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Practical NMR Spectroscopy Laboratory Guide: Using Bruker Spectrometers

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Practical NMR Spectroscopy Laboratory Guide is designed to provide non-expert NMR users, typically graduate students in chemistry, an introduction to various facets of practical solution-state NMR spectroscopy. Each chapter offers a series of hands-on exercises, introducing various NMR concepts and experiments and guiding the reader in running these experiments using an NMR spectrometer. The book is written for use with a Bruker NMR spectrometer running TopSpin software versions 1 or 2. This practical resource functions both as a text for instructors of a practical NMR course and also as a reference for spectrometer administrators or NMR facility directors when doing user training. This guide serves as serve as excellent, practical resource on its own or as a companion book to Timothy Claridge's *High-Resolution NMR Techniques in Organic Chemistry, 2nd Edition* (Elsevier, 2009).

- Written by experts in solution-state NMR spectroscopy
- Provides step-by-step instructions for more than 50 activities using a Bruker NMR spectrometer
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