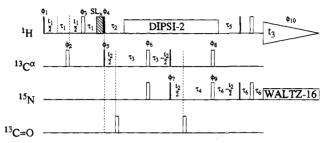
Additions and Corrections

Reduced Dimensionality in Triple-Resonance NMR Experiments [J. Am. Chem. Soc. 1993, 115, 9307–9308]. T. SZYPERSKI, G. WIDER, J. H. BUSHWELLER, AND K. WUTHRICH*

Page 9308: In Figure 2, we inadvertently placed the reversed INEPT and the WALTZ-16 decoupling schemes in the ${}^{13}C^{\alpha}$ channel instead of the ${}^{15}N$ channel. The corrected experimental scheme which was used to record the HA <u>CA</u> <u>N</u> HN experiment of Figure 1 is shown below. This correction does not affect the conclusions of the paper.



Total Synthesis of (+)-Piperazinomycin [J. Am. Chem. Soc. 1993, 115, 11426–11433]. DALE L. BOGER' AND JIACHENG ZHOU Page 11432: The $[\alpha]^{25}_{D}$ value for compound 5 is +9.6 (c 0.5, CHCl₃).

We are grateful to Professor A. J. Pearson for bringing this error to our attention.

Book Reviews *

Materials Science and Technology, A Comprehensive Treatment. Volume 2A. Characterization of Materials Part I. Edited by R. W. Cahan, P. Haasen, and E. J. Kramer. VCH Publishers: New York. 1992. xii + 724 pp. \$325.00. ISBN 0-89573-690-X. (Volume Editor, Eric Lifshin (General Electric Company)).

This comprehensive survey of methods for materials characterization includes chapters examining optical and electron microscopy, optical and X-ray emission, and X-ray and electron diffraction. Additional chapters describe thermal analysis, synchrotron radiation methods, and polymer procedures. Chapter authors provide ample detail to identify specific materials applications and limitations of each method examined. Recent advances, excellent tables and illustrations, and a comprehensive index are notable. This volume, recommended for chemists, physicists, materials scientists, and engineers, could be used for a graduate-level course in materials characterization. Extensive references and reading lists following each chapter identify sources for additional, specific, and detailed information.

Michael M. Reddy, U.S. Geological Survey

Advances in Chemical Physics. Volumes LXXXI, LXXXIII, LXXXIV, LXXXVI. Edited by I. Prigogine (University of Texas) and Stuart A. Rice (The University of Chicago). John Wiley and Sons: New York. Volume LXXXI: 1992. x + 822 pp. \$150.00. ISBN 0-471-54570-8. Volume LXXXII: 1993. xii + 744 pp. \$215.00. ISBN 0-471-54018-8. Volume LXXXIV: 1993. x + 550 pp. \$150.00. ISBN 0-471-58726-5. Volume LXXXVI: 1993. xii + 434 pp. \$125.00. ISBN 0-471-59845-3.

Volume LXXXI contains the following chapters: Transition State Spectroscopy of Bimolecular Reactions Using Negative Ion Photodetachment by Richardo B. Metz, Stephen E. Bradforth, and Daniel M. Nuemark; Infrared Vibrational Predissociation Spectroscopy of Small Size-Selected Clusters by Friedrich Huisken; The Dynamics of Triplet Excitons in Mixed Molecular Crystals by Ross Brown and Philemon Kottis; Theoretic Physicochemical Problems of Clathrate Compounds by Vladimir E. Zubkus, Evaldas E. Tornau, and Vladimir R. Belosludov; Simulation and Symmetry in Molecular Diffusion and Spectroscopy by M. W. Evans; Vibronic Interactions in Polynuclear Mixed-Valence Clusters by I. B. Bersuker and S. A. Borshch.

Volume LXXXIII contains the following chapters: Time-Resolved Optical Tests for Electronic Geometric Phase Development by Jeffrey A. Cina, Timothy J. Smith, Jr., and Victor Romero-Rochin; On Global Energy Conservation in Nonlinear Light-Matter Interaction: The Nonlinear Spectroscopies, Active and Passive by Duckhwan Lee and A. C. Albrecht; A Many-Body Stochastic Approach to Rotational Motions in Liquids by Antonino Polimeno and Jack H. Freed; Some Structural-Electronic Aspects of High Temperature Superconductors by Jeremy K. Burdett; On the Theory of Debye and Neel Relaxation of Single Domain Ferromagnetic Particles by W. T. Coffey, P. J. Cregg, and Yu P. Kalmykov; The Algebra of Effective Hamiltonians and Operators: Exact Operators by Vincent Hurtubise and Karl F. Freed; Melting and Liquid Structure in Two Dimensions by Matthew A. Glaser and Noel A. Clark.

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These books are part of a series devoted to a wide variety of topics in chemical physics by experts in the field. Each volume contains an author and subject index.

^{*}Unsigned book reviews are by the Book Review Editor.