetus for this work was strong, deriving from the need to understand the atmospheric effects of nuclear weapons and reentry vehicles, the possibility that chemical lasers could be developed, the recognition of the importance of inelastic collision processes in gas lasers, and, more recently, the need

to deal with the problems of photochemical smog and pollution control in combustion. The scientific challenges and rewards in the study of molecular collision dynamics have been large, and such sophisticated experimental techniques as molecular beams and laser fluorescence detection now yield a wealth of detailed information on specific relaxation rates, energy distributions in reaction products, potential energy curves, and so forth.

The quantitative and semiquantitative theoretical approaches to collision dynamics are the subject of these welcome and timely volumes. Most of the theory has been developed or greatly improved in the last decade as a result both of significant theoretical advances and of the increasing use of large and fast computers. The fact that some contributions seem dated only 18 months after submission attests to the vigor of the field.

Work on the theory of chemical dynamics is difficult because, although chemists know the laws of interaction governing such processes, they do not have the power, despite large-scale computers, to solve exactly for any but the simplest systems. Thus each of the chapters in these volumes either deals with an approximate mathematical approach to chemical dynamics or describes a particular topic qualitatively. Of the 13 chapters five are good expositions of significant and recent results, four are primarily critical reviews of subjects in which recent activity has been less intense, and four are expositions of known results in subjects of narrower scope. As with any volume of contributions, the book's goal, to "be of use for beginning research students," is attained with varying degrees of success.

The chapter by Child on semiclassical methods is a concise and beautiful exposition covering not only primitive and uniform approximations but semiclassical transformation theory and mapping techniques. Rabitz, in his chapter on effective Hamiltonians, has tied together and critically reviewed the several recent approaches to the problem of controlling the dimensionality of the quantum coupled equations. He fails to mention, however, that the applicability of partitioning theory and optical potential is highly speculative. Pechukas, in his chapter on statistical theories of chemical reactions, presents the classical theory beautifully, but his delightful questioning style occasionally obscures what has been accomplished with semiclassical and quantum theory. Levine and Bernstein, on the other hand, provide a clear exposition of the informa-

tion-theoretic, or thermodynamic, approach to kinetics. Although Micha assumes a high level of preparation and sophistication on the part of the reader, his chapter on optical potentials contains a fair fraction of the known material on the formal development and phenomenological applications of optical models.

The chapters by Siebrand, Wolken, Tully, and Hase on radiationless processes, gas-surface dynamics, non-adiabatic processes, and unimolecular processes, respectively, are good introductions and reviews. The chapters by Siebrand and Hase could well have been omitted, however, for excellent reviews of these topics already exist. The chapter by Lester on the N coupled-channel problem derives only the formal coupled differential equations for heavy particle scattering, neglecting other approaches such as integral equations and recent numerical methods. Porter and Raff give more detail on the classical trajectory methods, including Monte Carlo and other sampling techniques as well as appropriate numerical integration methods. Experimentalists, in particular, may find the qualitative chapter on the effects of potential energy surfaces on dynamics by Kuntz of interest and may glean some useful formula for vibrational energy transfer from the rather long chapter by Shin. Notable omissions from the volumes are the quantum theory of reactive processes, collision-induced dissociation, and photodissociation and chemi-ionization processes.

The goals of the book are laudable, the success is moderate, and the price is a disgrace.

JOHN C. LIGHT

*James Franck Institute, University of
Chicago, Chicago, Illinois 60637*

Books Received and

Book Order Service

Books Received and the Book Order Service will be combined in issues in which there is a Readers' Service Card. To order any of the Book Order Service books, circle the corresponding number on the Readers' Service Card (pages 558A and 638A); the participating publisher(s) will ship the title(s) ordered and send you a bill.

