

Sixty-sixth Annual Meeting Papers

Techniques of

ELECTRON MICROSCOPY, DIFFRACTION, and MICROPROBE ANALYSIS



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TECHNIQUES OF ELECTRON MICROSCOPY, DIFFRACTION, AND MICROPROBE ANALYSIS

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FOREWORD

The papers in this volume were presented at a Symposium on Electron Metallography, sponsored by Subcommittee XI on Electron Microstructure of Metals of ASTM Committee E-4 on Metallography, which was held on June 26, 1963, during the Sixty-sixth Annual Meeting of the Society.

The conference chairman was J. R. Mihalisin, of the International Nickel Co. W. R. Lasko, of Pratt and Whitney Aircraft Division of United Aircraft Corp., presided over the technical sessions.

**NOTE—The Society is not responsible, as a body, for the statements
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RELATED ASTM PUBLICATIONS

Advances in Techniques in Electron Metallography, STP 339, 1962.

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Advances in Electron Metallography and Electron-Probe Microanalysis, STP 317, 1962.

THIS PUBLICATION is one of many issued by the American Society for Testing and Materials in connection with its work of promoting knowledge of the properties of materials and developing standard specifications and tests for materials. Much of the data result from the voluntary contributions of many of the country's leading technical authorities from industry, scientific agencies, and government.

Over the years the Society has published many technical symposiums, reports, and special books. These may consist of a series of technical papers, reports by the ASTM technical committees, or compilations of data developed in special Society groups with many organizations cooperating. A list of ASTM publications and information on the work of the Society will be furnished on request.

