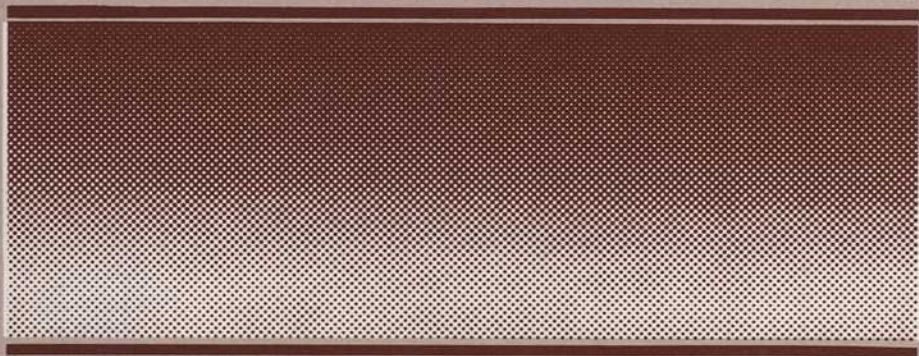


# **Delamination and Debonding of Materials**



**W. S. Johnson** *editor*



**STP 876**

# DELAMINATION AND DEBONDING OF MATERIALS

A symposium  
sponsored by  
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D-30 on High Modulus Fibers  
and Their Composites and  
E-24 on Fracture Testing  
Pittsburgh, Pa., 8-10 Nov. 1983

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# Foreword

The ASTM Symposium on Delamination and Debonding of Materials was held in Pittsburgh, Pennsylvania, on 8-10 November 1983. Sponsors of the event were ASTM Committees D-30 on High Modulus Fibers and Their Composites and E-24 on Fracture Testing. The symposium chairman was W. S. Johnson, NASA Langley Research Center, who has also edited this publication.

## Related ASTM Publications

High Modulus Fiber Composites in Ground Transportation and High Volume Applications, STP 873 (1985), 04-873000-33

Recent Advances in Composites in the United States and Japan, STP 864 (1985), 04-864000-33

Effects of Defects in Composite Materials, STP 836 (1984), 04-836000-33

Long-Term Behavior of Composites, STP 813 (1983), 04-813000-33

Composite Materials: Quality Assurance and Processing, STP 797 (1983), 04-797000-30

Composite Materials: Testing and Design (Sixth Conference), STP 787 (1982), 04-787000-33

Damage in Composite Materials, STP 775 (1982), 04-775000-30

## A Note of Appreciation to Reviewers

The quality of the papers that appear in this publication reflects not only the obvious efforts of the authors but also the unheralded, though essential, work of the reviewers. On behalf of ASTM we acknowledge with appreciation their dedication to high professional standards and their sacrifice of time and effort.

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