Advances in Experimental Social Psychology. Vol. 10. Leonard Berkowitz, Ed. Academic Press, New York, 1977. x, 342 pp. \$19. *To order this book circle No. 354 on Readers' Service Card.*

Advances in Heterocyclic Chemistry. Vol. 21. A. R. Katritzky and A. J. Boulton, Eds. Academic Press, New York, 1977. x, 486 pp., illus. \$49. *To order this book circle No. 355 on Readers' Service Card.*

Advances in Image Pickup and Display. Vol. 3. B. Kazan, Ed. Academic Press, New York, 1977. xiv, 302 pp., illus. \$31. *To order this book circle No. 350 on Readers' Service Card.*

Advances in Pharmacology and Chemotherapy. Vol. 14. Silvio Garattini, A. Goldin, F. Hawking, and I. J. Kopin, Eds. Academic Press, New York, 1977. x, 422 pp. \$38. *To order this book circle No. 351 on Readers' Service Card.*

AFDC Housing Costs in Michigan. Robert W. Swanson with the assistance of Susan K. Peterson. Michigan Department of Social Services, Lansing, 1977. x, 250 pp. Paper, \$5. *Studies in Welfare Policy*, No. 11.

American by Design. Science, Technology, and the Rise of Corporate Capitalism. David F. Noble. Knopf, New York, 1977. xxvi, 384 pp. \$12.95.

Analysis of Drugs and Metabolites by Gas Chromatography-Mass Spectrometry. Vol. 1, Respiratory Gases, Volatile Anesthetics, Ethyl Alcohol, and Related Toxicological Materials. Benjamin J. Gudzinowicz and Michael J. Gudzinowicz with the assistance of Horace F. Martin and James L. Driscoll. Dekker, New York, 1977. xii, 224 pp., illus. \$23.75.

Analytical Mechanics. Grant R. Fowles. Holt, Rinehart and Winston, New York, ed. 3, 1977. xii, 334 pp., illus. \$16.95.

Animal Care from Protozoa to Small Mammals. F. Barbara Orlans. Addison-Wesley, Reading, Mass., 1977. viii, 374 pp., illus. Paper, \$10.50.

Annotations of Selected Literature on Non-structural Flood Plain Management Measures. H. James Owen. Hydrologic Engineering Center, U.S. Army Corps of Engineers, Davis, Calif., 1977. vi, 96 pp. Paper.

ANS COBOL Programming. James A. Saxton and William R. Englander. Prentice-Hall, Englewood Cliffs, N.J., ed. 2, 1977. xiv, 272 pp., illus. Paper, \$9.95.

Anthropology of the City. An Introduction to Urban Anthropology. Edwin Eames and Judith Granich Goode. Prentice-Hall, Englewood Cliffs, N.J., 1977. viii, 344 pp. Paper, \$8.95.

Antibiotics in Clinical Practice. Hillas Smith. University Park Press, Baltimore, ed. 3, 1977. x, 414 pp. \$19.50.

Antifungal Compounds. Vol. 1, Discovery, Development, and Uses. Malcolm R. Siegel and Hugh D. Sisler, Eds. Dekker, New York, 1977. xvi, 600 pp., illus. \$55.

Aphids as Virus Vectors. Kerry F. Harris and Karl Maramorosch, Eds. Academic Press, New York, 1977. xvi, 560 pp., illus. \$29. *To order this book circle No. 352 on Readers' Service Card.*

Applied Linear Algebra. Ben Noble and James W. Daniel. Prentice-Hall, Englewood Cliffs, N.J., ed. 2, 1977. xviii, 478 pp. \$15.95.

Archaeological Approaches to the Present. Models for Reconstructing the Past. John E. Yellen. Academic Press, New York, 1977. xvi, 260 pp., illus. + site plans. \$24. *Studies in Archeology. To order this book circle No. 353 on Readers' Service Card.*

Atlas of Colposcopy. Per Kolstad and Adolf Stafl. Universitetsforlaget, Oslo, Norway, and University Park Press, Baltimore, ed. 2, 1977. 152 pp. \$39.50. Scandinavian University Books.

Atlas of the Central Nervous System in Sectional Planes. Selected Myelin Stained Sections of the Human Brain and Spinal Cord. Susanna Zuleger and Jochen Staubesand. Urban & Schwarzenberg, Baltimore, 1977. 106 pp. Paper, \$9.50.

Bilingualism. Psychological, Social, and Educational Implications. Proceedings of a conference, Plattsburgh, N.Y., Mar. 1976. Peter A. Hornby, Ed. Academic Press, New York, 1977. xii, 168 pp. \$9.50.

