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Edited by M. Tenhover, W. L. Johnson and L. E. Tanner

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Preface

The symposium on the Science and Technology of Rapidly Quenched Alloys was held at the annual fall meeting of the Materials Research Society in Boston December 1-3 1986. The symposium covered the fundamental and technological aspects of this expanding area of materials science. As reflected in these proceedings, a wide variety of materials, fabrication methods, and applications are being intensely investigated throughout the world. About 150 participants from North America, Europe, Asia, and Australia attended the two and one-half day symposium.

The three principal sections of the symposium, Formation and Properties of Amorphous Metals, Rapidly Quenched Microcrystalline Alloys, and Magnetic Properties of Rapidly Quenched Alloys are used in the proceedings as a means of organization. In addition, the papers from a joint plenary section with the Ion-Beam Solid Interactions symposium are included in the proceedings. We wish to thank our diligent authors, reviewers, and chairpersons whose participation has insured the high quality and success of the symposium.

M. Tenhover
W. L. Johnson
L. E. Tanner

January 1987