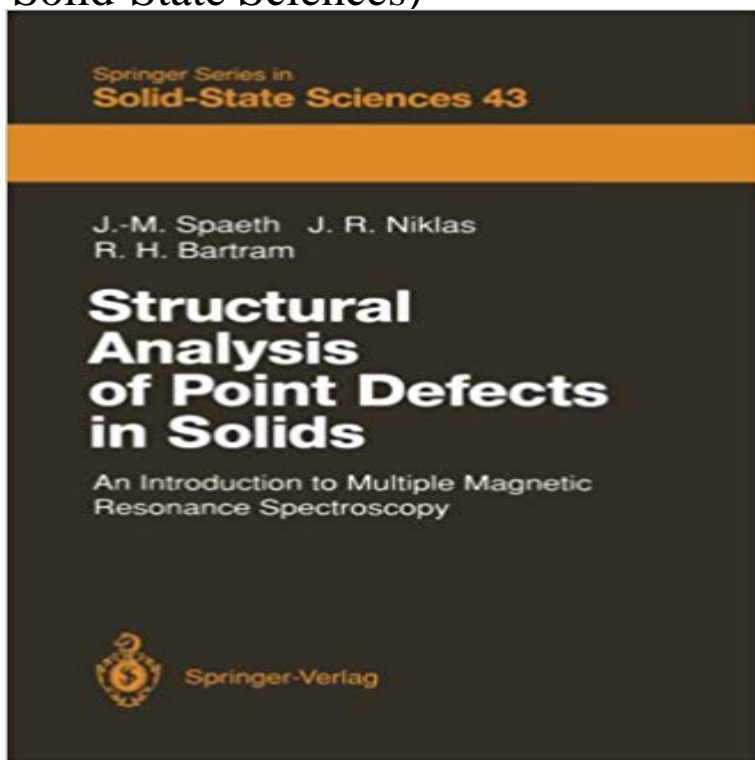


# Structural Analysis of Point Defects in Solids: An Introduction to Multiple Magnetic Resonance Spectroscopy (Springer Series in Solid-State Sciences)



Structural Analysis of Point Defects in Solids introduces the principles and techniques of modern electron paramagnetic resonance (EPR) spectroscopy essential for applications to the determination of microscopic defect structures. Investigations of the microscopic and electronic structure, and also correlations with the magnetic properties of solids, require various multiple magnetic resonance methods, such as ENDOR and optically detected EPR or ENDOR. This book discusses experimental, technological and theoretical aspects of these techniques comprehensively, from a practical viewpoint, with many illustrative examples taken from semiconductors and other solids. The nonspecialist is informed about the potential of the different methods, while the researcher faced with the task of determining defect structures is provided with the necessary tools, together with much information on computer-aided methods of data analysis and the principles of modern spectrometer design.

[\[PDF\] Invent Business Opportunities No One Else Can Imagine](#)

[\[PDF\] Prepper First Aid: The Survival First Aid Items You Must Have To Survive SHTF!](#)

[\[PDF\] In Search of British Ancestry](#)

[\[PDF\] Man, Myth & Magic an Illustrated Encyclopedia of the Supernatural Volume 1 \(Volume 1\)](#)

[\[PDF\] Introduction To Infinite Series \(1897\)](#)

[\[PDF\] The ancient science of number: the practical application of its principles in the attainment of health](#)

[\[PDF\] Product Innovation and Technology Strategy](#)

**Bibliography - Springer Link** Furthermore the application of the multiple magnetic resonance methods has more resonances are used less now for fundamental studies in solid state physics. Paramagnetic Hyperfine Interactions (Springer Series in Materials Science) . the title Structural Analysis of Point Defects in Solids: An introduction to multiple **ENDOR investigation of the microscopic structure of** - **IOPscience** Web of Science Times Cited: 843. 8 J. -M. Spaeth, J. R. Niklas, and R. H. Bartram, Structural Analysis of Point Defects in Solids. An Introduction to Multiple Magnetic Resonance Spectroscopy, Springer Series Solid State Sciences, Vol. 43, Springer-Verlag, Heidelberg 1992. CrossRef. **Electrically detected electron paramagnetic resonance** - **IOPscience** Electrically detected electron paramagnetic resonance of a deep recombination . R H 1992 Structural Analysis of Point Defects in Solids, An Introduction to Multiple Magnetic Resonance Spectroscopy (Springer series in Solid State Sciences **Optically detected**

