photographing star trails, moon, sun, meteors and rockets with readily available photographic equipment.

PHYSICS FOR EVERYBODY--Germaine and Arthur Beiser, foreword by Henry A. Barton—Dutton, rev. ed., 191 p., illus., paper, \$1.15. Uncomplicated introduction to the basic laws and forces in physics, written for the general

Russian-English Dictionary of TIONAL, TACTICAL AND GENERAL MILITARY
TERMS—N. N. Shkodunovich, Ed., transl. from
Russian by U. S. Army—OTS, 359 p., paper,
\$5. Defines 1,500 Russian operational, tactical and other military terms and concepts, originally published by the USSR Ministry of Defense for Soviet officers.

THE SCIENCE DOCTORATES OF 1958 AND 1959: Their Numbers, Characteristics and Employment—National Academy of Sciences-National Research Council—National Science Foundation (GPO), 28 p., paper, 25¢.

Scientific Progress, the Universities and THE FEDERAL GOVERNMENT—President's Science Advisory Committee, G. B. Kistiakowsky, Chmn.—White House (GPO), 33 p., paper, 15¢. Presents specific conclusions and recommendations.

SOLID STATE PHYSICS; Advances in Research and Application, Vol. II—Frederick Seitz and David Turnbull, Eds.—Academic, 438 p., illus., \$12.50. Articles on semiconductor behavior, physics at high pressure and cyclotron resonance.

Specification and Engineering Writer's Manual — Thomas S. Sawyer — Nelson-Hall, 231 p., \$6.95. Describes how to write properly prepared specifications and engineering documents.

STRUCTURE AND FUNCTION OF MUSCLE, Vol.: Biochemistry and Physiology. Vol. III: II: Biochemistry and Physiology. Vol. III: Pharmacology and Disease.—G. H. Bourne, Ed.—Academic, 593 p., 489 p., illus., \$16.50, \$15.00. Encyclopedic reference work concerning all aspects of muscle, skeletal muscle in particular. Includes comprehensive bibliographies.

Stuttering and What You Can Do About IT-Wendell Johnson-Univ. of Minn. Press, 208 p., \$3.95. Offers guidance, based on laboratory research, clinical observation and personal experience, to parents, teachers, doctors, friends and relatives of those who stutter.

Tables and Nomograms of Hydrochemical ANALYSIS—I. Yu. Sokolov, transl. from Russian—Consultants Bureau, 85 p., paper, \$4.35. Tables for converting water analysis from one form to another.

Thought Reform and the Psychology of Totalism: A Study of "Brainwashing" in China—Robert Jay Lifton—Norton, 510 p., \$6.95. A psychiatrist's objective analysis and psychological evaluation of the process of "thought reform" applied to Western prisoners and Chinese intellectuals; based upon research conducted in Hong Kong in 1954-55.

Toxicology: Mechanisms and Analytical Methods, Vol. I—C. P. Stewart and A. Stolman, Eds.—Academic, 774 p., \$22. Comprehensive reports on the many advances made in the methods of securing toxicological analyses.

Translation of Soviet Article Urging PERMANENT SUSPENSION OF NUCLEAR TESTING-Ye. K. Federov-OTS, 9 p., 50¢. Soviet view on criteria for detection of nuclear explosions as discussed at conferences of experts late in 1959.

Trees, Shrubs and Woody Vines of the Southwest-Robert A. Vines-Univ. of Texas Press, 1104 p., illus. by Sarah Kahlden Arendale, \$25. Describes 1231 species covering plant habitats ranging from the subtropical lower Gulf Coast through temperate environ-ments to the mountain areas of the West, enhanced by more than 1200 detailed botanical

Tubes and Circuits-George J. Christ-Gernsback, 192 p., illus., \$5; paper \$3.45. Explains theory and basic components for the technician.

12 PIONEERS OF SCIENCE—Harry Sootin— Vanguard, 254 p., illus., \$3. Biographical profiles for young people, explaining the significance of the work of such scientists as Pascal, Volta, Darwin, Hertz and Becquerel.

Ultrasonics and Its Industrial Applica-TIONS—O. I. Babikov, transl. from Russian— Consultants Bureau, 224 p., illus., \$9.75. Discusses generation and application of ultrasound in mechanical engineering and chemistry, metallurgy and medicine, in light industry, agriculture and power engineering.

THE UNION PACIFIC RAILROAD: A Case in Premature Enterprise—Robert William Fogel— Johns Hopkins Press, 138 p., \$3.50. Documented analytical examination of the political and institutional factors that influenced the construction of the first Pacific railroad.

WATER AND ITS RELATION TO SOILS AND CROPS—M. B. Russell, Coordinator—Academic, 131 p., illus., paper, \$4. Reprinted from Advances in Agronomy, Vol. II. Definitive and critical statement of present knowledge in the

Welfare in America—Vaughn Davis Bornet —Univ. of Okla. Press, 319 p., \$4.95. Analytical examination of public and private welfare instrumentalities and the techniques employed

• Science News Letter, 79:28 January 14, 1961

SURGERY

Plastic Surgery Helps **Morale of Worriers**

➤ A MAN WORRIED over his bat-ears and a girl concerned over her undeveloped breasts were made normal by plastic surgery, it is reported in the British Medical Journal, Dec. 17, 1960. Both had been diagnosed as mentally ill.

Drs. David Stafford-Clark and Patrick Clarkson of Guy's Hospital, London, collaborated on research concerning the "surgery of appearance." They found that patients should be carefully selected for operations involving combined plastic psychiatric treatment.

Plastic surgeons and psychiatrists share a joint awareness, the scientists said, of the close relationship linking "facial appearance, bodily proportion, and the overall function and structure of human beings to their morale and personal identification."

The scientists emphasized that combined psychiatric and surgical appraisal must be made of cases applying for plastic surgery. Surgery should never be undertaken for psychotic patients during periods of acute upsets. Three factors should be considered:

1. The degree of reasonable success to be expected from a technical standpoint.

2. The extent to which the patient is capable of a realistic appreciation of the risks, and is affected by the state he is in.

3. The patients' capacity to tolerate failure of plastic surgery, as assessed by psychiatric examination and rapport.

Both suicidal attempts and assaults on the plastic surgeon have occurred after plastic operations that are unsatisfactory.

• Science News Letter, 79:29 January 14, 1961

YOUR SKIN AND ITS CARE

By H. T. Behrman, M. D., and O. L. Levin, M. D.

Two dermatologists give you the up-to-date scientific facts. They tell you in detail exactly what to do to beautify and improve your skin, how to avoid or correct skin disorders; and how to deal with many skin problems as: Daily care of the face—allergles—costenties—pimples—blackheads—acne—whiteheads—cysts—boils—oily skin—dry skin—chapping—poison ivy—cold sores—hives—superfluous hair—ringworm—moles—birthmarks—scars—warts—tumors—skin cancer—excessive sweating—etc., etc.

"The type of book to which the physician can refer his patients." — Journal of the American Medical Association.

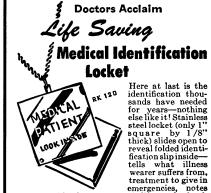
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