

STP 613

**USE OF COMPUTERS
IN THE
FATIGUE LABORATORY**

MINDLIN/LANDGRAF



AMERICAN SOCIETY FOR TESTING AND MATERIALS

USE OF COMPUTERS IN THE FATIGUE LABORATORY

A symposium
presented at
November Committee Week
AMERICAN SOCIETY FOR
TESTING AND MATERIALS
New Orleans, La., 17-21 November 1975

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Harold Mindlin, Battelle's Columbus Laboratories,
and R. W. Landgraf, Ford Scientific Research
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Foreword

The symposium on Use of Computers in the Fatigue Laboratory was presented at the November Committee Week of the American Society for Testing and Materials held in New Orleans, La., 17-21 November 1975. ASTM Committee E-9 on Fatigue sponsored the symposium. Harold Mindlin, Battelle's Columbus Laboratories, served as symposium chairman, and R. W. Landgraf, Ford Scientific Research Laboratories, presided as symposium cochairman.

Related ASTM Publications

Handbook on Fatigue Testing, STP 566 (1974), \$14.25, 04-566000-30
Fatigue at Elevated Temperatures, STP 520 (1973), \$45.50, 04-520000-30
Probabilistic Aspects of Fatigue, STP 511 (1972), \$19.75, 04-511000-30

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 their contribution with appreciation.

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