

**Diffusion, Segregation And Stresses In
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Forum) (Defect And Diffusion Forum)**

By Boris S. Bokstein



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Kinetic equations for non-equilibrium grain boundary segregation induced by applied tensile stress T.-D.Xu Based on an earlier model, a set of kinetic equations is

Grain Boundary Diffusion, Stresses and Segregation
doi:10.4028/www.scientific.net/DDF.309-310 Numerical Simulation Support for Diffusion Coefficient Measurements in

Role of Grain Boundary Segregation in nally applied stress is a form of diffusion creep, with the stress deriving from the surface energy

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Defect and Diffusion Forum Vols. 216-217 Diffusion, Segregation and Stresses in Materials von B. S. Bokstein, B.B. Straumal 1. Auflage Diffusion, Segregation and

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Segregation in materials refers to the enrichment stress relief cracking of both grain boundary and surface segregation can be limited by the diffusion of

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Diffusion under stress is frequently ment, grain boundary segregation, and solute hardening processes, among others, that occur in many structural materials.

Diffusion, segregation and phase transformation in metal E. Rabkin "Grain boundary interdiffusion and stresses in thin polycrystalline films Dr. Leonid Klinger;

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Not 0.0/5. Retrouvez Diffusion, Segregation and Stresses in Materials: Proceedings of International Conference on Diffusion, Segregation and Stresses in Materials

In this work, density functional theory calculations are used to calculate the separate effects of stress/strain and chemical binding on diffusion, segregation and

Abstract Experimentation was carried out to study the enhanced diffusion of boron under oxidation in semiconductors and to investigate boron segregation at the oxide

As-quenched carbon steel samples were treated with high density electric current pulses (ECP). After that, the carbon distribution and microstructures were exam

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Boris S. Bokstein is the author of Thermodynamics and Kinetics in Materials Science (0.0 avg rating, 0 ratings, 0 reviews, published 2005) and Grain Bound

Phosphorus grain boundary segregation during 100 MPa stress ageing at 520 C in a 2.25Cr1Mo steel is observed using Auger electron spectroscopy. In t

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