



CHEMISTRY

Handbook of High-resolution Spectroscopy

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Martin Quack and Frédéric Merkt
(Editors-in-Chief)

The field of High-resolution Spectroscopy has been considerably extended and even redefined in some areas. Combining the knowledge of spectroscopy, laser technology, computation, and experiments, the *Handbook of High-resolution Spectroscopy* provides a comprehensive survey of the whole field as it presents itself today, with emphasis on the recent developments.

This essential handbook for advanced research students, graduate students, and researchers takes a systematic approach through the range of wavelengths and includes the latest advances in experiment and theory that will help and guide future applications.



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- Combines theoretical, computational and experimental aspects
- Edited by two leaders in this field
- Provides an overview of rotational, vibrational, electronic and photoelectron spectroscopy

Volume 1 - Fundamentals and Theory

Volume 2 - From MW to IR and UV Spectroscopy

Volume 3 - Special Techniques and Applications

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