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Autore	Bigler Peter
Titolo	NMR spectroscopy [[electronic resource]] : processing strategies / / Peter Bigler
Pubbl/distr/stampa	Weinheim ; ; New York, : Wiley-VCH, c2000
ISBN	1-281-76414-0 9786611764142 3-527-61342-0 3-527-61343-9
Edizione	[2nd updated ed.]
Descrizione fisica	1 online resource (273 p.)
Collana	Spectroscopic techniques : an interactive course
Disciplina	538.362 543.0877
Soggetti	Nuclear magnetic resonance spectroscopy - Data processing Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Spectroscopic Techniques: An Interactive Course; Table of Contents; 1 Introduction; 1.1 Scope and Audience; 1.2 Organisation; 1.3 Personal Qualifications; 1.4 Content; 1.5 Recommended Reading; 2 Your Personal "PC-NMR -Processing Station"; 2.1 Introduction; 2.2 Technical Requirements; 2.3 Software Tools; 2.3.1 General; 2.3.2 Installation of 1D WIN-NMR, 2D WIN-NMR and GETFILE; 2.3.3 Starting GETFILE, 1D WIN-NMR and 2D WIN-NMR; 2.4 Software- and Hardwareproblems; 2.5 NMR Data; 2.5.1 Samples; 2.5.2 Experiments; 2.5.3 Experimental Conditions; 2.5.4 Directory Structure 2.5.5 Copying the NMR Data from the CD to your Hard Disk2.5.6 Useful Options in the MS WINDOWS 95 Operating System; 2.6 Data Formats; 2.6.1 WINNMR Format; 2.6.2 UXNMR/XWINNMR Format; 2.6.3 DISNMR Format; 2.6.4 NMR Data Formats of other Manufacturers: Varian, JEOL, GE; 2.6.5 Other Formats: ASCII, JCAMP-DX; 2.7 Data Import and Export; 2.7.1 Network-Example; 2.7.2 Transfer and Conversion of NMR Data stored on Remote Computers; 2.7.2.1 UXNMR/XWINNMR-Format; 2.7.2.2 DISNMR-Format; 2.7.3 Decomposition of 2D Data Files; 2.8 References

3 Modern Homo- and Heteronuclear 1D and 2D NMR Experiments: A Short Overview3.1 Introduction; 3.2 The NMR Experiment; 3.3 1D Experiments; 3.3.1 1H Experiments; 3.3.1.1 1H One Pulse Experiment; 3.3.1.2 1H {1H} Selective Decoupling Experiment [3.1]; 3.3.1.3 1H {1H} Total Correlation Spectroscopy (TOCSY) Experiment [3.2]; 3.3.1.4 1H {1H} Nuclear Overhauser (NOE) Experiment [3.3]; 3.3.1.5 1H {1 H} Nuclear Overhauser Experiment in the Rotating Frame (ROE) [3.4]; 3.3.2 13C Experiments; 3.3.2.1 13C One-Pulse Experiment; 3.3.2.2 13C DEPT Experiment [3.5]; 3.3.2.3 13C JMOD (APT) Experiment [3.6,3.7] 3.3.2.4 13C T1 Inversion-Recovery Experiment [3.8,3.9]3.4 2D Experiments; 3.4.1 1H/1H Experiments [3.10,3.11]; 3.4.1.1 1H/1H COSY Experiment [3.10,3.11]; 3.4.1.2 1H/1H TOCSY Experiment [3.12,3.13]; 3.4.1.3 1H/1H NOESY and 1H/1H ROESY Experiments [3.14,3.15]; 3.4.1.4 1H/1H J -Resolved Spectroscopy Experiment [3.16]; 3.4.2 1H/13C Experiments; 3.4.2.1 1H/13C Shift Correlation Spectroscopy via 1JCH[3.17- 3.21]; 3.4.2.2 1H/13C Shift Correlation Spectroscopy via nJCH[3.22]; 3.4.2.3 1H/13C Shift Correlation Spectroscopy via 1JCH and 1H/1H TOCSY Transfer [3.23]; 3.5 Recommended Reading
4 How to Display and Plot 1D and 2D NMR Spectra4.1 Introduction; 4.2 Help Routines; 4.3 Application Windows for 1D WIN-NMR and 2D WIN-NMR; 4.4 File Handling; 4.5 Display of 1D Spectra with 1D WIN-NMR; 4.5.1 Buttons with 1D WIN-NMR [Spectrum]; 4.5.2 Additional Display Options with 1D WIN-NMR; 4.5.3 The Use of Scroll Bars, Keys and Function Keys with 1D WIN-NMR; 4.6 Basic Processing Steps with 1D Spectra; 4.6.1 Cali bration; 4.6.2 Peak Picking; 4.6.3 Integration; 4.6.4 Simple Spectral Analysis; 4.7 Plotting 1D Spectra; 4.7.1 Define Plot; 4.7.2 Page Layout
4.7.2.1 Page Layout Dialog Box in Normal 1D Display Mode