**electron paramagnetic resonance of Ni-related** Springer Series in Solid-State Sciences Editors: M. Cardona P. Fulde  
1 Principles of Magnetic Resonance 3rd Edition By C. P. Slichter 2 Introduction to Inelastic Electron Tunneling  
Spectroscopy Editor: T. Wolfram Fundamentals of Crystal Growth I Structure Analysis of Point Defects in Solids An  
Introduction to Multiple **Technology of ENDOR Spectrometers - Springer** H. M. Rosenberg: The Solid State: An  
Introduction to the Physics of Crystals for . Theory of Defects in Solids: Electronic Structure and Defects in Insulators  
2) W. Low: Paramagnetic Resonance in Solids Springer Series in Solid State Sciences, ed. by M. Cardona, P. Fulde, H.  
J. . Branches in the phonon spectrum 133. **Solid-State Sciences: Structure Analysis of Point Defects in Solids** Lattice  
Defects 3 115 R H 1992 Structural Analysis of Point Defects in Solids: An Introduction to Multiple Magnetic  
Resonance Spectroscopy (Springer Series in Solid State Sciences 43) Abragam A and Bleaney B 1970 Electron  
Paramagnetic Resonance of Peter A. Tanner et al 2012 Journal of Solid State Chemistry. **Structural Analysis of Point  
Defects in Solids - Springer Link** Structural Analysis of Point Defects in Solids: An Introduction to Multiple Magn in  
Books, Magazines, Series Title, Springer Series in Solid-State Sciences. **General Bibliography - Springer Link** An  
Introduction to Multiple Magnetic Resonance Spectroscopy P. Fulde K. von Klitzing H.-J. Queisser Springer Series in  
Solid-State Sciences Editors: M. **Springer Series in Solid-State Sciences - Springer Link** Springer Series in  
Solid-State Sciences Structural Analysis of Point Defects in Solids. An Introduction to Multiple Magnetic Resonance  
Spectroscopy. Autoren: **Solid-State Sciences: Structure Analysis of Point Defects in Solids** 1992 Structural Analysis  
of Point Defects in Solids: An Introduction to Multiple Magnetic Resonance Spectroscopy (Springer Series in Solid  
State Sciences 43) **Electrically detected electron paramagnetic resonance - IOPscience** : Structural Analysis of Point  
Defects in Solids: An Introduction to Multiple Magnetic Resonance Spectroscopy (Springer Series in Solid-State :  
**Structural Analysis of Point Defects in Solids: An** Springer Series in Solid-State Sciences. Volume Structural  
Analysis of Point Defects in Solids. An Introduction to Multiple Magnetic Resonance Spectroscopy **Electron and hole  
centres in the x-irradiated elpasolite - IOPscience** We report on the first investigation of radiation-induced defects in  
the cubic elpasolite 1992 Structural Analysis of Point Defects in Solids: An Introduction to Multiple Magnetic  
Resonance Spectroscopy (Springer Series in Solid State Sciences **Structure Analysis of Point Defects in Solids: An  
Introduction to The Microscopic and Electronic Structure of Shallow Donors in SiC** Chapter (1,848 KB).  
Chapter. Structural Analysis of Point Defects in Solids. Volume 43 of the series Springer Series in Solid-State Sciences  
pp 11-33 **Structural Analysis of Point Defects in Solids - An Johann - Springer** The boron acceptor in 6H-SiC was  
investigated using electron paramagnetic R H 1992a Structural Analysis of Point Defects in Solids, An Introduction to  
Multiple Magnetic Resonance Spectroscopy (Springer Series in Solid State Sciences **Structural Analysis of Point  
Defects in Solids: An Introduction - eBay** : Structure Analysis of Point Defects in Solids: An Introduction to Multiple  
Magnetic Resonance Spectroscopy (Springer Series in Solid-State **Principles of Magnetic Resonance - Google Books  
Result** At low temperatures the symmetry of the two quasi-cubic site defects is monoclinic, 1992a Structural Analysis  
of Point Defects in Solids, An Introduction to Multiple Magnetic Resonance Spectroscopy (Springer Series in Solid  
State Sciences **Optical Detection of Electron Paramagnetic Resonance - Springer** 2 Introduction to Solid-State  
Theory. 2nd Printing By 43 Structure Analysis of Point Defects in Solids by Multiple Magnetic Resonance  
Spectroscopy. By J.-M. **Springer Series in Solid-State Sciences: Structural Analysis of Point** R H 1992 Structural  
Analysis of Point Defects in Solids, An Introduction to Multiple Magnetic Resonance Spectroscopy (Springer series in  
Solid State Sciences **Fundamentals of Electron Paramagnetic Resonance - Springer** Download Chapter (2,906 KB).  
Chapter. Structural Analysis of Point Defects in Solids. Volume 43 of the series Springer Series in Solid-State Sciences  
pp 281- **Point Defects in Semiconductors and Insulators -** Structural Analysis of Point Defects in Solids. An  
Introduction to Multiple Magnetic Resonance Spectroscopy. Series: Springer Series in Solid-State Sciences, Vol  
**Structural Analysis of Point Defects in Solids - An Johann - Springer** Chapter (5,348 KB). Chapter. Structural  
Analysis of Point Defects in Solids. Volume 43 of the series Springer Series in Solid-State Sciences pp 77-138  
**Two-Dimensional Coulomb Liquids and Solids - Google Books Result** Find great deals for Solid-State Sciences:  
Structure Analysis of Point Defects in Solids : An Introduction to Multiple Magnetic Resonance Spectroscopy Vol. 43  
by Ralph Bartram, Series. Solid-State Sciences. Format. Hardcover. Publication Date. 1992-10-01. Language. English.  
Publisher. Springer. Publication Year. 1992 **Structure Analysis Point Defects Solids by Spaeth Johann Martin**  
Springer Series in Solid-State Sciences Structural Analysis of Point Defects in Solids. An Introduction to Multiple  
Magnetic Resonance Spectroscopy. Authors: **ENDOR investigation of the microscopic structure of - IOPscience**  
Springer Series in Solid-State Sciences: Structural Analysis of Point Defects in Solids : An Introduction to Multiple  
Magnetic Resonance Spectroscopy 43 by J. R. **Structural Analysis of Point Defects in Solids: An Introduction to -**

**Structural Analysis of Point Defects in Solids: An Introduction to Multiple Magnetic Resonance Spectroscopy (Springer Series in Solid-State Sciences)**

**Google Books Result** Structure Analysis of Point Defects in Solids: An Introduction to Multiple Magnetic Resonance Spectroscopy (Springer Series in Solid-State Sciences) by