Biochemical Methods in Cell Culture and Virology. Robert J. Kuchler. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1977 (distributor, Halsted [Wiley], New York). xii, 332 pp., illus. \$30.

Biofeedback and Self-Control, 1976/77. An Aldine Annual on the Regulation of Bodily Processes and Consciousness. Joe Kamiya, T. X. Barber, Neal E. Miller, David Shapiro, and Johann Stoyva, Eds. Aldine, Chicago, 1977. xxii, 614 pp., illus. \$22.95.

Breast Cancer. Papers from a conference, Lucerne, Switzerland, July 1976. Albert C. W. Montague and six others, Eds. Liss, New York, 1977. x, 550 pp., illus. \$38. *Progress in Clinical and Biological Research*, vol. 12. *To order this book circle No. 356 on Readers' Service Card.*

Bryozoa 1974. Proceedings of a conference, Lyon, France, Sept. 1974. S. Pouyet, Ed. Université Claude Bernard Département des Sciences de la Terre, Villeurbanne, France, 1975. Two volumes. 690 pp., illus. Paper, \$50. Documents des Laboratoires de Géologie de la Faculté des Sciences de Lyon, H.S. 3.

Cancer. A Comprehensive Treatise. Vol. 5, Chemotherapy. Frederick F. Becker, Ed. Plenum, New York, 1977. xxii, 666 pp., illus. \$42.50.

Cannabinoid Assays in Humans. Robert E. Willette. National Institute on Drug Abuse, Rockville, Md., 1976 (available from the Superintendent of Documents, Washington, D.C.). xii, 120 pp., illus. \$1.95. National Institute on Drug Abuse Research Monograph, 7.

Chemical and Biochemical Applications of Lasers. Vol. 2. C. Bradley Moore, Ed. Academic Press, New York, 1977. x, 288 pp., illus. \$15. *To order this book circle No. 357 on Readers' Service Card.*

Discrete Mathematics in Computer Science. Donald F. Stanat and David F. McAllister. Prentice-Hall, Englewood Cliffs, N.J., 1977. xiv, 402 pp. \$15.95.

A Discussion of the Meiotic Process. Proceedings of a meeting, Dec. 1975. Royal Society, London, 1977. pp. 183-376, illus. + plates. Paper, £17.60. *Philosophical Transactions of the Royal Society of London, B. Biological Sciences*, vol. 277, No. 955.

Electrical Phenomena at the Biological Membrane Level. Proceedings of a meeting, Orsay, France, Oct. 1976. E. Roux, Ed. Elsevier, New York, 1977. xvi, 566 pp., illus. \$65.50.

The Elements of Shipping. Alan E. Branch. Chapman and Hall, London, ed. 4, 1977 (U.S. distributor, Halsted [Wiley], New York). xvi, 238 pp. Paper, \$8.95.

Ellipsometry and Polarized Light. R. M. A. Azzam and N. M. Bashara. North-Holland, Amsterdam, 1977 (U.S. distributor, Elsevier, New York). xviii, 530 pp., illus. \$73.50.

Essentials of General, Organic and Biochemistry. Joseph I. Routh, Darrell P. Eyman, and Donald J. Burton. Saunders, Philadelphia, ed. 3, 1977. x, 632 pp., illus. + index. \$15.50. Saunders Golden Sunburst Series.

Flavor Quality. Objective Measurement. Papers from a symposium, San Francisco, Sept. 1976. American Chemical Society, Washington, D.C., 1977. x, 118 pp., illus. \$14.50. ACS Symposium Series, 51. *To order this book circle No. 358 on Readers' Service Card.*

Handbook on Injectable Drugs. Lawrence A. Trissel. American Society of Hospital

Pharmacists, Washington, D.C., 1977. xvi, 428 pp. Paper, \$15.

Hearing Loss in Children. A Comprehensive Text. Burton F. Jaffe, Ed. University Park Press, Baltimore, 1977. xxiv, 784 pp., illus. \$29.50.

Hero, Artist, Sage, or Saint? A Survey of Views on What Is Variouslly Called Mental Health, Normality, Maturity, Self-Actualization, and Human Fulfillment. Richard W. Coan. Columbia University Press, New York, 1977. xiv, 322 pp. Cloth, \$20; paper, \$6.50.

