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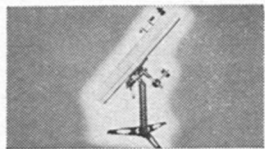
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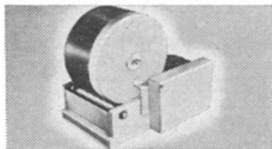
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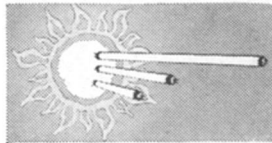
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INVENTION, GROWTH AND WELFARE: A Theoretical Treatment of Technological Change—William D. Nordhaus—M.I.T. Press, 1969, 168 p., diagrams, \$10. Explores some of the problems raised by the economics of technology. With mathematical treatment concentrated in appendixes, the book deals non-technically with the nature and application of invention and with its optimal rate and effects.

LASERS AND HOLOGRAPHY: An Introduction to Coherent Optics—Winston E. Kock—Doubleday, 1969, 103 p., 34 plates, diagrams, \$4.50. Paper, \$1.25. Explains the wave concepts, including coherence, diffraction and interference, that underlie the three-dimensional new photography, and discusses the unique properties of holography.

MEN OF SCIENCE: L. D. LANDAU, Vol. 2: Thermodynamics, Plasma Physics, and Quantum Mechanics—D. Ter Haar—Pergamon Press, 1969, 198 p., photograph, \$5.50; flexi-cover, \$3.25. Selected readings of original papers.

MOLECULAR PROCESSES ON SOLID SURFACES: Edmund Drauglis, Ronald D. Gretz and Robert I. Jaffee, Eds.—McGraw-Hill, 651 p., illus., \$37.50. Proceedings of Battelle Institute Materials Science Colloquium (Germany, 1968), on such topics as characterization and structure, electronic interactions, adsorption, nucleation and growth, and macroscopic effects.

NUMBER WORDS AND NUMBER SYMBOLS: A Cultural History of Numbers—Karl Menninger, transl. from German (1958 rev. ed.) by Paul Broneer—M.I.T. Press, 1969, 480 p., 300 illus., \$15. A scholarly exploration of the origins of numerals the world over, of the words that describe them and systems of counting and computing throughout recorded history, with contributions from ethnology and ethnography illustrating the creative diversity of man and peoples.

OPUS 100: Isaac Asimov—Houghton Mifflin, 318 p., \$5.95. Autobiographical notes introduce selections from the author's first 99 works in this his hundredth book written in 25 years.

PHYSICS OF ICE: Proceedings of the International Symposium, Munich, 1968—Nikolaus Riehl, Bernhard Bullemer and Hermann Engelhardt, Eds.—Plenum Press, 1969, 642 p., illus., \$25. Topics discussed in detail include the extremely high mobility of protons transferred by way of hydrogen bonds, the quasi-liquid state of the ice surface, dielectric properties, and indications for ferroelectric behavior.

SIR HUMPHRY DAVY'S PUBLISHED WORKS: June Z. Fullmer—Harvard Univ. Press, 1969, 112 p., \$6.50. Annotated bibliography of the early 19th century scholar's chemical and philosophical writings that appeared during his lifetime and posthumously. Interesting for tracing the diffusion of scientific news among the international scientific community of that time.

