

by the American Institute of Physics for the American Physical Society."

Purpose of the program is to explore efficiency and economy and to experiment with a closer tie between copy editing and composition.

Samuel A. Goudsmit, editor-in-chief of APS, sees the present arrangement as a temporary one based on experience APS already has in producing *Physical Review Letters*. Eventually he wants to return the whole operation to AIP.

OSA Prepares to Publish A New Handbook of Optics

The Optical Society of America plans to publish an 800- to 1000-page *Handbook of Optics*. Walter G. Driscoll, director of research in biomedical engineering, St Vincent's Hospital, Worcester, Mass., is editor. William Vaughan of Itek Corp is associate editor.

The society has contracted with McGraw-Hill Inc to publish the handbook. Section editors and contributors have been selected, and work is beginning on the manuscripts. The handbook will include tutorial sections to accompany and elucidate the tabular information.

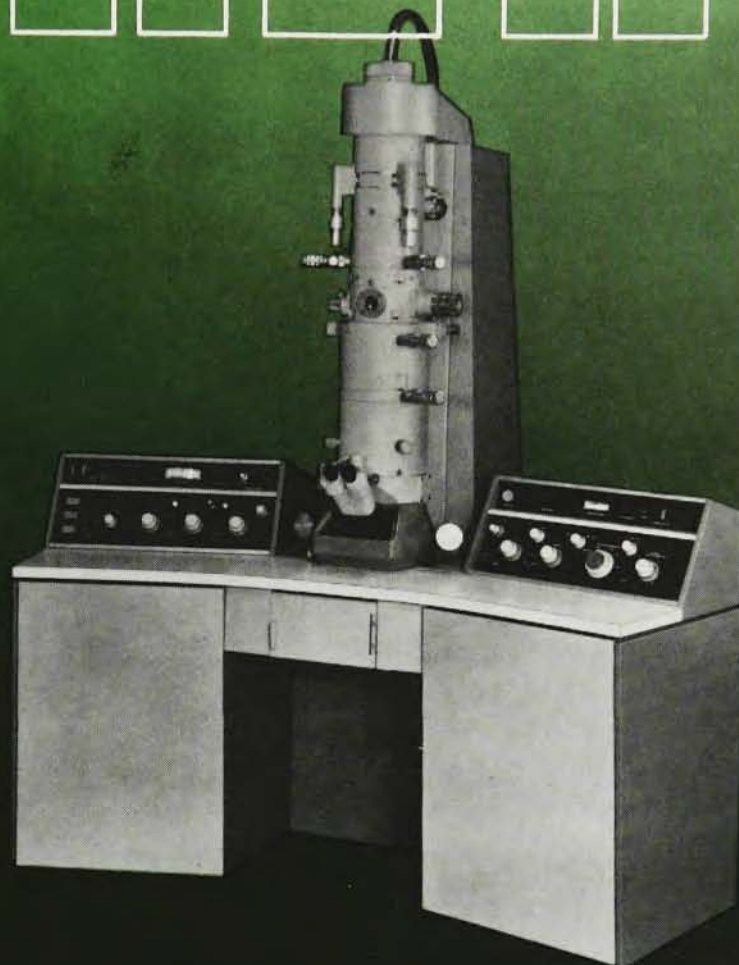
The editors are coordinating their work with the preparation of the third edition of the *Handbook of Physics*, published by the American Institute of Physics and McGraw-Hill. Dwight Gray, editor of the AIP handbook, and Bruce H. Billings, editor of the optical section, say they expect both handbooks to benefit from their simultaneous preparation.

AIP Issues New Catalog of Available Publications

A revision of its *Current Book and Pamphlet List* is available without charge from the American Institute of Physics. The list, which now has 102 items, is updated several times a year. It contains materials ranging from multivolume sets on magnetism and temperature to brochures describing programs of the AIP and its member societies and pamphlets designed to tell students about careers in physics.

The list, designated Pub. R-176.7, includes AIP studies of physics manpower, graduate enrollment and the impact of cutbacks in federal research support. □

NEW



... JEOLCO's advanced engineering techniques now permit these unprecedented specifications and features in the 100 Series electron microscopes ...

- guaranteed resolution 2Å — highest in the industry
- guaranteed stability better than 2 PPM for both accelerating voltage and objective lens current
- complete automation
- ease of operation enhances multi-operator use
- CRT display for accurate specimen positioning
- specimen carousel accommodating six specimen grids
- accelerating voltages stepped from 20 to 100 kV
- magnifications from 100 to 500,000X
- models for biology and metallurgy.

Immediate deliveries are assured on these moderately-priced, nationally-serviced electron microscopes.



ELECTRON OPTICS DIVISION • 477 RIVERSIDE AVENUE
MEDFORD, MASSACHUSETTS 02155 • (617) 396-6021