HLA and Malignancy. Proceedings of a symposium, Buffalo, N.Y., Aug. 1976. Gerald P. Murphy, Elias Cohen, John E. Fitzpatrick, and David Pressman, Eds. Liss, New York, 1977. xvi, 248 pp., illus. \$24. *Progress in Clinical and Biological Research*, vol. 16. *To order this book circle No. 359 on Readers' Service Card.*

Interpretive Techniques for Microstructural Analysis. Proceedings of a symposium, Minneapolis, June 1975. James L. McCall and P. M. French, Eds. Plenum, New York, 1977. x, 202 pp., illus. \$25.

Introduction to the Psychology of Hearing. Brian C. J. Moore. University Park Press, Baltimore, 1977. 312 pp., illus. Paper, \$12.50.

Legal Rights of Chemists and Engineers. Papers from a symposium, New York, Apr. 1976. Warren D. Niederhauser and E. Gerald Meyer, Eds. American Chemical Society, Washington, D.C., 1977. x, 110 pp. \$16. *Advances in Chemistry Series*, 161. *To order this book circle No. 360 on Readers' Service Card.*

Lymphocyte Differentiation, Recognition, and Regulation. David H. Katz. Academic Press, New York, 1977. xii, 750 pp., illus. \$42. *Immunology. To order this book circle No. 361 on Readers' Service Card.*

Morphogenesis and Malformation of the Genital System. Papers from a conference, Lake Wilderness, Wash., July 1976. Richard J. Blandau, Daniel Bergsma, Natalie W. Paul, Mary Adams, and Florence Dickman, Eds. Liss, New York, 1977. xii, 162 pp., illus. \$18. *Birth Defects: Original Article Series*, vol. 13, No. 2. *To order this book circle No. 362 on Readers' Service Card.*

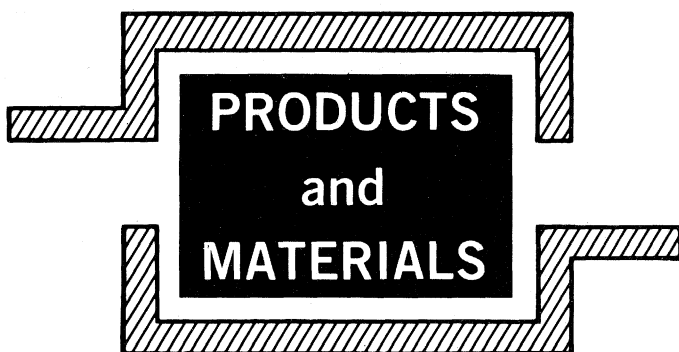
Morphogenesis and Malformation of the Limb. Papers from a conference, Titisee, Germany. Daniel Bergsma, Widukind Lenz, and Sue Conde Greene, Eds. Liss, New York, 1977. xii, 364 pp., illus. \$35. *Birth Defects: Original Article Series*, vol. 13, No. 1. *To order this book circle No. 363 on Readers' Service Card.*

Reactivity of Solids. Proceedings of a symposium, Goteborg, Sweden, June 1976. John Wood, Oliver Lindqvist, Claes Helgesson, and Nils-Gösta Vannerberg, Eds. Plenum, New York, 1977. xx, 810 pp., illus. \$59.50.

Reconstruction Following Disaster. J. Eugene Haas, Robert W. Kates, and Martyn J. Bowden, Eds. MIT Press, Cambridge, Mass., 1977. xxxvi, 332 pp. \$12.95. MIT Press Environmental Studies Series.

Reefs and Related Carbonates. Ecology and Sedimentology. Papers from two meetings, Guadeloupe, French Antilles, July 1974, and St. Croix, U.S. Virgin Islands, Mar. 1974. Stanley H. Frost, Malcolm P. Weiss, and John B. Saunders, Eds. American Association of Petroleum Geologists, Tulsa, Okla., 1977. xiv, 422 pp., illus. Paper, \$24; to members, \$19. *Studies in Geology* No. 4.

