Modelling 1H NMR Spectra of Organic Compounds: Theory, Applications and NMR Prediction Software
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DESCRIPTION

• Provides a theoretical introduction to graduate scientists and industrial researchers towards the understanding of the assignment of 1H NMR spectra

• Discusses, and includes on enclosed CD, one of the best, the fastest and most applicable pieces of NMR prediction software available

• Allows students of organic chemistry to solve problems on 1H NMR with access to over 500 assigned spectra

ABOUT THE AUTHOR

Raymond Abraham was appointed lecturer in organic chemistry at the The University of Liverpool in 196. Since then he has remained at Liverpool, with two fellowships taken at the Mellon Institute and the University of Trondheim in 1966 and 1979 respectively, now holding the position of Emeritus Professor. His research interests include: Molecular modelling and Proton Chemical Shift Predictions; Non-bonded and Hydrogen bonding Interactions and Conformational Analysis; and Lanthanide Induced Shifts and Molecular Geometries. He has over 300 publications including three books and ten reviews.
Mehdi Mobli is currently a post-doctoral research fellow at Manchester University, having completed his B.Sc in chemical engineering at Chalmers University of Technology in Sweden and his Ph.D. with Professor Abraham at The University of Liverpool. He has published 10 papers mainly in conjunction with Professor Abraham, all focused on the topic of this text.

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