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| Nota di contenuto | Defects and Diffusion in Semiconductors XIV; Table of Contents; An Experimental Study of the Thermal Properties of Modified 9Cr-1Mo Steel; Physico-Mechanical Properties of Sintered Iron-Silica Sand Nanoparticle Composites: A Preliminary Study; Defect and Dislocation Density Parameters of 5251 Al Alloy Using Positron Annihilation Lifetime Technique; A Novel Computational Strategy to Enhance the Ability of Elaborate Search by Entire Swarm to Find the Best Solution in Optimization of AMCs Synthesis and Characterization of Novel Nanoceramic Magnesium Ferrite Material Doped with Samarium and Dysprosium for Designing - Microstrip Patch AntennaZnO Varistor Defective Gd and Pr Ions; Injecting CO ₂ and Pumping Out Saline Formation Water Simultaneously to Control Pressure Build-Up while Storing CO ₂ in Deep Saline Aquifers; Studying the Effect of Low -Radiation Doses on CR-39 Polymers Using Positron Annihilation Lifetime and Mechanical Properties; Abstracts; Keywords Index; Authors Index |
| Sommario/riassunto | This 14th volume in the series covers the latest results in the field of Defects and Diffusion in Semiconductor. The issue also includes some original papers: An Experimental Study of the Thermal Properties of Modified 9Cr-1Mo Steel; Physico-Mechanical Properties of Sintered Iron-Silica Sand Nanoparticle Composites: A Preliminary Study; Defect and Dislocation Density Parameters of 5251 Al Alloy Using Positron |

Annihilation Lifetime Technique; A Novel Computational Strategy to
Enhance the Ability of Elaborate Search by Entire Swarm to Find the Best
Solution in Optimization of AMCs; Synthesis and