Respiratory Defense Mechanisms. Part 1. Joseph D. Brain, Donald F. Proctor, and Lynne M. Reid, Eds. Dekker, New York, 1977. xx, (Continued on page 638)



PRODUCTS and MATERIALS

Elemental Analysis

The TN-2000 x-ray system consists of a high-resolution interactive display, backlit control keypad, and the mainframe console housing the LSI-11 microcomputer, x-ray processing electronics, and data storage memory. The control keypad and display screen may be located away from the main frame in the laboratory. The display includes elemental identification lines and labels for peaks traced for the various elements. The system accommodates elemental analysis and software is available for automated quantitative analysis. Tracor Northern. Circle 667.

Scanning Electron Microscopes

The S-400 series consists of three instruments: the S-450 with 60-angstrom resolution, 2- to 30-kilovolt accelerating voltage, and 20- to 200,000-power magnification; the S-430 with 70-angstrom resolution, 2- to 25-kilovolt accelerating voltage, and 30- to 200,000-power magnification; and the S-410 with 70-angstrom resolution, 2- to 25-kilovolt accelerating voltage, and 30- to 150,000-power magnification. All three models have differing amounts of automation to meet various conditions. Perkin-Elmer. Circle 668.

Tissue Processor

The E9000 is an automatic tissue processor for electron microscopy. It is a programmable unit for routine and complex processing from fixation through resin impregnation. The E9000 is programmed by specially prepared punch

Newly offered instrumentation, apparatus, and laboratory materials of interest to researchers in all disciplines in academic, industrial, and government organizations are featured in this space. Emphasis is given to purpose, chief characteristics, and availability of products and materials. Endorsement by *Science* or AAAS is not implied. Additional information may be obtained from the manufacturers or suppliers named by circling the appropriate number on the Readers' Service Card (on pages 558A and 638A) and placing it in the mailbox. Postage is free.

—RICHARD G. SOMMER

cards. Cross contamination of preparations is inhibited by the use of reversible peristaltic pumps and a two-chamber assembly. The specimen chamber is separated from the mixing chamber by a solenoid valve. A magnetic stirrer in the mixing chamber and continuous agitation of the specimen holders ensures thorough infiltration of the tissue from fixation through resin impregnation. Polaron Instruments. Circle 665.

Cages for Small Animals

Enclosures are available in a variety of configurations that render them suitable for fish, urodeles, tadpoles, toads, frogs, lizards, snakes, rodents, small perching birds, and even invertebrates. They are designed to meet humane standards, to eliminate or reduce handling of their inhabitants, to reduce maintenance time, and to conserve laboratory space. They are available in racks of two, four, or six units. Various depths are offered and construction may be of stainless steel or plaster. Transparent, opaque, or one-way vision domed tops are available. Keyco. Circle 666.

Literature

Centria describes an automated system for radioimmunoassay. Union Carbide Clinical Diagnostics. Circle 694.

Digital Dosimetry is devoted to the model 192 exposure/exposure-rate meter for gamma- and x-irradiation. Capintec. Circle 696.

Amino Acid Analyzer features the model 119CL for analysis of protein hydrolyzates in less than 2 hours. Beckman Instruments. Circle 697.

Noninvasive Carboxyhemoglobin Analyzer describes the Ecolyzer Carboximeter for clinical and research applications. Iadec. Circle 698.

Chromatography Products is a 36-page catalog that also reviews techniques. ICN Pharmaceuticals. Circle 703.

BOOKS RECEIVED AND BOOK ORDER SERVICE

(Continued from page 602)

488 pp., illus. \$44.50. Lung Biology in Health and Disease, vol. 5.

Rx: 3x/week LAAM Alternative to Methadone. Jack D. Blaine and Pierre F. Renault, Eds. National Institute on Drug Abuse, Rockville, Md., 1976 (available as PB 253 763 from the National Technical Information Service, Springfield, Va.). viii, 128 pp. \$6. National Institute on Drug Abuse Research Monograph, 8.

Semiempirical Methods of Electronic Structure Calculation. Part A, Techniques; xviii, 274 pp., \$39.50. Part B, Applications; xviii, 308 pp., illus., \$39.50. Gerald A. Segal, Ed. Plenum, New York, 1977. Modern Theoretical Chemistry, vol. 8.

Solar Collector Design. D. K. Edwards. Franklin Institute Press, Philadelphia, 1977. 64 pp., illus. Paper, \$6.50.

