

Personals

1922

Edward G. Kemp died of cancer on September 20 in Hermosa Beach. He was a self-employed insurance broker. An avid athletic fan, he was a tennis man as an undergraduate at Caltech. He was a member of St. Cross Episcopal Church in Hermosa Beach, where he served on the Vestry. He was also a member of Masonic Lodge 557 and of Al Malaikah Shrine Temple, and had served as Hermosa Beach City Councilman. He is survived by his wife; two sons, Edward G. II and Parker Brooke; and six grandchildren.

1925

Hugh K. Dunn, PhD, is now senior research physicist in the Communication Sciences Laboratory at the University of Michigan.

1927

Howard Starke, executive vice president of the Hawaiian Cement Corporation since 1960, has been elected president of the firm. He has a background

of 35 years in the cement industry, and served in various executive positions with the Riverside Cement Company in California prior to joining Hawaiian.

1928

L. Judd Eastman has been made head of the valuation division of the State Board of Equalization in Sacramento. His division has responsibility for setting assessed valuations on properties of the public utilities in the state. He has been a member of the division since 1935.

1931

Glenn M. Webb is now director of exploratory research in the research and development department of the American Oil Company in Whiting, Indiana. He has been with the company since 1948.

1932

Worrell F. Pruden, MS '33, and *Robert B. Freeman*, MS '33, PhD '36, have both received promotions in the engineering department of Columbia-Geneva

Steel, a division of the U.S. Steel Corporation in San Francisco. Pruden has been named director of engineering, a newly created position. He has been chief engineer since 1951. Freeman is now chief engineer. He was formerly assistant to the general manager of operations.

1935

Richard H. Jahns, PhD '43, has been made dean of the College of Mineral Industries at the Pennsylvania State University. He joined the Penn State staff in 1960 after 14 years on the faculty at Caltech, where he was professor of geology.

Louis T. Rader, MS, PhD '38, is now president of the Univac Division of Sperry Rand, the computer division of Remington Rand in New York. He has also been named a director of St. John's University in Jamaica, N.Y. Louis was formerly vice president of the International Telephone and Telegraph Company.

1936

Stuart R. Ferguson is manager of



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quality control for the Analytical and Control Division of the Consolidated Electrodynamics Corporation in Pasadena. He has been with the company since 1961.

1943

William Hovanitz, PhD, is now associate professor of zoology at Los Angeles State College. He has been on the faculty since 1959. The Hovanitzes and their three children live in Arcadia.

1944

Warren G. Schlinger, MS '46, PhD '49, is research supervisor of Texaco's Montebello Research Laboratory. He is a recent co-patentee of two U.S. patents, one which covers improvements in the treatment of hydrocarbons, and the other improvements in the separation of carbon dioxide from gaseous mixtures.

1945

Walter K. Deacon, MS, is now operations manager at the Torrance, California, plant of Vickers Inc., a division of the Sperry Rand Corporation. He has served as chief engineer there since 1958.

Hugh S. West has received a diploma in agency management from the American College of Life Underwriters — one of the top professional designations in

the insurance field. Hugh is assistant secretary in the agency department of the Connecticut General Life Insurance Company in Hartford.

Ralph S. White, Jr., is now president and director of the Pacific Electro Magnetics Company, Inc., in Palo Alto, a California supplier of "high-performance miniature general purpose instrumentation magnetic tape recorders" and related equipment.

1948

Warren Harrison is now manager of engineering and industrial sales at The Trane Company's Los Angeles sales office. He has been with the company since 1948.

1950

Leo F. Frick, AE, is now on the staff of the mechanical engineering department of the University of California's Lawrence Radiation Laboratory in Livermore. The Fricks live in Orinda with their three children.

Fernando J. Corbato is now associate professor of electrical engineering at MIT. He has also served since 1960 as associate director of the MIT Computation Center, where he has been employed since 1956. He is co-author of *Spheroidal Wave Functions*.

1951

Robert F. Connelly is now manager of the Millipore Technical Service Office for the Los Angeles area. He was formerly research chemist and sales manager of the Bray Oil Company in Los Angeles.

1952

Ronald T. McLaughlin, MS, PhD '58, is now assistant professor of civil engineering at MIT. He was formerly a research fellow at Caltech. The McLaughlins have one child, Roné-Claire.

