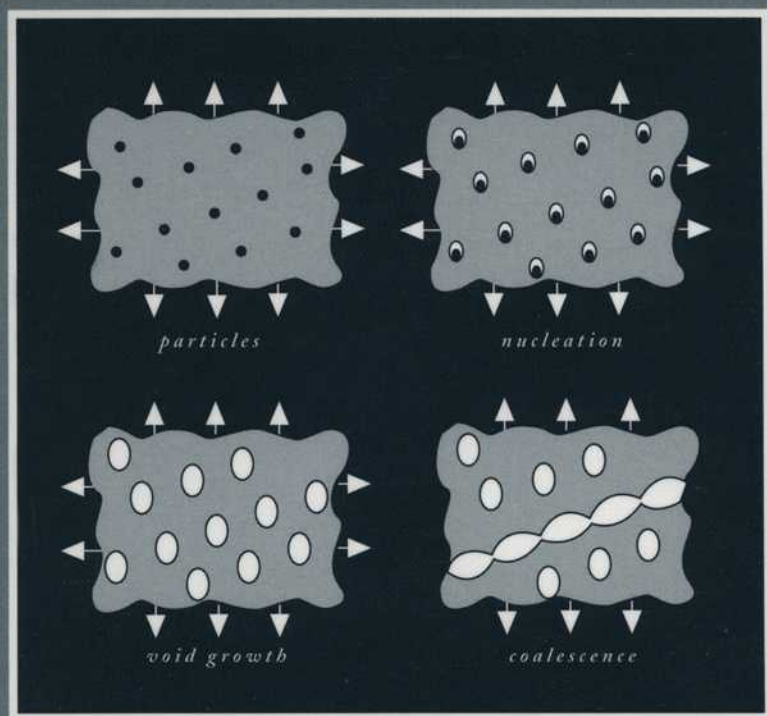


# FRACTURE MECHANICS

*Twenty-Fourth Volume*

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*John D. Landes,  
Donald E. McCabe,  
and J. A. M. Boulet, editors*



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# ***Fracture Mechanics: Twenty-Fourth Volume***

*John D. Landes, Donald E. McCabe, and J. A. M. Boulet, Editors*

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The quality of the papers in this publication reflects not only the obvious efforts of the authors and the technical editor(s), but also the work of these peer reviewers. The ASTM Committee on Publications acknowledges with appreciation their dedication and contribution to time and effort on behalf of ASTM.

# Foreword

The 24th National Symposium on Fracture Mechanics was presented at Gatlinburg, Tennessee on 30 June–2 July 1992. ASTM Committee on E-8 on Fatigue and Fracture (formerly E-24 on Fracture Mechanics) sponsored the symposium in cooperation with the University of Tennessee and the Oak Ridge National Laboratory. John D. Landes, University of Tennessee, and Donald E. McCabe, Oak Ridge National Laboratory, served as chairmen of the symposium and editors of the resulting publication. J. A. M. Boulet, University of Tennessee, also served as an editor of the publication.

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