Solar Energy. Fundamentals in Building Design. Bruce Anderson. McGraw-Hill, New York, 1977. x, 374 pp., illus. \$21.50. To order this book circle No. 367 on Readers' Service Card.

Space and Place. The Perspective of Experience. Yi-Fu Tuan. University of Minnesota Press, Minneapolis, 1977. x, 236 pp., illus. \$12.95.

Space Chemistry. L. Nikolaev. Translated from the Russian edition (Moscow, 1974) by Y. Nadler. Mir Publishers, Moscow, 1976 (U.S. distributor, Imported Publications, Chicago). 200 pp., illus. Paper, \$2.

Special Review of Experimental Aging Research. Progress in Biology. Merrill F. Elias, Basil E. Eleftheriou, and Penelope K. Elias, Eds. Experimental Aging Research, Bar Harbor, Me., 1976. 482 pp., illus. Paper, \$24.

Statistics. Tool of the Behavioral Sciences. Marcia K. Johnson and Robert M. Liebert. Prentice-Hall, Englewood Cliffs, N.J., 1977. xvi, 238 pp., illus. \$10.95.

Stochastic Processes in Chemical Physics. The Master Equation. Irwin Oppenheim, Kurt E. Shuler, and George H. Weiss. MIT Press, Cambridge, Mass., 1977. x, 562 pp. \$19.95.

Strategic Psychotherapy. Brief and Symptomatic Treatment. Richard Rabkin. Basic, New York, 1977. xii, 258 pp. \$11.95.

Structure Determination by X-Ray Crystallography. M. F. C. Ladd and R. A. Palmer. Plenum, New York, 1977. xvi, 394 pp., illus. \$29.50.

The Style and Management of a Pediatric Practice. Lee W. Bass and Jerome H. Wolfson. University of Pittsburgh Press, Pittsburgh, 1977. xviii, 110 pp., illus. Cloth, \$7.95; paper, \$3.95. Contemporary Community Health Series.

Systèmes et Modèles. Introduction Critique à l'Analyse de Systèmes. Bernard Walliser. Editions du Seuil, Paris, 1977. 256 pp. Paper, 60F.

Techniques in Radioautography. Bernard Droz, Michel Bouteille, and Daniel Sandoz, Eds. Société Française de Microscopie Electronique, Paris, 1976. iv + pp. 71-292, illus. Paper, 70 F. Reprinted from *Journal de Microscopie et de Biologie Cellulaires*, 27, 2-3.

Technology, World Politics and American Policy. Victor Basiuk. Columbia University Press, New York, 1977. xviii, 410 pp., illus. \$17.50. Institute of War and Peace Studies.



Gradient Counting Without Tears

Until now, high concentrations of sucrose or CsCl in gradient samples have posed a problem in sample preparation. To obtain a stable, homogeneous sample for reliable counting, volumes have had to be so small as to require long counting time. Or the use of special purpose cocktails was necessary.

Using BIOFLUOR*, one of our standard cocktails, our LSC Applications Laboratory routinely counts sample volumes up to 500 μ l of 6M CsCl or 1ml of 30% sucrose, as clear samples at high efficiencies. In ambient counters our universal cocktail, AQUASOL-2*, provides very satisfactory results.

Let us send you LSC Applications Notes 14 (sucrose) and 18 (CsCl), by Dr. Yutaka Kobayashi and Dr. Wayne Harris. They'll take the long wait out of gradient solution counting.

NEN New England Nuclear
549 Albany Street, Boston, Mass. 02118
Customer Service 617-482-9595

NEN Chemicals GmbH: D-6072 Dreieich, W. Germany,
Daimlerstrasse 23, Postfach 401240,
Telephone: (06103) 85034, Telex: 4-17993 NEN D

NEN Canada Ltd., 2453 46th Avenue, Lachine, Que. H8T 3C9,
Telephone: 514-636-4971, Telex: 05-821808

*Trademark

Circle No. 89 on Readers' Service Card

Theory and Practice in Interpersonal Attraction. Steve Duck, Ed. Academic Press. New York, 1977. x, 438 pp. \$19.25. *To order this book circle No. 368 on Readers' Service Card.*

This Fascinating Astronomy. V. Komarov. Translated from the Russian edition (Moscow, 1972) by N. Kittell. Mir Publishers, Moscow, 1976 (U.S. distributor, Imported Publications, Chicago). 346 pp., illus. Paper, \$2.

