FOREWORD

The Twelfth US National Congress of Applied Mechanics was held at the University of Washington from June 27 to July 1, 1994. The Congress was organized by the US National Committee on Theoretical and Applied Mechanics under the general sponsorship of the National Academy of Engineering and the National Academy of Sciences with the cooperation of twelve scientific and professional societies.

The scientific program of the Congress included five general lectures and fourteen symposia on a broad range of topics of current interest to the mechanics community. These proceedings include four of the general lectures and many of the 74 invited symposium papers.

Albert S. Kobayashi, General Chairman of the Twelfth Congress

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