

1. Record Nr.	UNISA996213450203316
Titolo	Proceedings of the International Conference on Martensitic Transformations, June 29-July 05, 2008 : ICOMAT : Santa Fe, New Mexico, USA, 2008 // G. B. Olson, D. S. Lieberman, and A. Saxena, editors
Pubbl/distr/stampa	Warrendale, Pennsylvania : , : The Minerals, Metals & Society Society, , 2009 ©2009
ISBN	1-118-80414-7 1-118-80423-6 1-118-80359-0
Descrizione fisica	1 online resource (730 p.)
Collana	ISTE
Disciplina	669.95
Soggetti	Martensitic transformations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; Title Page; Copyright Page; TABLE OF CONTENTS; Sponsors; History and Committees; Preface; ICOMAT; Part I. Tributes; A Tribute to C. Marvin Wayman; A Tribute to Walter Shepherd Owen - One of the Pioneers in the Field of Martensitic Transformations; A Tribute to the Memory of Professor Francisco Eiichi Fujita; A Tribute to Juha Pietikainen; WLR Theory of Martensite and Professor Thomas A. Read; An Historical Account of the Development of the Bowles-MacKenzie Theory of the Crystallography of Martensite Transformation James Arthur Krumhansl: Nonlinear Physics of Martensitic Phase Transformations Part II. Crystallography, Nucleation and Applications; Density and Characterization of the Martensite Embryos in Yttria Doped Zirconia; Martensitic Nucleation on Dislocations in Cu-Al-Ni Shape Memory Alloys Studied by in situ TEM; Twin-Microstructure, Line Defects, and Twinning Stress of Magnetic Shape-Memory Alloys; In-situ TEM Observations of Martensitic Transformations in Ni-Rich Single Crystals with Coherent and Aligned Precipitates; Stress-Temperature Phase Diagram of Ni <sub>2</sub> MnGa Thermally Activated Martensite: Its Relationship to Non-Thermally

Activated (Athermal) Martensite TEM Investigation of Microstructures in Low-Hysteresis Ti50Ni50-xPdx Alloys with Special Lattice Parameters; The Stress-Induced Reverse Martensitic Transformation in Fe-Mn-Si Shape Memory Alloys; Designing a Precipitation-Strengthened, Superelastic, TiNi-Based Alloy for Endovascular Stents; Stress-Induced Phase Transformation in the Vicinity of Vickers Indentations in 10mol% CeO<sub>2</sub> Doped Tetragonal ZrO<sub>2</sub> Polycrystal Design and Characterization for Advanced High Strength Nb-Containing Dual-Phase Steels Carbon Enrichment in Residual Austenite During Martensitic Transformation; The Absence of Work Hardening in Steel Quenched and Tempered at Around 623 K; In situ Synchrotron X-ray Analysis of the Behaviour of a Martensitic Stainless Steel During Ageing; Transformation Induced Cyclic Behavior and Fatigue Properties of Nickel Rich NiTi Shape Memory Alloy Actuators; Modeling the Behavior of an SMA/Elastomer Composite; Development of Single Crystalline Ni-Mn-Ga Foil Microactuators  
Finite Element Simulation of Magnetic Shape Memory Microactuators

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Sommario/riassunto

International Conference on Martensitic Transformations (ICOMAT) 2008

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