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| Nota di contenuto | Front Cover; Contents; Foreword; Preface; Editors; Contributors; Chapter 1: Introduction to Endohedral Metallofullerenes; Chapter 2: Preparation and Purification of Endohedral Metallofullerenes; Chapter 3: Computational Studies of Endohedral Metallofullerenes; Chapter 4: NMR Spectroscopic and X-Ray Crystallographic Characterization of Endohedral Metallofullerenes; Chapter 5: Intrinsic Properties of Endohedral Metallofullerenes; Chapter 6: Chemistry of Conventional Endohedral Metallofullerenes and Cluster Endohedral Fullerenes Chapter 7: Oxidative Charge Transfer of EMFs, Biomedical Applications of EMFs, and EMF-Based Nanomaterials and Molecular Materials Chapter 8: Concluding Remarks and Perspectives; Back Cover |
| Sommario/riassunto | Knowledge on endohedral metallofullerenes (EMFs) has increased dramatically during the last decade. Numerous research findings have been reported, making it an opportune time to provide a systematic update on EMFs. Endohedral Metallofullerenes: Basics and Applications presents the most comprehensive review on all aspects of EMFs including their generation, extraction and isolation, structural issues, theories, intrinsic properties, chemical behaviors, and potential applications. In this book, the editors have collected an impressive |

amount of information regarding this family of a truly sui ge
