

books OF THE WEEK

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THE ANNUAL GUIDES TO GRADUATE STUDY, 1970, Book XII: Multidisciplinary Volume—Karen C. Hegener, Ed.—Peterson's Guides, 1969, 447 p., photographs, paper, \$10. Last of the 1970 Graduate Study guide books, supplements the 11 guides concerned with the different disciplines, includes complete graph of Canadian universities and program descriptions.

APPLIED GENETICS: The Technology of Inheritance—David Paterson—Doubleday, 1969, 192 p., color photographs, diagrams, \$5.95. Reviews for the layman the role of genetics in plant and animal breeding, in the treatment of inherited diseases, and human genetics in general.

THE BODY HAS A HEAD—Gustav Eckstein—Harper, 1970, 799 p., \$12.50. Intended to familiarize the reader with the functioning of his body, written in a jargon that makes for lively reading.

THE CELL CYCLE: Gene-Enzyme Interactions—G. M. Padilla, G. L. Whitson and I. L. Cameron, Eds.—Academic Press, 1969, 399 p., photomicrographs, diagrams, \$19.50. Presents an integrated series of investigations dealing with the activity, replication and gene-directed induction of enzymes as they control and interact with various phases of the cell cycle.

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THE CITY IN THE WORLD OF THE FUTURE—Hal Hellman—Evans (Lippincott), 1970, 186 p., photographs, drawings, \$4.95. Describes new technology and engineering methods, and shows how they may be applied to renovate old cities and to plan new forms of housing for urban man.

COMPARATIVE MORPHOLOGY OF HEMATOPOIETIC NEOPLASMS—Carolyn H. Lingeman and F. M. Garner, Eds.—National Cancer Institute (GPO), 1969, 365 p., micrographs, \$5.50. Monograph offers a synthesis of investigative results on neoplasms in domestic animals, laboratory animals and man.

COSMIC RAY PHYSICS: Nuclear and Astrophysical Aspects—Satio Hayakawa—Wiley-Interscience, 1969, 774 p., diagrams, \$39.50. Deals with the interactions of high-energy particles with matter, very-high-energy interactions, behavior of cosmic rays in the atmosphere and underground, extensive air showers, and origin of cosmic rays.

ECONOMICS AND URBAN PROBLEMS: Diagnoses and Prescriptions—Dick Netzer—Basic Bks., 1970, 213 p., \$5.95. Examines a number of the most serious urban problems from the standpoint of an urban economist, considering policy options and the means of financing government activities related to urban problems.

ELASTICITY IN ENGINEERING—Ernest E. Sechler—Dover, 1969, 419 p., diagrams, paper, \$3.50. Unabridged reprint of 1952 edition, for engineers working in all fields of structural analysis.

EUROPEAN ADVANCED TECHNOLOGY: A Programme for Integration—Christopher Layton—Allen & Unwin (Humanities Press), 293 p., \$6. Analyzes the nature of U.S. predominance in science and technology, then proceeds to outline a program of action for Europe's response; shows how European cooperation in certain sectors is working, and discusses the possibilities for industrial cooperation and European companies.

EVOLUTION AND THE GENETICS OF POPULATIONS, Vol. 2: The Theory of Gene Frequencies—Sewall Wright—Univ. of Chicago Press, 1970, 511 p., diagrams, \$15. This second of three-volume treatise presents the author's mathematical theory of genotypic change in populations, working out consequences of various kinds of selection for different degrees of dominance, and diverse patterns of factor interaction.

FAST BURST REACTORS—Robert L. Long and Paul D. O'Brien, Eds.—U.S. AEC (CONF-690102) CFSTI, 1969, 646 p., photographs, drawings, paper, \$3. Combines in one document the history and development of burst reactors at seven domestic operations, at the VIPER in England and the IBR in Russia.

IMMUNOLOGICAL TOLERANCE: A Reassessment of Mechanisms of the Immune Response—Maurice Landy and Werner Braun, Eds.—Academic Press, 1969, 352 p., illus., \$7.50. Conference discussion of the properties of antigens and antigen dosage in relation to responsiveness and non-responsiveness, cell populations involved, nature and regulation of lymphocytes, and other considerations of immunologic response

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