Sommario/riassunto

Text for the series ""Spectroscopic Techniques"":Leading software designers and teachers of spectroscopy have pooled their expertise to devise a new series ""Spectroscopic Techniques: An Interactive Course"". User are able to gain a better understanding of a variety of spectroscopic techniques in these step-by-step guides.Let the experts show you new solutions to practiced problems using software provided on the interactive CD-ROM.

2. Record Nr. UNISA996418305803316

Titolo	Engineering Trustworthy Software Systems [[electronic resource]] : 5th International School, SETSS 2019, Chongqing, China, April 21–27, 2019, Tutorial Lectures / / edited by Jonathan P. Bowen, Zhiming Liu, Zili Zhang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-55089-3
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVII, 221 p. 32 illus.)
Collana	Programming and Software Engineering ; ; 12154
Disciplina	005.1
Soggetti	Software engineering Computer communication systems Artificial intelligence Computer programming Architecture, Computer Natural language processing (Computer science) Software Engineering/Programming and Operating Systems Computer Communication Networks Artificial Intelligence Programming Techniques Computer System Implementation Natural Language Processing (NLP)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Seamless Model-based System Development: Foundations -- From Bounded Reachability Analysis of Linear Hybrid Automata to Verification of Industrial CPS and IoT -- Weakest Preexpectation Semantics for Bayesian Inference: Conditioning, Continuous Distributions and Divergence -- K - A Semantic Framework for Programming Languages and Formal Analysis Tools -- Software Abstractions and Human-Cyber-Physical Systems Architecture Modelling.
Sommario/riassunto	This book constitutes the refereed proceedings of the 5th International

	School on Engineering Trustworthy Software Systems, SETSS 2019, held in Chongqing, China, in April 2019. The five chapters in this volume provide lectures on leading-edge research in methods and tools for use in computer system engineering. The topics covered in these chapters include Seamless Model-based System Development: Foundations; From Bounded Reachability Analysis of Linear Hybrid Automata to Verification of Industrial CPS and IoT; Weakest Preexpectation Semantics for Bayesian Inference: Conditioning, Continuous Distributions and Divergence; K – A Semantic Framework for Programming Languages and Formal Analysis Tools; and Software Abstractions and Human-Cyber-Physical Systems Architecture Modelling.

3.

Record Nr.	UNICAMPANIAVAN0052963
Autore	Bok, Julien
Titolo	Ondes electromagnetiques, relativite : cours / Julien Bok, Nicole Hulin-Jung
Pubbl/distr/stampa	Paris, : Hermann, 1991
ISBN	978-27-05-66116-8
Edizione	[Nouvelle édition revue et corrigée]
Descrizione fisica	XII, 284 p. : ill. ; 22 cm
Altri autori (Persone)	Hulin-Jung, Nicole
Soggetti	78A25 - Electromagnetic theory, general [MSC 2020]
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia