#### American Society for Metals **Technical Book Department** Metals Park, Ohio 44073

	Diffusion in Body-Centered
	Cubic Metals
	440 pages, 178 illust., 37 tables, Jul 1965 \$18.00 (144 shillings)
	Twenty-six chapters present lates data and theory. Discussion from September, 1964 International Con- ference is included.
	Fiber Composite Materials
	256 pages, 159 illust., 27 tables, Jun 1965 \$12.00 (100 s)
	Ten chapters based on 1964 ASM Seminar include discussions of strengthening mechanisms, fiber matrix interactions, fabrication, test ing and properties.
	PLUS THESE OTHER ASM SEMINAR BOOKS
П	Metal Surfaces:
ш	Structure, Energetics and
	Kinetics
	416 pages, 172 illust., 11 tables, 196 \$14.95 (120 s)
	Strengthening Mechanisms in Solids
	424 pages, 221 illust., 20 tables, 1965 \$15.00 (120 s)
	Ultra-High Purity Metals
	272 pages, 126 illust., 42 tables, 1965 \$10.50 (84 s)
	Thin Films
	360 pages, 175 illust., 15 tables, 196-

### WE HEAR THAT

The University of Florida has renamed its physics and astronomy building Williamson Hall, in honor of Robert C. Williamson, chairman of Florida's Department of Physics from 1930 until 1958. Dr. Williamson retired as professor emeritus in 1962.

Promotions in the Physics Department at Montana State University in Bozeman include those of Nathaniel I. Kutzman from associate professor to professor, and Georgeanne R. Caughlan from assistant professor to associate professor. Kenneth L. Nordtvedt, currently a junior fellow at Harvard University, has been appointed assistant professor of physics in the Montana department.

Robert Parnes, formerly manager of applied research for Autometric Operation at the Raytheon Company, has been named manager of physics research at Newtek, Inc. Martin Nahemov, previously assistant professor of physics at the Maritime College of the State University of New York, has been appointed senior research physicist and manager of Newtek's solidstate laboratory.

Leon Gunther from the Massachusetts Institute of Technology, and Richard M. Dowd from the University of Wisconsin and the Rutherford High Energy Laboratory in Chilton, England, have been appointed assistant professors of physics at Tufts University.

R. P. Feynman, professor of theoretical physics at the California Institute of Technology, has been elected a foreign member of the Royal Society of London.

Floyd W. Parker, formerly professor of physics at Fairleigh Dickinson University, has been appointed professor of physics at South Dakota State University.

New assistant professors in the Physics Department of Louisiana State University include Roy G. Goodrich, formerly research assistant at the University of California in Riverside,

Robert G. Hussey, formerly a research associate in Louisiana's Low Temperature Laboratory, Nikola M. Nikolic. previously an assistant professor at the US Naval Postgraduate School in Monterey, Calif., Robert F. O'Connell, formerly a research associate at the Dublin Institute for Advanced Studies and at IBM in Ireland, and Donald R. Tompkins, formerly a teaching assistant at the University of Arizona. K. Kobayakawa, previously a research associate at the University of North Carolina, has joined Louisiana's ultra-high energy laboratory as a research associate.

Maurice Ewing, director of Columbia University's Lamont Geological Observatory, has received the 1965 Vega Medal of the Swedish Society for Anthropology and Geography. The Society cited Dr. Ewing's "researches in the history of the earth, particularly in the fields of climatic changes, ocean sediments, and the morphology of the ocean floors".

Paul J. Ovrebo, former deputy for Foreign Technical Division at the Wright-Patterson Air Force Base, has joined the staff of the Douglas Aircraft Company's Advanced Research Laboratory. Dr. Ovrebo will conduct basic research in infrared and optics at Douglas' new laboratory which is presently under construction in Huntington Beach, Calif.

Pritchard H. White, formerly a research engineer with the Aerosonics Laboratory at the University of California in Los Angeles, has joined the senior staff of Measurement Analysis Corporation, where he will be engaged in acoustical research.

Richard H. Lyon, manager of the Applied Physics Department at Bolt Beranek and Newman, Inc., has been elected an assistant vice president of the organization.

John T. Jefferies, previously a physicist at the University of Colorado, and Frank Q. Orrall, previously a solar physicist on the senior research staff of Sacramento Peak Observatory, have received new appointments

Payment enclosed (ASM pays shipping charges within U.S. and Canada) Bill Co.

