

# RECRYSTALLIZATION '90

---

---

## International Conference on Recrystallization in Metallic Materials

Editor  
T. Chandra

Conference Proceedings

---

---

A Publication of

**TMS**

Minerals • Metals • Materials

Relationship Between Strain Induced Recrystallization and Rheological Behaviour in Ti-6%Al-4%V .....	369
<i>Y. Combres, K. Takahashi, A.-M. Chaze and Ch. Levaillant</i>	
Discontinuous Recrystallization in Cu — 7.5 at % In .....	375
<i>Guillermo Solórzano and Jorge A. Cohn</i>	
Effect of Inoculation on Microstructure and Properties of C-Mn Steels .....	381
<i>K. Sadrnezhaad</i>	
On the Theory of Solute Engendered Grain Boundary Drag .....	387
<i>N. Louat and M.A. Imam</i>	
The Application of Isothermal Recrystallization Kinetics to Continuous Heating Processes .....	393
<i>K. Magee, K. Mukunthan, and E.B. Hawbolt</i>	
The Determination of the Critical Temperatures of Recrystallization and Austenite Transformation During Hot Rolling of Microalloyed Steels .....	399
<i>Dagoberto B. Santos and Ronaldo A.N.M. Barbosa</i>	
Texture and Grain Boundary Character Distribution (GBCD) in Recrystallized Polycrystalline Materials .....	405
<i>Tadao Watanabe</i>	
Influence of Temperature and Time on the Microstructure of Nickel Base Superalloys Used for Aeroengine Turbine Blade Applications .....	411
<i>S. Ramakrishna, Y.K. Rao, A.K. Mukhopadhyay, and C.G. Krishnadas Nair</i>	
Effect of Grain Size Distributions on the Observed Microstructure During Static Recrystallisation of Type 316 Stainless Steel .....	417
<i>J.E.J. Wadsworth and C.M. Sellars</i>	
The Effect of Rolling Direction Upon the Recrystallization Texture of Al-1.0%Mn-1.2%Mg Alloy .....	423
<i>B. Nicol, A. Oscarsson and P. Bate</i>	
Recrystallization in the Modelling of Hot Rolling .....	429
<i>John H. Beynon</i>	
Recrystallization Behaviours of Low Carbon Ferritic Stainless Steels During Hot Rolling and Annealing Process .....	435
<i>Y.D. Lee, D.Y. Ryoo, Y.Y. Lee, and S.H. Park</i>	
Dynamic Recrystallization and Superplasticity of 7475 Aluminum Alloy .....	441
<i>N. Muramatsu, Y-E. Hong, T. Sakai, and T. Endo</i>	