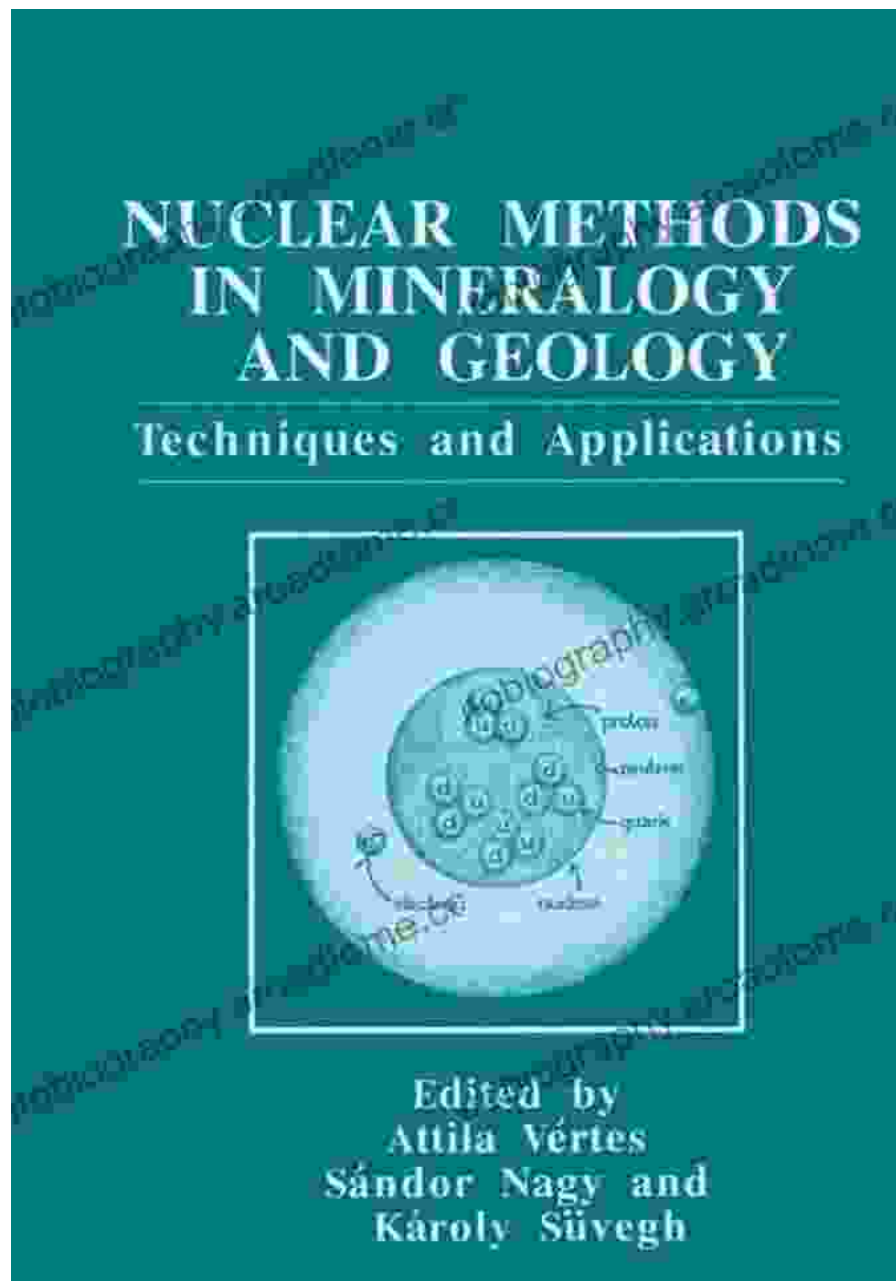


Unlock the Hidden Secrets of Earth's Composition with Nuclear Methods in Mineralogy and Geology

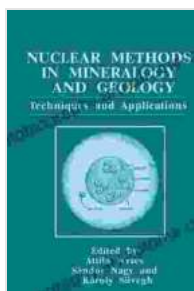


Discover the Cutting-Edge Techniques for Exploring Earth's Composition

The earth beneath our feet holds countless mysteries, revealing the history and evolution of our planet. Nuclear Methods in Mineralogy and Geology presents a comprehensive exploration of cutting-edge techniques that harness the power of radioactivity to unlock the secrets of minerals and geological formations. This authoritative text guides you through the fundamental principles, applications, and practical aspects of these methods, empowering you to delve into the depths of Earth's composition.

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Nuclear methods provide invaluable insights into the atomic structure, elemental composition, and crystallographic properties of minerals. This book covers a wide range of techniques, including:



Nuclear Methods in Mineralogy and Geology: Techniques and Applications (369) by Charles Sabo

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Language : English
File size : 64991 KB
Screen Reader : Supported
Print length : 568 pages



- Alpha spectroscopy: Identifying and quantifying radioactive isotopes in minerals
- Electron microprobe analysis: Determining the elemental composition of mineral surfaces
- X-ray diffraction: Unraveling the crystal structure and atomic arrangement of minerals

- Mössbauer spectroscopy: Studying the electronic and magnetic properties of iron-containing minerals
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Nuclear Methods in Mineralogy and Geology is an essential resource for researchers, students, and professionals in:

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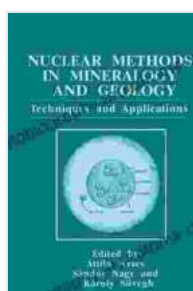
- Geology and geochemistry
- Environmental science
- Nuclear physics
- Exploration and mining

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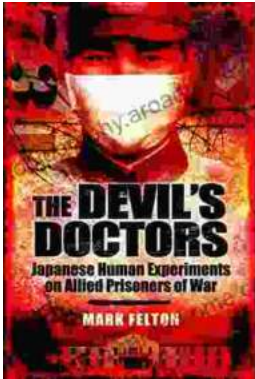
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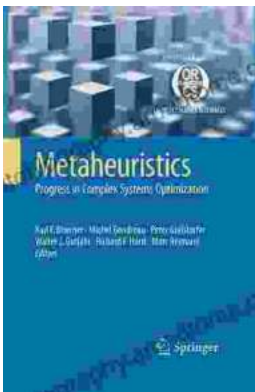
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