Zip

ASM member

Name\_

Address

City, State

Bill me

Firm

Per hour, day, or year, new Fluke precision high voltage power supplies hold the line better. Not just working specs either. These Fluke power supplies are built to take at least 20 G's shock. They'll work at 10,000 feet or higher or in a junglelike 80% humidity at 50°C. What's more, the price is right. Check the specs below for data on all four new supplies.

Model	Voltage	Current (ma)	Regulation		Stability		Calibra- tion	Max.		
			Line (%)	Load (%)	Per Hr. (%)	Per Day (%)	Accuracy (%)	Ripple (rms)	Resolution	Price
412B	0-2,100	0-30	0.001	0.001	0.005	0.02	0.25	500 μv	5 mv	\$ 410
4058	0-3,100	0-30	0.001	0.001	0.005	0.02	0.25	1 mv	5 mv	\$ 525
408B	0-6,000	0-20	0.001	0.001	0.005	0.02	0.25	1 mv	5 mv	\$ 665
410B	0-10,000	0-10	0.001	0.001	0.005	0.02	0.25	1 mv	5 mv	\$ 975



FLUKE • Box 7428, Seattle, Washington 98133 • Phone (206) 776-1171 • TWX: (910) 449-2850



#### LONG RANGE RESEARCH

AT

## **PHILCO**

Opportunities exist for scientists having a Ph.D. degree to work on long term corporate funded programs in the areas of

- ELECTRO OPTICS
- SOLID STATE PHYSICS
- ADVANCED DEVICE RESEARCH
- DISPLAY RESEARCH
- INFORMATION THEORY

If you are capable of doing publishable work, and prefer the stability of company funded programs, contact Dr. Marvin E. Lasser, Director of the Applied Research Laboratory, Philco Corporation, Blue Bell, Pennsylvania.

# PHILCO. A SUBSIDIARY OF FORD MOTOR Company.

An equal opportunity employer



## Na I (T1) CRYSTALS

The Thallium activated iodide crystals are hermetically sealed in a 0.8mm aluminum housing with a 3mm optical glass window. No finer crystals are available anywhere. For prices on other crystal sizes, ½" dia. to 12" dia., please write for quotation.

KOBE KOGYO

please write for quotation.

Manufactured exclusively for
NUCLEAR SUPPLIES by Kobe Kogyo
Corporation of Japan whose 10
years of crystal production
offers quality and reliability.

Complete line of instruments, modules, automatic systems and accessories listed in new catalog. Write to P.O. Box 312, Encino, California, or Telephone, Area Code 213, 787-1722.



as professors in the University of Hawaii's Department of Physics and as astrophysicists in the Hawaii Institute of Geophysics. Peter N. Dobson, who recently completed his PhD work at the University of Maryland, has joined Hawaii's physics faculty as an assistant professor, and S. F. Tuan, associate professor of physics at Purdue University, is spending the summer and fall semesters at Hawaii as visiting professor of physics.

Robert S. Mulliken, as reported in our October 1964 issue, has an appointment as distinguished research professor in chemical physics at Florida State University; he expects to be there during the winter months. It should be added that he is also on a continuing appointment as distinguished service professor of physics and chemistry at the University of Chicago, with which he is primarily associated.

R. Hobart Ellis, Jr., former managing editor of *Nucleonics*, and most recently senior officer in the New York office of the International Atomic Energy Agency, has joined the staff of *Physics Today* as executive editor.

Fred M. Johnson, formerly a member of the senior technical advisory staff in the Quantum Physics Division at Electro-Optical Systems, has been appointed to head the company's Non-Linear Optics Group.

Alan E. Crawford, formerly divisional manager of the Sonics Division at Elliott Brothers, Ltd., in London, has joined Radyne, Ltd., in Wokingham, Berkshire, England, as manager of the Ultrasonic Products Group.

New appointments to the staff of Brown University's Department of Physics include Manuel Cardona from the RCA Laboratories in Princeton as associate professor, Masaru Onchi of Kyoto University as visiting associate professor in research, Herbert M. Fried of New York University as assistant professor, and Fred H. Pollak of the University of Chicago as instructor. Newly appointed research associates are Konrad Kayek of the University of Innsbruck, Kyumgsik Kang of Indiana University, and Ronald N. Lee of Brown University.