

PUBLISHING NEWS

Publishers

Francis W. Sears, chairman of the Department of Physics at Dartmouth College and a former president of the American Association of Physics Teachers, was guest of honor at a reception given on February 2 by the Addison-Wesley Publishing Company, Inc., to celebrate the sale of the one-millionth copy of a book by him. Guests of honor with Professor Sears were his several coauthors: Mark W. Zemansky of the City College of New York, M. R. Wehr and James A. Richards, Jr., of the Drexel Institute of Technology, and John F. Lee, president of the State University of New York. Melbourne W. Cummings, president of Addison-Wesley, was in charge of the ceremony, and Leonard O. Olsen of the US Naval Postgraduate School, 1960 president of the AAPT, presented to Professor Sears three specially bound volumes prepared for the occasion by Addison-Wesley.

Professor Sears' association with Addison-Wesley began in 1942 with the publication of a paperbound edition of a volume entitled *Mechanics*. This was later combined with other material and expanded to become *Mechanics, Heat, and Sound*, published in 1944. The latter work was designed as the first volume of a set for a two-year introductory physics course and appeared under the title *Principles of Physics*. The series was completed by *Electricity and Magnetism* (1946) and the previously published *Optics* (1942). The enthusiastic reception accorded the *Principles* set created a demand

for a text for a one-year course which would avoid the use of calculus. Professor Sears joined Professor Zemansky in the authorship of *College Physics* (1947), which subsequently served as the basis for another, more advanced text, Sears and Zemansky's *University Physics* (1955). In 1960 Addison-Wesley published *Physics of the Atom* by Wehr and Richards. Since there was demand for a text containing more modern physics, it was decided to bring out a volume by Richards, Wehr, Sears, and Zemansky which would be a combination of the most desirable features of *Physics of the Atom* and *University Physics*. The result was *Modern University Physics*, published in 1960. Other books by Professor Sears are *Thermodynamics, the Kinetic Theory of Gases, and Statistical Mechanics* (1950); *Mechanics, Wave Motion, and Heat* (1958); and, with Dr. Lee, *Thermodynamics* (1955).

Butterworth Inc., publishers of scientific books, have recently opened their first United States office at 7235 Wisconsin Ave., Washington 14, D. C. Butterworth titles have usually appeared in this country under the imprint of American publishers.

Collections

Lecture notes for the 1960 Brandeis Summer Institute in Theoretical Physics are now available in the form of a soft-cover volume of standard book size. Notes on the following courses of lectures are included:



At celebration to mark sale of first one million books authored by Francis W. Sears (center), he was presented with a specially bound and boxed set of his *Principles of Physics* trilogy (*Mechanics, Heat, and Sound*; *Electricity and Magnetism*; and *Optics*). At right is Leonard O. Olsen, then retiring president of the American Association of Physics Teachers. Happy publisher at left is M. W. Cummings, president of Addison-Wesley Publishing Company. (Aaron photo)

C. Møller, Selected Topics in the General Theory of Relativity; P. T. Matthews, Group Theoretic and Analytic Properties of Scattering Amplitudes; J. Schwinger, Field Theory Methods in Non-Field Theory Contexts; N. Fukuda, The Many-Body Problem; and J. J. Sakurai, Problems in Strong Interactions. This volume may be obtained for \$3.50, postpaid, from the Summer School Office, Brandeis University, Waltham 54, Mass.

Lecture notes in a similar format are still available from the 1959 Brandeis Summer Institute in Theoretical Physics. This volume comprises: F. E. Low, The Quantum Theory of Scattering; J. Schwinger, Field-Theoretic Methods; E. C. G. Sudarshan, Weak Interactions; L. N. Cooper, The Theory of Superconductivity; K. Huang, Hard-Sphere Bose Gas and Liquid Helium; and H. J. Lipkin, Collective Motion in Many-Particle Systems. The 1959 lecture notes are priced at \$3. The 1959 and 1960 lecture notes may be purchased together for \$5.50.

A collection of notes entitled *Advice to a Lecturer*, gathered from letters and notebook entries written well over a century ago by Michael Faraday at the age of 21, has recently been published by the Royal Institution of London. The ten-page pamphlet of short comments on such subjects as delivery and diction, the use of notes, duration of the lecture ("one hour is enough for anyone"), lecture demonstration techniques, etc., is available from the Secretary, Royal Institution, 21 Albemarle Street, London, W. 1, England, at a price of 2s. 6d. to be remitted with the order.

The Atomic Energy Commission has published a report entitled *Atomic Energy Research in the Life and Physical Sciences—1960*. Its 136 pages of text and 39 pages of appendices are divided about equally between reviews of the atomic-energy aspects of work in the life sciences and in the physical sciences which was carried on during the last year in various AEC laboratories. The life-sciences section covers activity in medical research and treatment techniques, biological research, and research in environmental sciences. The summaries of contributions in the physical sciences cover work conducted at AEC installations in the areas of nuclear forces, high-energy physics, metallurgy and materials, chemistry, and controlled thermonuclear reactions. The appendices include references to literature on fallout, major AEC installations, current unclassified research contracts, and an explanatory essay on elementary-particle physics. The brochure is available from the Superintendent of Documents, US Government Printing Office, Washington 25, D. C., at \$1.25 per copy.

Translations

Consultants Bureau of New York City has announced the signing of a six-year contract with Mezhdunarodnaya Kniga, the official Soviet book exporting agency, for English language rights to Soviet

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