

PUBLIC HEALTH SERVICE GRANTS AND AWARDS. Fiscal Year 1965 Funds, Part I: Research Projects—NIH Div. of Research Grants—GPO, 672 p., paper, \$1.75. Tabulated data on the nature, distribution and individual amounts of 16,372 PHS research grants.

RANDOM-PROCESS SIMULATION AND MEASUREMENTS—Granino A. Korn—McGraw, 234 p., illus., \$12.50. Describes modern techniques utilizing analog, digital and hybrid analog-digital computers for random-process studies.

REACTOR TECHNOLOGY: Selected Reviews, 1965—Leonard E. Link, Ed.—USAEC (CFSTI), 439 p., illus., paper, \$4.50. Articles deal with physics of heavy-water lattices, remote fabrication of reactor fuels, radioactive waste management, radioactive materials transport and sodium technology.

READER'S DIGEST ALMANAC 1966—Reader's Digest Assn. (Little, Brown), 1023 p., photographs, maps, \$2.50. Hard-cover edition of modern almanac, includes review of main world events in 1965, and lists facts, figures and dates for quick reference in many fields of interest, fully indexed.

REFERENCE BOOKS: A Brief Guide for Students and Other Users of the Library—Mary Neil Barton with Marion V. Bell—Enoch Pratt Free Lib., 6th ed., 145 p., illus., paper, \$1.25. Describes 731 titles, fully revised and updated, of both general and special subject reference works.

REMOTE HANDLING OF MOBILE NUCLEAR SYSTEMS—D. C. Layman and G. Thornton—USAEC Div. of Technical Inf. (CFSTI, TID-21719), 649 p., illus., paper, \$4.50. Presents the technology developed for the remote handling of direct-air-cycle nuclear turbojet engines.

REPORTS ON HAPPINESS: A Pilot Study of Behavior Related to Mental Health—Norman M. Bradburn and David Caplovitz—Aldine Pub. Co., 195 p., \$5. An attempt to see how self-assessments of happiness are distributed throughout the social groupings of the American population, and how the level of happiness varies.

SALLY'S CATERPILLAR: A True Story—Anne Rockwell—Parents' Magazine Press, unpagged, illus., by Harlow Rockwell, \$2.95. For the youngest readers.

SMALL CREATURES IN MY GARDEN—Christopher Reynolds—Farrar, Straus, 112 p., illus. by author, \$2.95. Naturalist's explorations of the habits of daddy longlegs, spiders, slugs and similar tiny living things that crawl about a garden, for children.

THE SOCIETY OF MAN—Louis J. Halle—Harper, 203 p., \$4.95. Examines the conflict between the orderly conceptual world and the chaotic existential world, illustrates the consequences of an excessive divergence and the impact of the reciprocal action between the two worlds.

SOVIET LOCAL AND REPUBLIC ELECTIONS—Max E. Mote—Hoover Institution, 123 p., paper, \$2.50. A description of the 1963 elections in Leningrad based on official documents, press accounts and private interviews.

SPACE NUCLEAR POWER GENERATORS: Hearings before Joint Committee on Atomic Energy, U.S. Congress—GPO, 277 p., illus., paper, \$1. Testimony concerning the present status of the AEC's SNAP program for space applications and DOD's and NASA's plans for utilization of isotopic and reactor space electric power systems.

SPINNING TOPS—Larry Kettelkamp—Morrow, 64 p., illus. by author, \$2.95. About tops and cones, yo-yos, diabolos, spinning games and gyros.

STRANGE COMPANIONS IN NATURE—Olive L. Earle—Morrow, 64 p., illus. by author, \$2.95. Tells boys and girls about partnerships between different species of animals.

SURFACE INTERACTIONS BETWEEN METALS AND GASES—V. I. Arkharov and K. M. Gorbunova, Eds., transl. from Russian—Consultants, 163 p., diagrams, paper, \$25. Collection of papers on important aspects of the oxidation of metals and alloys in gaseous media.

THIRTY YEARS THAT SHOOK PHYSICS: The Story of Quantum Theory—George Gamow—Doubleday, 224 p., photographs, illus. by author, \$5.95. Professional recollections of a theoretical physicist, includes an amusing translation of a spoofy physics version of Faust originally produced at Niels Bohr's Institute of Theoretical Physics in 1932.

