

1. Record Nr.	UNINA9910830251103321
Autore	Hammes Gordon G. <1934->
Titolo	Spectroscopy for the biological sciences [[electronic resource] /] / Gordon G. Hammes
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2005
ISBN	1-280-27738-6 9786610277384 0-471-73355-5 0-471-73354-7
Descrizione fisica	1 online resource (192 p.)
Altri autori (Persone)	HammesGordon G. <1934->
Disciplina	572
Soggetti	Biomolecules - Spectra Spectrum analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Companion v. to: Thermodynamics and kinetics for the biological sciences / Gordon G. Hammes. c2000.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Fundamentals of spectroscopy -- X-ray crystallography -- Electronic spectra -- Circular dichroism, optical rotary dispersion, and fluorescence polarization -- Vibrations in macromolecules -- Principles of nuclear magnetic resonance and electron spin resonance -- Applications of magnetic resonance in biology -- Mass spectrometry.
Sommario/riassunto	An introduction to the physical principles of spectroscopy and their applications to the biological sciencesAdvances in such fields as proteomics and genomics place new demands on students and professionals to be able to apply quantitative concepts to the biological phenomena that they are studying. Spectroscopy for the Biological Sciences provides students and professionals with a working knowledge of the physical chemical aspects of spectroscopy, along with their applications to important biological problems.Designed as a companion to Professor Hammes's Thermodynamics and Kin