

FRACTURE MECHANICS

*Proceedings of the
Eleventh National Symposium
on Fracture Mechanics:
Part I*

C. W. Smith, editor

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**AMERICAN SOCIETY FOR
TESTING AND MATERIALS**

FRACTURE MECHANICS

Proceedings of the
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on Fracture Mechanics: Part I

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Foreword

This publication, *Fracture Mechanics*, contains papers presented at the Eleventh National Symposium on Fracture Mechanics which was held 12–14 June 1978 at Virginia Polytechnic Institute and State University, Blacksburg, Va. The American Society for Testing and Materials' Committee E-24 on Fracture Testing of Metals sponsored the symposium. C. W. Smith, Virginia Polytechnic Institute and State University, served as editor of this publication.

The proceedings have been divided into two volumes: Part I—*Fracture Mechanics* and Part II—*Fracture Mechanics Applied to Brittle Materials*.

Related ASTM Publications

Developments in Fracture Mechanics Test Methods Standardization, STP 632 (1977), \$24.75, 04-632000-30

Fractography—Microscopic Cracking Process, STP 600 (1976), \$27.50, 04-600000-30

Mechanics of Crack Growth, STP 590 (1976), \$45.25, 04-590000-30

A Note of Appreciation to Reviewers

This publication is made possible by the authors and, also, the unheralded efforts of the reviewers. This body of technical experts whose dedication, sacrifice of time and effort, and collective wisdom in reviewing the papers must be acknowledged. The quality level of ASTM publications is a direct function of their respected opinions. On behalf of ASTM we acknowledge with appreciation their contribution.

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