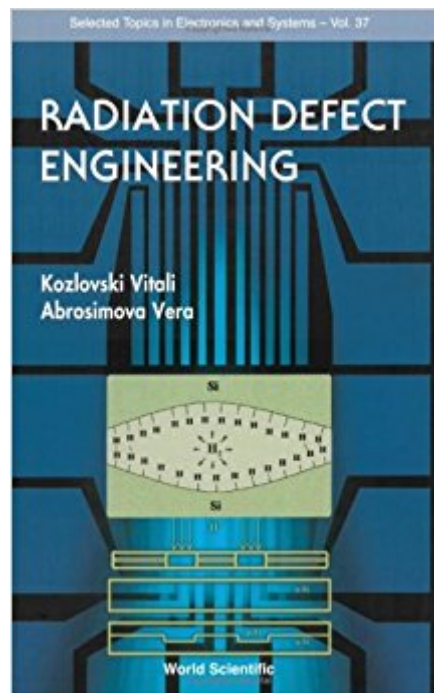




Ebook Directory
the best source of ebook

The book was found

Radiation Defect Engineering (Selected Topics In Electronics And Systems)



Synopsis

The increasing complexity of problems in semiconductor electronics and optoelectronics has exposed the insufficient potential of the technological doping processes currently used. One of the most promising techniques, which this book explores, is radiation doping: the intentional, directional modification of the properties of semiconductors under the action of various types of radiation. The authors consider the basic principles of proton interactions with single crystal semiconductors on the basis of both theory as well as practical results. All types of proton modifications of the materials known presently are analyzed in detail and exciting new fields of research in this direction are discussed.

Book Information

Series: Selected Topics in Electronics and Systems (Book 37)

Hardcover: 253 pages

Publisher: World Scientific Publishing Company (November 21, 2005)

Language: English

ISBN-10: 9812565213

ISBN-13: 978-9812565211

Product Dimensions: 6.8 x 0.9 x 10.1 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,873,627 in Books (See Top 100 in Books) #70 in Books > Science & Math > Chemistry > Nuclear Chemistry #485 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Semiconductors #1784 in Books > Science & Math > Physics > Nuclear Physics

[Download to continue reading...](#)

Radiation Defect Engineering (Selected Topics in Electronics and Systems) Scaling and Integration of High-Speed Electronics and Optomechanical Systems (Selected Topics in Electronics and Systems) Selected Topics in RF, Analog and Mixed Signal Circuits and Systems (Tutorials in Circuits and Systems) Atoms, Radiation, and Radiation Protection Atoms, Radiation, and Radiation Protection, 2nd Edition Treatment Planning in the Radiation Therapy of Cancer (Frontiers of Radiation Therapy and Oncology, Vol. 21) (v. 21) Radiation Nation: Fallout of Modern Technology - Your Complete Guide to EMF Protection & Safety: The Proven Health Risks of Electromagnetic Radiation (EMF) & What to Do Protect Yourself & Family Aerodynamics: Selected Topics in the

Light of Their Historical Development (Dover Books on Aeronautical Engineering) The Engineering Design of Systems: Models and Methods (Wiley Series in Systems Engineering and Management) Thin Film Materials: Stress, Defect Formation and Surface Evolution Multidisciplinary Head and Neck Reconstruction: A Defect-Oriented Approach Systems Engineering and Analysis (5th Edition) (Prentice Hall International Series in Industrial & Systems Engineering) Construction Defect Claims: Handbook for Insurance, Risk Management, Construction/Design Professionals Residential construction defect litigation: A view from the trenches Local Flaps in Facial Reconstruction: A Defect Based Approach Tissue Engineering I: Scaffold Systems for Tissue Engineering (Advances in Biochemical Engineering/Biotechnology) (v. 1) Selected Commercial Statutes for Payment Systems Courses: 2017 Edition (Selected Statutes) Solar PV Off-Grid Power: How to Build Solar PV Energy Systems for Stand Alone LED Lighting, Cameras, Electronics, Communication, and Remote Site Home Power Systems State Estimation in Electric Power Systems: A Generalized Approach (Power Electronics and Power Systems) Bioseparations Science and Engineering (Topics in Chemical Engineering)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)