

Zeitschrift: L'Enseignement Mathématique
Herausgeber: Commission Internationale de l'Enseignement Mathématique
Band: 48 (2002)
Heft: 3-4: L'ENSEIGNEMENT MATHÉMATIQUE

Kapitel: Logique et fondements

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

Download PDF: 17.04.2026

ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>

Logique et fondements

Walter A. CARNIELLI, Marcelo E. CONIGLIO, Itala M. LOFFREDO D'OTTAVIANO, (Editors). — **Paraconsistency: the logical way to the inconsistent.** — Proceedings of the World Congress held in São Paulo. — Lecture notes in pure and applied mathematics, vol. 228. — ISBN 0-8247-0805-9. — Prix: US\$ 185.00. — Marcel Dekker, New York, 2002.

This compilation of the material presented at the 2nd World Congress on Paraconsistency introduces the logics of formal inconsistency... details several well-known paraconsistent systems and their subclasses, and highlights several new varieties of paraconsistent structures... establishes new relationship between paraconsistent, ambiguous, fuzzy, many-valued, and modal logics... presents innovative approaches to the problem of referential and inferential many valuedness... proposes a logical system to place the study of antinomies in its most general setting... introduces the system NCG_w , a sequent calculus formulation equivalent to da Costa's system C_w , and obtains new results on proof theory for this system... evaluates systems of logic such as Inconsistent Default Logic (IDL) and Logic of Epistemic Inconsistency (LEI) well suited to formalize reasoning under incomplete knowledge.

David MARKER. — **Model theory: an introduction.** — Graduate texts in mathematics, vol. 217. — Un vol. relié, 16×24, de VIII, 342 p. — ISBN 0-387-98760-6. — Prix: € 64.95. — Springer, New York, 2002.

This book is a modern introduction to model theory that stresses applications to algebra throughout the text. The first half of the book includes classical material on model construction techniques, types spaces, prime models, saturated models, countable models, and indiscernibles and their applications. The author also includes an introduction to stability theory beginning with Morley's Categoricity Theorem and concentrating on omega-stable theories. One significant aspect of this text is the inclusion of chapters on important topics not covered in other introductory texts, such as omega-stable groups and the geometry of strongly minimal sets. The author then goes on to illustrate how these ingredients are used in Hrushovski's applications to Diophantine geometry.

Analyse combinatoire

Béla BOLLOBAS, (Editor). — **Contemporary combinatorics.** — Bolyai Society mathematical studies, vol. 10. — Un vol. relié, 17×24,5, de 301 p. — ISBN 3-540-4275-2. — Prix: € 69.95. — Springer, Berlin, Janos Bolyai Mathematical Society, Budapest, 2002.

This volume is a collection of survey papers in combinatorics that have grown out of lectures given in the Workshop on Probabilistic Combinatorics at the Paul Erdős Summer Research Center in Mathematics in Budapest. The papers, reflecting the many facets of modern-day combinatorics, will be appreciated by specialists and general mathematicians alike: assuming relatively little background, each paper gives a quick introduction to an active area, enabling the reader to learn about the fundamental results and appreciate some of the latest developments. An important feature of the articles, very much in the spirit of Erdős, is the abundance of open problems.

Alan TUCKER. — **Applied combinatorics.** — Fourth edition. — Un vol. relié, 16×24, de IX, 446 p. — ISBN 0-471-43809-X. — Prix: £ 40.95. — John Wiley, New York, 2002.

From the preface: This book teaches students in the mathematical sciences how to reason and model combinatorially. It seeks to develop proficiency in basic discrete math problem solving in the way that a calculus textbook develops proficiency in basic analysis problem solving.