UNDERSTANDING AUTOMATION: A Data Processing Curriculum Guide and Reference Text—Enoch Haga—Business Press, 437 p., illus., \$12.50. Explains the principles of automation, gives outlines for high school and college data processing courses, and the workshop and business games approach to teaching automation.

A PROLOGUE TO POPULATION GEOGRAPHY—Wilbur Zelinsky—Prentice-Hall, 150 p.,

illus., paper, \$1.95. Explores ideas and methods for mapping populations, their growth, diffusion and distribution throughout the world.

PSYCHIATRIC RESEARCH IN THE VETERANS ADMINISTRATION—VA Research Service, Edward Dunner, Dir.—VA (GPO), 32 p., illus., paper, 25c. Reports on VA cooperative studies in psychiatry, neurobiochemical research, internal components of the conditional reflex, and blood clues in schizophrenia.

PSYCHOPHYSIOLOGICAL ASPECTS OF CANCER—Claus B. Bahnsen and David M. Kissen, Eds.—N.Y. Acad. of Sciences, Annals, Vol. 125, Art. 3, 282 p., illus., paper, \$6. Papers deal with psychosomatic aspects, relationship between cancer and personality and other psychological influences on cancer.

RECENT DEVELOPMENTS IN VISION RESEARCH—Milton A. Whitcomb, Ed.—NAS-NRC, 227 p., illus., paper, \$4. On recent advances in the study of physiological reflex mechanisms in vision and effects of drugs on vision.

WATCH YOUR LANGUAGE—Theodore M. Bernstein—Pocket Bks., 213 p., paper, 75c. Reprint (1958).

WE ARE NOT ALONE: The Search for Intelligent Life on Other Worlds—Walter Sullivan—McGraw, rev. ed., 325 p., illus., \$7.50. New edition takes into account the interpretations of the Mariner IV photographs of the planet Mars.

THE WORLD OF FLOWERS—Herbert Reissig, Ed.—Viking Press, 240 p., photographs partly in color, illus., \$12.50. A pictorial record with descriptions of some of the world's more exotic flora, with essays by international botanists.

THE YEAR OF THE GORILLA—George B. Schaller—Univ. of Chicago Press, 260 p., photographs and illus. by author, paper, \$1.95. New paper edition of book first published in 1964.

• *Science News*, 89:204 March 26, 1966

METEOROLOGY

Tornado Season Peak Reached in Spring

➤ MORE than half the tornadoes that strike in the United States funnel down in April, May and June. Most occur between noon and midnight, the most dangerous of those hours being between four and six.

Alerts are an important part of the U.S. Weather Bureau's battle against the devastating tornado. Plans to greatly increase and improve the methods by which the public is warned of probable or possible natural disasters were reported in Washington, D.C., by Secretary of Commerce John T. Connor.

An appropriation of seven million dollars for the upcoming fiscal year has been requested for the Natural Disaster Warning System, which would include alerts not only for tornadoes, but also for hurricanes, tidal waves, floods, blizzards and other hazards.

When fully operational, the system will reach hundreds of communities that have not previously had adequate warning service.

Though continual research has boosted the accuracy of the tornado warning system since it was established some 12 years ago, the terrifying twisters kill scores of persons and cause millions of dollars worth of damage each year.

The proposed Natural Disaster Warning System, dubbed NADWARN, would provide around-the-clock weather alerts, mainly through radio, television and newspapers. Especially earmarked for improved detection and communications systems are the tornado-prone areas of the Midwest and East.

• *Science News*, 89:205 March 26, 1966

TECHNOLOGY

Dial-a-Book Library At Dutch University

➤ A LIBRARY from which a student can select any of 120,000 books by simply dialing a number is now in use in the technical university of Delft in Holland. It is the first of its kind in the world, taking two years to establish.

Six dials are situated in the catalogue area. When the student dials the number of the book he wants, a lamp lights up over the relevant rack as an indication to the attendant, and the book number appears on a digital indicator.

If the book is available the attendant places it in a chute which delivers it to the loan desk. At the same time he presses a button and a punch tape recorder registers the book number for loan. If the book is not available this is indicated to the loan desk.

The system, which cost less than \$3,000, has shortened the time it takes to find a book from 40 minutes to an average of 16 seconds.

• *Science News*, 89:205 March 26, 1966

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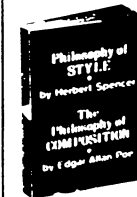
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