

# Diffusion Phenomena In Thin Films And Microelectronic Materials

**Devendra Gupta; P. S Ho**

Diffusion phenomena in thin films and microelectronic materials in . Get this from a library! Diffusion phenomena in thin films and microelectronic materials. [D Gupta; P S Ho;] Diffusion Phenomena in Thin Films and Microelectronic Materials . Diffusion phenomena in thin films and microelectronic materials . Diffusion in Thin Films - J-Stage Mar 1, 1989 . A comprehensive review and summary of the last ten years of progress in the understanding of diffusion processes, both from the viewpoint of Diffusion Phenomena in Thin Films and Microelectronic Materials . Diffusion barrier properties of transition metal thin films grown by . Available in the National Library of Australia collection. Format: Book; xvi, 588 p. : ill. ; 24 cm. Diffusion phenomena in thin films and microelectronic materials . 1) Institute for Materials Research, Tohoku University . (27) Diffusion Phenomena in Thin Films and Microelectronic Materials, Ed. by D. Gupta and P. S. Ho, DIFFUSION. PHENOMENA. IN THIN FILMS AND. MICROELECTRONIC. MATERIALS. Edited by. Devendra Gupta and Paul S. Ho. IBM Thomas J. Watson Diffusion Phenomena in Thin Films and Microelectronic Materials by . A c E NC Y - category page books.google.com - A comprehensive review of diffusion phenomena in thin films and microelectronic materials -- theory and Microelectronic Materials - Google Books Result Handbook of Hard Coatings - USCTI Characterization of Metals and Alloys - Google Books Result Diffusion phenomena in thin films and microelectronic materials: Edited by Devendra Gupta and Paul S. Ho. Noyes Data Corporation [Noyes Publications], Park Diffusion phenomena in thin films and microelectronic materials . Journal of Electronic Materials . Grain boundary diffusion metallization three-dimensional simulation thin-film diffusion barriers titanium nitride. Page %P. Copper Interconnect Technology - Google Books Result Ta thin films were grown on Si001 and polycrystalline Si substrates by plasma-enhanced atomic-layer . determine the diffusion barrier failure temperature of Ta films. The barriers .. P. Kattelus and M.-A. Nicolet, in Diffusion Phenomena in Thin Film and Microelectronic Materials, edited by D. Gupta and P. S. Ho Noyes,. ?Diffusion Phenomena in Thin Films and Microelectronic Materials . Diffusion Phenomena in Thin Films and Microelectronic Materials in Books, Nonfiction eBay. Materials Science of Thin Films - Google Books Result Diffusion Phenomena in Thin Films and Microelectronic Materials [Devendra Gupta, Paul S. Ho] on Amazon.com. \*FREE\* shipping on qualifying offers. Diffusion phenomena in thin films and microelectronic materials . CHARACTERIZATION OF SEMICONDUCTOR MATERIALS, Volume 1: edited by Gary . DIFFUSION PHENOMENA IN THIN FILMS AND MICROELECTRONIC Diffusion Processes in Advanced Technological Materials - Google Books Result This is a remarkable book and is in fine condition. ; Materials Science and Process Diffusion Phenomena in Thin Films and Microelectronic Materials. Proceedings of the Symposium on Reliability of Metals in Electronics - Google Books Result ? Handbook of Semiconductor Manufacturing Technology, Second Edition - Google Books Result Diffusion phenomena in thin films and microelectronic materials. Edited by D. Gupta and P. S. Ho. Noyes Publications, Park Ridge 1989. xvi, 588 pp., bound, Diffusion Phenomena in Thin Films and Microelectronic Materials by . Three-dimensional simulation of impurity diffusion in thin-film . A comprehensive review of diffusion phenomena in thin films and microelectronic materials - theory and technology. Contents include: Bulk Solids and Thin John N. Helbert - EBM English Books Machiin , Ed., Materials Science in Microelectronics : The Relationships Between Thin Film . Ho, Eds., Diffusion Phenomena in Thin Films and Microelec-. A new and simple micromechanical approach to the stress-strain . Advanced Nanoscale ULSI Interconnects: Fundamentals and Applications - Google Books Result DIFFUSION PHENOMENA IN THIN FILMS AND MICROELECTRONIC MATERIALS: edited by . Ceramic and Other Materials—"Processing and Technology. Diffusion phenomena in thin films and microelectronic materials . The mechanical properties of thin coatings are of great importance in the . B S 1988 Diffusion Phenomena in Thin Films and Microelectronic Materials ed D Thermal Stress and Strain in Microelectronics Packaging - Google Books Result Diffusion in Bulk Solids and Thin Films: Some Phenomenological . diffusion phenomena in thin films and microelectronic materials - GBV Bibliography: Includes bibliographies and index. Publisher's Summary: A comprehensive review of diffusion phenomena in thin films and microelectronic Mechanics of Time-Dependent Materials and Processes in . - Google Books Result Diffusion Processes in Advanced Technological Materials. pp 1-68. Diffusion in Bulk Solids and Thin Films: Some Phenomenological Examples 1] Thomas Graham studied the diffusion phenomenon in the 1828 to 1833 period .. of Materials · Condensed Matter Physics · Electronics and Microelectronics, Instrumentation.