Computer Science Books

Modern Programming: FORTRAN IV

Henry Mullish New York University

Explains by example and by description the basic concepts involved in submitting problems written in the FORTRAN IV language. A knowledge of neither FORTRAN I nor FORTRAN II is assumed. To those with a scientific background, FORTRAN should present no difficulty since it resembles the grammar and syntax of the English language. Review sections and exercises are found throughout the text. 1968 132pp. paper \$3.75

The Computer Programmer's Dictionary and Handbook

Donald D. Spencer, Abacus Computer Corporation

This reference text is useful to all programmers in all areas of computer science. The dictionary contains approximately 1100 entries. This compilation is allinclusive enough to serve as a supplementary handbook for courses in programming. It also contains many topical, historical and informative entries which do not appear in other compilations. The appendices are extremely helpful to the working programmer. 1968 244pp. paper \$3.7*5*

Blaisdell Publishing Company

a division of Ginn and Company

275 Wyman Street Waltham, Massachusetts 02154

TIMS OF THE WEEK

Listing is for readers' information of new 16mm and 8mm films on science, engineering, medicine and agriculture for professional, student and general audiences. For further information on purchase, rental or free loan, write to distributor.

THE CHROMOSOMES OF MAN, 16mm, b&w sound, 20 min. Demonstrating advances in chromosome research, photomicrography is used to show chromosomes splitting during cell division and abnormal chromosome arrangements. Audience: high school. Purchase \$135 from Encyclopedia Britannica Educational Corp., 425 N. Michigan Ave., Chicago, Ill. 60611.

STORY OF THE GOLDFISH. 16mm, color, sound, 18 min. The most common of the over 100 varieties of the goldfish are identified. Explains how goldfish use their fins in swimming, the proper feeding of goldfish in home aquariums, and the identification of male and female goldfish. Procedures used in commercial fisheries for mating goldfish and the spawning of young are demonstrated. Microscopic views show the development of the parts of the goldfish as the eggs mature. Color adaptations and normal color changes during maturation are described. Audience: elementary, junior high. Purchase \$200 from Fleetwood Films, 34 Macquesten Parkway S., Mount Vernon, N.Y. 10550.

S., Mount Verion, N. I. 10530.

SURVIVAL OF THE KIT FOX: A CONSERVA-TION CASE STUDY. 16mm, color, sound, 15 min. The female kit fox is seen during all four seasons as she struggles to gather and store food, defend her young and compete with other species in the rugged environment of the Colorado prairie. The animal is doomed to extinction because of the widespread use of insecticides, and the film raises the problem of how man can alter nature without, at the same time, threatening his own well-being. Audience: intermediate and high school levels. Purchase \$150 from Journal Films, 909 W. Diversey Parkway, Chicago, Ill. 60614.

LETTERS

to the editor

Hearing aids

In the proposal suggested by Colston Warne, president of Consumers Union, that legislation should be enacted to force the VA to make a public disclosure of its hearing aid evaluation data (SN: 10/12/68, p. 360), it should be understood that data available in this area would not be in the best interest of the consumer since the criteria of good engineering design alone do not affect the suitability of a particular aid for a particular person's hearing loss.

A rating list of hearing aids would presuppose that the hearing loss is of secondary importance and noncontributory in the selection of a certain hearing aid. The consumer must be enlightened to the fact that there is no one hearing aid regardless of model, size, cost or VA rating that will be the preferred choice in all types of hearing losses. The selection of a hearing aid should not be

(See p. 86)

SCIENCE NEWS

Copyright © 1969 by Science Service, Inc. Republication of any portion of SCIENCE NEWS is strictly prohibited.

Subscription rate: 1 yr., \$7.50; 2 yrs., \$13.50; 3 yrs., \$19.50. Special trial offer: 39 weeks, \$3.97. Single copy, 25 cents. No charge for foreign postage. Change of address: Three weeks' notice is required. Please state exactly how magazine is addressed. Include zip code.

Printed in U.S.A. Second class postage paid at Washington, D. C. Established as Science News Letter® in mimeograph form March 13, 1922. Title registered as trademark U. S. and Canadian Patent Offices. Indexed in Reader's Guide to Periodical Literature, Abridged Guide and the Engineering Index. Member of Audit Bureau of Circulation. UNSOLICITED MANUSCRIPTS will not be returned unless accompanied by a stamped, self-addressed envelope.

Published every Saturday by SCIENCE SERVICE, Inc., 1719 N St., N.W., Washington, D. C. 20036. NOrth 7-2255. Cable Address: SCIENSERV.

ADVERTISING

L. D. Young, Advertising Director, SCIENCE NEWS, 1719 N St., N.W., Washington, D. C. 20036, Phone 202-667-8945.

Advertising Representatives: SCRIPPS-HOWARD NEWSPAPERS. General Advertising Department: 200 Park Ave., New York, N.Y., TN 7-5000; 400 N. Michigan Ave., Chicago, Ill., SU 7-3355; Suite 211, Braniff Building, Dallas, Tex., PL 7-3847; 908 E. Northland Tower, Southfield, Mich., 444-4595; 6363 Wilshire Blvd., Los Angeles, Calif., OL 3-0026; Room 1522, Philadelphia National Bank Building, Philadelphia, Pa., LO 3-6275; 100 California St., San Francisco, Calif., 989-5570; Suite 417, 3384 Peachtree Rd., N.E., Atlanta, Ga. 261-1571.

