

Foreword

This volume contains 22 papers, which are updates of review articles previously published in *Applied Mechanics Reviews*.

Authors of review articles which appeared during the period 1986-1992 were invited to return to their topics and shed additional light upon them. In each case, a significant amount of additional research on the topic has appeared in the published literature. These new references are cited and discussed, and additional conclusions are drawn.

As the Table of Contents clearly shows, these updates cover a broad spectrum of technical areas included in *AMR*: Foundations and Basic Methods, Dynamics and Vibration, Mechanics of Solids, Mechanics of Fluids, Heat Transfer, and Bioengineering.

Readers desiring the original review articles may find them in their library volumes. They are listed in the Table of Contents with each update. They may also be obtained with the reprint order form which appears at the back of this volume.

The authors and the editorial staff are pleased to make this contribution to the organization and summarization of technical research.

Arthur W. Leissa
Editor-in-Chief