
MATERIALS
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Superplasticity in Metals, Ceramics, and Intermetallics

EDITORS

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Masaru Kobayashi
Jeffrey Wadsworth



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Symposium held April 16-19, 1990, San Francisco, California, U.S.A.

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Merrilea J. Mayo

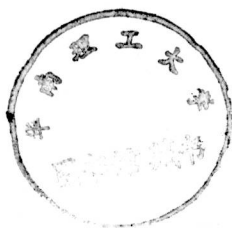
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**Superplasticity in Metals, Ceramics,
and Intermetallics**

Preface

This volume represents the Proceedings of the Symposium on Superplasticity in Metals, Ceramics, and Intermetallics, which was held as a part of the Materials Research Society Spring Meeting in San Francisco, California, April 16-20, 1990.

The symposium attracted international participation with strong contributions from the USA, China, Japan, and Europe; Australia, Korea and Mexico were also represented. Regrettably, a large contingent from the USSR that planned to attend were unable to do so.

The application of superplasticity in metallic alloys continues to be of great interest from both fundamental and technological viewpoints. Papers are included in the proceedings that reflect the range of these interests. In addition, the large interest in the symposium must be attributed in part to the very exciting discoveries that are being made in the development of superplasticity in non-traditional materials such as ceramics and intermetallics, and the application of superplasticity theory to the behavior of geological materials.

The editors gratefully acknowledge the many reviewers who participated in the final preparation of the manuscripts, the invited speakers, and the many people at MRS who made this symposium possible. Finally, we very gratefully acknowledge the support of the Army Research Office, the National Science Foundation, and the Office of Naval Research.

Merrilea J. Mayo
Masaru Kobayashi
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August 1990

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Contents

PREFACE	xi
MATERIALS RESEARCH SOCIETY SYMPOSIUM PROCEEDINGS	xii
PART I: FUNDAMENTALS AND THEORY	
*OBSERVATIONS ON HISTORICAL AND CONTEMPORARY DEVELOPMENTS IN SUPERPLASTICITY Oleg D. Sherby and Jeffrey Wadsworth	3
DIFFUSION-ACCOMMODATED GRAIN BOUNDARY SLIDING IN A POLYCRYSTAL P.M. Hazzledine and J.H. Schneibel	15
THE INFLUENCE OF GRAIN BOUNDARY STRUCTURE ON STRAIN- INDUCED GRAIN GROWTH DURING SUPERPLASTIC DEFORMATION H.J. Frost and R. Raj	21
A MECHANISM OF SUPERPLASTIC DEFORMATION AND DEFORMATION INDUCED GRAIN GROWTH BASED ON GRAIN SWITCHING Eiichi Sato, Kazuhiko Kuribayashi, and Ryo Horiuchi	27
DISSIPATIVE STRUCTURES AND SUPERPLASTICITY Hechun Chen, Reginald W. Smith, Jiwei Shi, and Yang Zhengheng	33
A RE-APPRAISAL OF CAVITY GROWTH PROCESSES IN SUPER- PLASTICITY Yan Ma and Terence G. Langdon	39
MECHANICAL BEHAVIOR AND CAVITATION IN COMMERCIAL AND HIGH PURITY Zn-22% Al Kyung-Tae Park, James C. Earthman, and Farghalli A. Mohamed	45
AN EXPERIMENTAL STUDY OF CAVITY NUCLEATION DURING SUPERPLASTIC DEFORMATION Jiang Xinggang, Cui Jianzhong, and Ma Longxiang	51
PART II: SUPERPLASTIC MICROSTRUCTURES: THEIR SYNTHESIS AND ROLE	
*IS SUPERPLASTICITY IN THE FUTURE OF NANOPHASE MATERIALS? R.W. Siegel	59
LOW TEMPERATURE SINTERING AND DEFORMATION OF NANO- CRYSTALLINE TiO ₂ H. Hahn, J. Logas, H.J. Höfler, P. Kurath, and R.S. Averback	71
*Invited Paper	