We're Sorry

Our advertising appearing in most copies of the December 28, 1968 issue, contained a free drawing . . . with an incorrect ending date. The correct ending date should be March 15, 1969. All entries received by this date, will be included in the Sweepstakes drawings.

Encyclopaedia Britannica, Inc.

Dept. 951-X

425 North Michigan Avenue

Chicago, Illinois 60611

84/science news/vol. 95/25 january 1969

Study meteorology in nature's weather laboratory.

Located at Center Harbor, New Hampshire, Belknap College is in the midst of lakes and mountains where there's a lot of weather to learn by.

You'll do research in cooperation with Mt. Washington Observatory as part of your program. You'll also go on field study trips on top of some of the stormiest mountains in the country. And you'll receive a B.S. degree in Meteorology ready for an interesting future. Your career in meteorology can be with the U.S. Weather Bureau, the Armed Services, airlines and private industry. Or, you may decide to go on with graduate studies.

Belknap will prepare you to join one of the most exciting and fastest growing fields of science. Meteorology. For information on Belknap, write:

BELKNAP COLLEGE

Center Harbor, N.H. 03226



dependent on a VA list or any designed rating list. The hard of hearing person should seek the service of an otolaryngologist and an audiologist in order to find out whether a hearing aid is indicated. A certified audiologist is the person with the training which qualifies him to recommend a hearing aid which is best suited to a particular individual's hearing loss.

Such an audiologist can be found by consulting the directory of the American Speech and Hearing Association or by writing to the association at 9030 Old Georgetown Road, Washington, D.C. 20014.

Donald B. Kamerer, M.D. Department of Otolaryngology School of Medicine University of Pittsburgh

> Roger M. Angelelli, M.S. Department of Audiology Speech and Psychology Mercy Hospital

Marjorie J. Shriro, M.A. Speech pathologist Department of Speech University of Pittsburgh

Rabies

I doubt that 30,000 people a year in Mexico develop rabies, as stated by Emil Zubryn in Science News Vol. 94, 28 December 1968. My doubts were increased by the final paragraph in which he stated that a very high percentage of cases was fatal. It is well established that no human has survived rabies.

> James W. Bagby, M.D. Clayton, Missouri

Anomalous water

In connection with the interesting article on the existence of a modified form of water (SN: 12/21/68, p. 615), I would call your attention to a semitechnical exposition by B. V. Deryagin and N. V. Chirrayev "Do We Know Water" which appeared in PRIRODA No. 4 (1968) pp. 16-22. An English translation "Phenomena of Anomalous Water Described" was prepared by the Joint Publications Research Service (No. 45989, 25 July 1968) and is available from NASA as N68-31510.

William Squire, professor College of Engineering West Virginia University Morgantown, W. Va.

Address communications to Editor, Science News, 1719 N Street, N.W. Washington, D. C. 20036



GRADWOHL

School of Laboratory Technique

Be a medical lab technician: Big demand, good salaries. One-year course for H.S. grads. Enter monthly. Co-ed Internationally known. M.D. supervised. G.I. approved. Placement service. Catalog:

Stanley Reitman, M.D., 3528 Lucas Ave., St. Louis, Mo. 63103

MEET THE HEAVENS!-

LUNAR MAP: 10" chart in 2 colors identifies 326 mountains, seas, craters. 25 cents POPULAR STAR ATLAS: All stars to magnitude 5½ charted in book form.

Write for new free catalogue N. SKY AND TELESCOPE Cambridge, Mass.

LEARN MODERN MATH!

Stumped by references to cybernetics, game theory? Confused by relativity? Brilliant new book by remarkable expositer makes these & other imoy remarkatie expositer makes these & other important new fields crystal-clear to laymen, students. "Great Ideas of Modern Mathematics." J. Singh. 213pp. \$1.75 + 10¢ postage. Moneyback guarantee. Dept. SNL, Dover, 180 Varick St., New York, N.Y. 10014



SEE MIRACLE OF BIRTH

\$4.8 POST PAID WITH
\$1.5 QUAIL EGGS

You get the new clear plastic dome CHICK-BATOR with 6 Bobwhite Quail Eggs (available year-round) and Egg Hatchers Guide Book. Complete — nothing else to buy. Send check or Money Order today

G.Q.F. MFG. CO., DEPT. CL, BOX 152, SAVANNAH, GA.

THORS WANTED BY **NEW YORK PUBLISHER**

Your book can be published, promoted, distributed by a reliable company on a subsidized basis. Fiction, non-fiction, poetry, scholarly, science and even controversial manuscripts with basis. Fiction, non-fiction, poetry, scholarly, entific and even controversial manuscripts w comed. For Free Booklet write Vantage Pre Dept. 18, 120 W. 31 St., New York 10001.

GET ELECTRONICS

V.T.I. training leads to success as technicians, leid engineers, specialists in communications, guided missiles, computers, radar, automation. Basic & advanced courses. Electronic Technology curricula both available. Assoc. in 29 most both available. Assoc. in 29 most B.S. obtainable. Start February, September. Dorms, campus. High School graduate or equivalent.





