

came research manager having the responsibility of investigating new information storage material.

Malcolm M. Burleson, a principal and founder of Burleson Associates, Inc., a communications consulting service located at 5151 Wisconsin Ave., N.W., Washington, DC 20016, has joined NEC America as Eastern Regional RF Sales Manager for the Broadcast Transmitter Division. Before forming Burleson Associates in 1971 he was Corporate Vice-President, Engineering, for Metromedia, Inc. In his new post he will be responsible for marketing research, contacts with governmental organizations, and direct customer contact.

Fred E. Scott, Jr., has been appointed Director of VTR Engineering for Hitachi Denshi America, Ltd. He was formerly Senior Engineer for 1-in VTR for Sony Broadcast. In his new post he will have the responsibility of establishing a National Engineering and Support Organization and Training Center.

Dr. Norman F. Ramsey, Higgins Professor of Physics at Harvard University, has been elected Chairman of the Governing Board of the American Institute of Physics. He succeeds Dr. Philip Morse, of the Massachusetts Institute of Technology, who has been Chairman for the last five years.

Books, Booklets, Brochures

Microphones, Professional and Semiprofessional by Gerhart Boré of Georg Neumann GmbH Berlin has been translated from the German into English by Stephen F. Temmer, President of Gotham Audio Corp., 741 Washington St., New York, NY 10014. It is a 74-page softbound booklet which contains descriptions of the various types of microphones and the characteristics of the most important types. The booklet contains 45 illustrations including photographs and diagrams. Also included is a glossary of terms used for designating microphone characteristics and a bibliography. The booklet is available from Gotham Audio Corp. at a price of \$1.00.

Large screen television projectors are described in an illustrated brochure available from General Electric Co., Video Display Equipment Operation, Electronics Park, Bldg. 6, Room 205, P.O. Box 4840, Syracuse, NY 13221. Complete technical specifications are listed. The brochure also contains a chart for comparing the basic specifications of 15 new high brightness models. The minimum modulated television light output has been increased to 500 lm for color projectors and to 2000 lm for black-and-white projectors.

Slow scan television systems for image communication over audio circuits are described in a 6-page folder available upon request from Colorado Video, Box 928, Boulder, CO 80306. The folder is illustrated with photographs, diagrams, and tables showing transmission requirements over ordinary or dedicated telephone lines, FM subcarrier channels, or satellite links. Engineering specifications for each system are listed. Also

available are four application brochures which provide information on slow scan television's contribution to telemedicine, teleconferencing, business communications, and UPI's *Newstime* service, the first slow scan programming, now broadcasting news 24 hours a day to cable television operators.

The DS 30 Digital Video Processor is described in an illustrated data sheet available from Quantex Corp., 252 N. Wolfe Rd., Sunnyvale, CA 94086. The data sheet illustrates features, such as four differencing modes (offset, absolute value, and positive and negative differences), an expanded microprocessor-based autosequencer with editing, countouring, and windowing to threshold, and one dimensional linear filtering for edge enhancement and shading compensation. The data sheet also provides illustrations of noise reduction by summing or averaging frames, transient image capture (events as short as 50 ps in duration), and gray scale "stretching" using the nonlinear output transform.

The Power Semiconductor User's Manual and Data Book, a 608-page reference guide, is available from Westinghouse Electric Corp., Semiconductor Div., Youngwood, PA 15697, at a price of \$13.50 (\$15 outside the U.S.). The book contains extensive product information, including application data, performance characteristics, sinusoidal and trapezoidal waveform current rating, and pulse loss curves and dimensional drawings. Also included are a quick-service directory and a product cross-reference index to aid the user in matching device and application.

Oscilloscopes, function generators, and video generators are among the products illustrated and described in a 40-page catalog available upon request from Leader Instruments Corp., 380 Oser Ave., Hauppauge, L.I., NY 11787. The new catalog details features, specifications, and applications of more than 50 test instruments in addition to a large selection of probes and other test accessories. Products described in the catalog include frequency counters, audio test instruments, video generators, RF test instruments, transistor checkers, and a CATV field strength meter.

CCTV access control and surveillance products are described and illustrated in a 20-page catalog available upon request from Visual Methods Inc., 35 Charles St., Westwood, NJ 07675. Included are the VMI Twinguard, pinhole and wide angle surveillance lenses, television housings, and special application items. The catalog includes specifications for each item, drawings, photographs, and a brief description.

The 1980 edition of the Cohu's short form catalog is available upon request from Cohu, Inc., Electronics Div., Box 623, San Diego, CA 92112. The 16-page catalog describes and illustrates Cohu's current line of closed circuit television products. Included are environmental, standard and low light cameras, color cameras, monochrome monitors, and processing and accessory equipment. With optional factory-installed connectors, the 2800C series of self-contained cameras can operate in water 60 ft deep.

The Use of Media-Based Materials by Professional Societies in Continuing Education,

the Proceedings of a conference held 28-29 September 1978, is now available from the Georgia Institute of Technology, Atlanta, GA 30332. The book contains 20 papers, among them, "Technology and Society: It's Time to Wake Up to the Problems"; "The Significance of the Optical Videodisk to Education"; "A Practical Approach to Media-Based Engineering Education"; "Determining Continuing Education Needs in an R & D Organization"; "Lifelong Learning Through Regional Telecommunications" and others of similar interest. The book is priced at \$15.

Imagine a World Without: Film and Video Training Programs is a brochure published by the Training Media Distributors Association (TDMA) dealing with film piracy. The brochure describes the destructive results of film piracy and explains current copyright and licensing procedures for training film users. Copies of the brochure are available from TDMA, 1258 N. Highland Ave., Suite 102, Los Angeles, CA 90038, at a price of 10 cents a copy. The minimum order is \$10. A sample copy is available for 50 cents.

Careers in the Electronic Industry, an informative new booklet, is available upon request (individual copy) with a stamped, self addressed envelope from the International Society of Certified Electronics Technicians, 2708 W. Berry St., Fort Worth, TX 76109. The booklet provides information about jobs for electronic technicians in both industry and radio and television repair. Training, employment outlook, earnings, and working conditions are discussed in detail.

The Kemps International Film and Television Year Book is available from the Kemps Publishing Group, 1-5 Bath St., London EC1V 9QA, England, at a price of \$65. The first half of the book is devoted to contacts in the UK. Details are listed alphabetically under various classifications such as lighting, production companies, production equipment, and services. The section is fully indexed. Next is a UK technicians section listing specialists for the art, camera, editing, and sound departments. Technicians are also coded to indicate their proficiency in various languages.

The second half of the book contains similar information relating to countries around the world. The sections covering France, Germany, Canada, and the U.S. are particularly well documented. In addition to European and Scandinavian countries, Israel, Japan, Australia, and South Africa are among the 40 nations covered.

Instruments for Testing and Design, a 36-page catalog illustrated in color, is available upon request from Global Specialties Corp. (formerly Continental Specialties Corp.), 70 Fulton Terrace, New Haven, CT 06509.

Innovative Television Equipment, P.O. Box 681, Woodland Hills, CA 91364, has announced the availability (if requested on company letterhead) of two new catalogs covering the firm's entire line of video camera support equipment. A 4-page brochure presents audiovisual and closed circuit television support equipment and an 8-page illustrated catalog lists and describes professional broadcast tripods, pedestals, dollies, heads, and accessories.