A. J. Dessler is now professor of atmospheric and space science at the Southwest Center for Advanced Studies in Dallas, Texas.

John A. Carlson, MS, PhD '55, writes that he has joined the staff of the mechanics research division of the American Machine and Foundry Company in Niles, Illinois. He had been working as a research project supervisor at the Teletype Corporation. The Carlsons' fourth son, Clifford, was born last April 1.

1959

Harvey Hansen, junior assistant sanitary engineer with the Public Health Service in Greeley, Colorado, was married December 17, 1961, to Miss Betty Hiatt of Shenandoah, Iowa.

6 Important McGraw-Hill Publications

INTRODUCTION TO THE THEORY OF FINITE-STATE MACHINES

By **ARTHUR GILL**, University of California, Berkeley. Electronic Sciences Series. 224 pages, \$9.95.

The first book to cover the basic material on finite-state machines. The book explains the ideas and techniques underlying the theory of synchronous, deterministic, finite-state machines. Emphasis is on techniques of analysis. The material is presented in a systematic, readable fashion, with numerous illustrative examples and exercises.

AIR, SPACE, AND INSTRUMENTS: Draper Anniversary Volume

Edited by **SIDNEY LEES**. Available in January, 1963.

An anniversary volume of original contributions in honor of the sixtieth birthday of Charles Stark Draper, Director and Founder of the Instrumentation Laboratory of the Massachusetts Institute of Technology. Draper's achievements have been internationally recognized, and honors have been showered upon him from government agencies and professional societies. His work has had considerable impact on national defense policy through his innovations in the Polaris missile and nuclear submarine guidance system. The contributions in this volume were written by Draper's distinguished former students, colleagues, and friends in each of the areas where he made important advances. Many of the authors are world-authorities in their respective fields, and much of the material is unobtainable elsewhere.

INTRODUCTION TO THE UTILIZATION OF SOLAR ENERGY

By **A. M. ZAREM** and **DUANE D. ERWAY**, both of Electro-Optical Systems, Inc. Available in March, 1963.

Provides a thorough treatment of the fundamental aspects of solar utilization, and timely information on the nature and problem areas which arise in attempts to utilize solar energy by a very wide variety of means—from the basic one of obtaining heat to the more sophisticated applications in space power systems. Analytical work is presented to determine the performance capabilities of various devices, and sufficient material is included to enable the reader to analyze new or novel approaches to the utilization of solar energy as they occur in the future. Comprehensive coverage makes it ideal for the beginner or for the graduate student or practicing engineer.

MICROWAVE CIRCUIT THEORY AND ANALYSIS

By **RABINDRA N. GHOSE**, Director, Advanced Development Laboratories, Space-General Corporation. Available in January, 1963.

Book presents a comprehensive and up-to-date treatment on microwave circuit elements and circuits employing such elements. Although the book is designed to provide a course on microwave circuit theory and analyses, a large portion of the text may be helpful to professional microwave engineers who can make use of the analyses on many topics, directly or as starting points of further works. Subject of microwave circuit theory and analyses is treated exclusively in this text instead of considering the subject as a part of electromagnetic theory as is done in most texts on microwave theories.

MECHANICS OF MATERIALS

By **K. P. ARGES** and **A. E. PALMER**, both of Duke University. Available in January, 1963.

A concise and orderly text for sophomore-junior courses. The authors have attempted to derive and explain the basic principles of the subject, and to augment understanding of these principles with a generous number of example problems. The first example problem for each topic is explained in great detail, with successive example problems in progressively less detail. It is hoped that this feature will free the instructor from some of the pressure normally associated with teaching mechanics and will enable him to spend more time discussing theory and answering questions.

NONLINEAR AUTOMATIC CONTROL

By **JOHN E. GIBSON**, Purdue University. Available in February, 1963.

A graduate engineering text on the analysis and design of nonlinear automatic control systems. After a review of linear continuous systems, statistical design principles and sampled data systems, the book gives an extensive treatment of all of the analytic techniques commonly used in nonlinear control. The final two chapters are concerned with the design of optimum systems and of adaptive systems. The text should appeal both to the graduate student and the control system designer who has been away from pure theory for a number of years. This usefulness is enhanced by setting the introductory chapters at a somewhat slower pace than the remainder of the text and by introducing the application of each analytic method as near to the beginning of each chapter as possible. In general the example is used for exposition rather than the theorem-lemma-proof approach.

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