

ULTRASONIC PHYSICS. By E. G. Richardson. 285 pp. Elsevier Publishing Company, Houston, Texas, 1952. \$5.00.

PRIMER OF ELECTRONICS AND RADIANT ENERGY. By Don Caverly. 343 pp. McGraw-Hill Book Company, Inc., New York, 1952. \$5.50.

RADIO ANTENNA ENGINEERING. By Edmund A. Laport. 563 pp. McGraw-Hill Book Company, Inc., New York, 1952. \$9.00.

COLOR IN BUSINESS, SCIENCE AND INDUSTRY. By Deane B. Judd. 401 pp. John Wiley and Sons, Inc., New York, 1952. \$6.50.

ULTRAVIOLET RADIATION. By Lewis R. Koller. 270 pp. John Wiley and Sons, Inc., New York City, 1952. \$6.50.

THEORY OF SUPERCONDUCTIVITY. By M. von Laue. 140 pp. Academic Press, Inc., New York, 1952. \$4.00.

THE THEORY OF RELATIVITY. By C. Møller. 386 pp. Oxford University Press, New York, 1952. \$7.00.

SYMMETRY. By Hermann Weyl. 168 pp. Princeton University Press, Princeton, New Jersey, 1952. \$3.75.

GENERAL COLLEGE PHYSICS. By E. L. Harrington. 787 pp. D. Van Nostrand Company, Inc., New York, 1952. \$6.75.

INDUSTRIAL HIGH VACUUM. By J. R. Davy. 243 pp. Pitman Publishing Corporation, New York, 1952. \$5.50.

SYMBOLIC LOGIC. By Frederic Brenton Fitch. 238 pp. The Ronald Press Company, New York, 1952. \$4.50.

WATER. By Cyril S. Fox. 148 pp. The Philosophical Library, Inc., New York, 1952. \$8.75.

BASIC KINESIOLOGY. By Fred John Lipovetz. 105 pp. Burgess Publishing Company, Minneapolis, Minnesota, 1952. \$3.75.

THE AGE OF DANGER. Major speeches on American problems. Edited by Harold F. Harding. 561 pp. Random House, New York, 1952. Paperbound \$2.45.

THEORY OF VIBRATIONS FOR ENGINEERS (Second Edition). By E. B. Cole. 334 pp. The Macmillan Company, New York, 1952. \$3.00.

ELEMENTS OF WAVE MECHANICS (New Edition). By N. F. Mott. 156 pp. Cambridge University Press, New York, 1952. \$3.75.

THE COUPLING OF NUCLEAR SURFACE OSCILLATIONS TO THE MOTION OF INDIVIDUAL NUCLEONS. By Aage Bohr. 40 pp. Ejnar Munksgaard, Copenhagen, Denmark, 1952. Kr. 5.00.

PROGRESS IN BIOPHYSICS AND BIOPHYSICAL CHEMISTRY. Volume II. Edited by J. A. V. Butler and J. T. Randall. 323 pp. Academic Press, Inc., New York, 1952. \$8.00.

MECHANICS OF VIBRATION. By Holger M. Hansen and Paul F. Chenea. 417 pp. John Wiley and Sons, Inc., New York, 1952. \$8.00.

ANALYTICAL MECHANICS FOR ENGINEERS (Fourth Edition). By Fred B. Seely and Newton E. Ensign. 443 pp. John Wiley and Sons, Inc., New York, 1952. \$5.50.

PROCEEDINGS OF THE LONDON CONFERENCE ON OPTICAL INSTRUMENTS 1950. 264 pp. John Wiley and Sons, Inc., New York, 1952. \$7.00.

MECHANICS AND PROPERTIES OF MATTER. By Reginald J. Stephenson. 371 pp. John Wiley and Sons, Inc., New York, 1952. \$6.00.

AN INTRODUCTION TO MATHEMATICAL PHYSICS. By R. A. Houstoun. 262 pp. Blackie and Son Ltd., London, England, 1952. 25s.



The Los Alamos Scientific Laboratory has announced the addition of the following physicists to its staff: **John W. Bond, Jr., John B. Cladis, Walter R. Kane, John W. McDonald, Ronald K. Smith, and Thomas M. Putnam, Jr.**

Recent additions to the staff of Rutgers University's physics department are **Herman Y. Carr** and **Ernest A. Lynton** as assistant professors and **James L. Anderson** as instructor. **Bernard Serin** has been promoted from assistant professor to associate professor.

Frederick T. Carson, physicist in the paper section of the National Bureau of Standards since 1922, retired from government service on July 31.

C. J. B. Clews has recently accepted an appointment as chairman of the physics department at the University of Western Australia, succeeding **A. D. Ross** who has retired after forty years of service on the university faculty. Dr. Clews has been the principal scientific officer at the National Physical Laboratory in Great Britain since 1948.

Paul L. Copeland, acting chairman of the physics department at Illinois Institute of Technology for the past year, has been appointed chairman.

Charles A. Culver, senior physicist for Southwest Research Institute and dean of professional development at the Essar Research Center, has been appointed chairman of the department of physics at Trinity University, San Antonio, Texas.

Wheeler P. Davey, professor of physics at Pennsylvania State College, received an Award of Merit from the American Society for Testing Materials for his outstanding service in the field of x-ray diffraction.

Harrison E. Farnsworth has joined the staff of the research division of New York University College of Engineering as director of two sponsored research projects in electron tubes. Dr. Farnsworth is on leave of absence from Brown University, where he is professor of physics and director of the Physical Electronics Laboratory, as well as director of contract research on semiconductors used for transistors.

Cyril M. Harris has been appointed director of the acoustics laboratory and associate professor in the department of electrical engineering at Columbia University. Dr. Harris is replacing **Harvey Fletcher** who has accepted an appointment at Brigham Young University in Utah as scientific advisor to the president.

Malcolm H. Hebb has been appointed manager of the general physics research department of the General Electric Research Laboratory.

Albert G. Hill, professor of physics and former director of the research laboratory of electronics at the Massachusetts Institute of Technology, has been appointed director of the Lincoln Laboratory, an electronic research project operated by MIT for the Department of Defense. Dr. Hill succeeds **F. Wheeler Loomis** who has returned to head the physics department at the University of Illinois after a leave of absence. **Jerome B. Wiesner**, professor of electrical engineering at MIT, has been named director of the research laboratory of electronics.

California Institute of Technology has announced the promotions of **Robert B. King**, physics; **Paco Lagerstrom**, aeronautics; and **Charles F. Richter**, seismology; to full professorships. **Matthew Sands** and **Ward Whaling** have been named assistant professors of physics and **Henry A. Dye**, research fellow, has been appointed instructor in physics.

Ellen Matteson Knox has joined the staff of the Office of Ordnance Research as an assistant to the director of the physical sciences division.

Serge A. Korff, professor of physics at New York University, was recently presented with the insignia of Chevalier of the Legion of Honor by Jean de Lagarde, Consul-General of France in New York. The honor was bestowed on Dr. Korff in recognition of his services in physics research and cultural relations involving France and the United States.

L. J. Laslett, professor of physics at Iowa State College and senior physicist in the Institute for Atomic Research, has received a year's leave of absence to serve as temporary head of the nuclear physics branch of the Office of Naval Research in Washington, D.C.

Axel Meyer and **R. Gordon McCarty** have accepted industrial research fellowships at Armour Research Foundation of the Illinois Institute of Technology.

Bernard L. Miller has joined the staff of St. Joseph's College in Philadelphia as associate professor of physics.

John M. Miller recently retired as deputy director of research of the ONR's Naval Research Laboratory and as superintendent of NRL's Radio I Division after a career of forty-five years in the fields of electricity and radio communications, thirty of which were with the government. **Claud E. Cleeton**, a physicist at NOL since 1936, has succeeded Dr. Miller as superintendent of Radio I Division.

Philip Miller, formerly associated with the Tennessee Valley Authority, has been appointed laboratory director for Walter Kidde Nuclear Laboratories. **W. C. Bartels**, physicist from the General Electric Company, has also joined the laboratory staff.

William F. Miller, department of physics, Purdue University, was recently awarded one of Central Scientific Company's annual Cenco scholarships for the 1952-53 academic year.

George W. Morey of the Geophysical Laboratory of the Carnegie Institution, Washington, D. C., recently has been appointed acting director of the laboratory.

Marston Morse and **John R. Kline** have been named to represent the National Academy of Sciences and the National Research Council at the International Congress of Mathematics at Salzburg, Austria, this month.

Harald H. Nielsen, chairman of the department of physics at Ohio State University, has been assigned by the Department of State to serve as science attaché at Stockholm, Sweden. The State Department has established science staffs at selected United States diplomatic missions abroad (one being in Stockholm), integrated into the normal foreign service structure of the missions to which they are attached, and responsible for providing support and information required by the Department.

O. H. Olson, of the Institute of Paper Chemistry, Appleton, Wisconsin, has joined the physics department at Armour Research Foundation of the Illinois Institute of Technology.

John S. Reitzel has joined the physics group at Arthur D. Little, Inc., research and development organization of Cambridge, Massachusetts.

George P. Thomson, formerly chairman of the physics department of Imperial College, University of London, was recently appointed Master of Corpus Christi College, Cambridge.

Albert S. Trundle, III, Duke University; **John M. Miller**, American Gas Association Laboratories; **Arthur W. Smith**, University of Texas; **Fritz N. Watson, Jr.**, Gulf Power Co.; **Finley F. Baird**, Eastern Kentucky State College; and **Paul H. Ockerman**, Connersville, Indiana High School, are physicists who have recently been appointed to the Atomic Energy installations operated by Carbide and Carbon Chemicals Co.

Arrangements have been completed by the physics department at North Carolina State College, the Atomic Energy Company of Sweden, and the University of Stockholm, for an exchange professorship during the 1952-53 academic year. **Arthur W. Waltner**, associate professor of physics at State College, left the United States in mid August to spend a year at the University of Stockholm and to do work in connection with construction of the Swedish heavy water natural uranium reactor. **Pelle Isberg** of the Swedish group will spend a year at North Carolina State where he will assist in the construction and calibration of the ten kilowatt enriched reactor being constructed at Raleigh. **Joseph Nystrom**, who for more than ten years has been associated with Professor Borelius and his solid state physics program at the University of Stockholm, will spend two years at the college as visiting lecturer in solid state physics.

George L. Weil, assistant director of the AEC's reactor development division, has resigned to become a private consultant in nuclear reactor design and engineering.

Alfred Weissler, a specialist in ultrasonics and spectroscopy, has been appointed chief of the chemistry branch of the Office of Ordnance Research chemical sciences division.