Tissue Interactions and Development. Norman K. Wessells. Benjamin, Menlo Park, Calif., 1977. x, 276 pp., illus. Cloth, \$14.95; paper, \$9.95

Turbulence in Liquids. Proceedings of a symposium, Rolla, Mo., Sept. 1975. J. L. Zakin and G. K. Patterson, Eds. Science Press, Princeton, N.J., 1977. x, 356 pp., illus. \$22.

Ultrashort Light Pulses. Picosecond Techniques and Applications. S. L. Shapiro, Ed. Springer-Verlag, New York, 1977. xii, 390 pp., illus. \$42.70. Topics in Applied Physics, vol. 18. *To order this book circle No. 365 on Readers' Service Card.*

The Unsteady State. Environmental Problems, Growth, and Culture. Kenneth E. F. Watt, Leslie F. Molloy, C. K. Varshney, Dudley Weeks, and Soetjipto Wirosardjono. Published for the East-West Center by University Press of Hawaii, Honolulu, 1977. xii, 290 pp., illus. \$12.95. An East-West Center Book.

Venoms. Chemistry and Molecular Biology. Anthony T. Tu. Wiley-Interscience, New York, 1977. xii, 560 pp., illus. \$34.50.

The Vertebrate Body. Alfred Sherwood Romer and Thomas S. Parsons. Saunders, Philadelphia, ed. 5, 1977. viii, 624 pp., illus. \$14.95.

Vertebrates of Florida. Identification and Distribution. Henry M. Stevenson. University Presses of Florida, Gainesville, 1977. xx, 608 pp., illus. \$35. A Florida State University Book.

Water Quality. Proceedings of a forum, Washington, D.C., Sept. 1975. Frederick Coulston and Emil Mrak, Eds. Academic Press, New York, 1977. xiv, 296 pp. \$14.50. Ecotoxicology and Environmental Quality. *To order this book circle No. 366 on Readers' Service Card.*

Ways of the Six-Footed. Anna Botsford Comstock. Cornell University Press, Ithaca, 1977. xviii, 154 pp., illus. \$5.95. Reissue with a new foreword of the 1903 edition.

The Wonderful World within You. Your Inner Nutritional Environment. Roger J. Williams. Bantam, New York, 1977. xii, 240 pp., illus. Paper, \$1.95.

Working It Out. Twenty-three Women Writers, Artists, Scientists, and Scholars Talk about Their Lives and Work. Sara Ruddick and Pamela Daniels, Eds. Pantheon, New York, 1977. xxxii, 350 pp., illus. \$11.95.

Young Men and Drugs. A Nationwide Survey. John A. O'Donnell, Harwin L. Voss, Richard R. Clayton, Gerald T. Slatin, and Robin G. W. Room. National Institute on Drug Abuse, Rockville, Md., 1976 (available from the Superintendent of Documents, Washington, D.C.). xiv, 144 pp. \$2.25. National Institute on Drug Abuse Research Monograph, 5.

Zinc Metabolism. Current Aspects in Health and Disease. Proceedings of a symposium, Fort Lauderdale, Fla., Nov. 1976. George J. Brewer and Ananda S. Prasad, Eds. Liss, New York, 1977. xii, 366 pp., illus. \$26. Progress in Clinical and Biological Research, vol. 14. *To order this book circle No. 364 on Readers' Service Card.*

Coming Soon

the tool for
selecting all your
science books

Science Booklist Supplement

1970-1977



ELECTRONICS

The Continuing Revolution

Be ready to take full advantage of the electronic advances coming your way.

Retail
\$12.95 casebound
\$4.95 paperbound

AAAS members
\$11.95 casebound
\$4.45 paperbound

Send your name and address to
AAAS
Dept. D-6
1515 Massachusetts Ave., N.W.
Washington, D.C. 20005



Order your copy of the
Electronics Compendium
today.

(Please allow 6 to 8 weeks for delivery.)