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Autore	Moss, M.E.
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Altri autori (Persone)	McKenzieIain PercivalPaul W
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Nota di contenuto

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Sommario/riassunto

This comprehensive reference, 'Muon Spin Spectroscopy: Methods and Applications in Chemistry and Materials Science,' authored by Donald G. Fleming, Iain McKenzie, and Paul W. Percival, explores the utilization of muons in chemical and material science research. The text delves into the principles and techniques of muon spin spectroscopy and its application to various complex systems, from chemical reactivity in the gas phase to condensed phases and materials chemistry. It provides insights into muonium chemistry, including the behavior of muoniated radicals, and covers topics such as spin relaxation studies and the interaction of muons with soft matter, organic materials, and biological systems. This book is targeted at researchers and professionals in the fields of chemistry and materials science, aiming to expand their understanding of muonic interactions and spectroscopic techniques.