



Physical Methods in Bioinorganic Chemistry

By Lawrence Que

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This text provides detailed coverage of physical methods used in bioinorganic chemistry. Individual chapters are devoted to electronic absorption spectroscopy, resonance Raman spectroscopy, electron paramagnetic resonance spectroscopy, ENDOR and ESEEM, magnetic circular dichroism, Mössbauer spectroscopy, magnetism, NMR spectroscopy as applied to paramagnetic systems, and x-ray absorption spectroscopy. The book aims to provide a fundamental understanding of each method and demonstrate how data obtained from a system of bioinorganic interest can be interpreted. Case studies are presented in the last chapter in which more than one technique has been applied to gain insight into each given bioinorganic problem. By integrating theory with experimentation and providing an orientation that is more biological than that presented in previously published books, *Physical Methods in Bioinorganic Chemistry: Spectroscopy and Magnetism* will serve as an important new text for students of bioinorganic chemistry, biochemistry, molecular biology, and their professors.

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Editorial Review

Review

This book is a very valuable addition to the Bioinorganic Chemistry literature. --Journal of Biological Inorganic Chemistry

This book will be useful as a text in a course for advanced undergraduates and beginning graduate students. -
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About the Author

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