

## Book Review Column

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In this issue of SIGMOD RECORD we are again able to take advantage of reading three new reviews.

**Data Mining: Concepts and Techniques** by Jiawei Han and Micheline Kamber Review by *Fernando Berzal and Nicolás Marín*. A textbook on data mining that can be expected to become a classic. The review confirms that viewpoint and provides an overview of the topics covered that is as comprehensive as the book itself.

**Mining the World Wide Web: An Information Search Approach** by George Chang, Marcus J. Healey (Editor), James A. M. McHugh, Jason T. L. Wang. Review by *Aris Ouksel*. This book covers special topics related to web mining, including web search, web mining and web crawling. It can be seen as a valuable complement to textbooks, such as Han and Kamber's book that has been introduced before.

**Data Warehousing and Business Intelligence for E-Commerce** by Alan R. Simon & Steven L. Shaffer. Review by *Frank G. Goethals*. This book provides a non-technical and practitioners view on the role of data warehousing and business intelligence tools in business. It furthermore provides a thorough discussion of business models. Thus it can be a useful information source for applied DB researchers.

I am still awaiting responses to my call for reviews of the books I have proposed last time. In particular, since we have in the meanwhile a good coverage of data mining, I would like to achieve the same for the area of data management on the Web. *Therefore, for keeping the column going on your contribution is required.*

For the next issue I include some more books in the general area of data management and the Web. I will continue to list here only newly proposed books. The complete list of books, including those proposed in previous issues, can be found at the Web page

<http://www.acm.org/sigmod/record/bookreviews.html>.

There you also find book review guidelines.

If you are interested in submitting a book review for either proposed books or books you have selected on your own contact me by E-mail (karl.aberer@epfl.ch). I will try to obtain a copy of a book from the publisher, if needed. Reviews for the forthcoming September 2002 issue should be submitted by July 1<sup>st</sup>, 2002. The length of a book review should not exceed 2 pages.

If you would like to contribute to this column, to propose other books for review or to express your opinion on this column in general, please don't hesitate to contact me. I am looking forward to your contributions.

Karl Aberer,  
Associate Editor.

New books proposed for the next issue:

### *DATABASE TEXTBOOKS*

**Database Systems - Concepts, Languages and Architectures**, Paolo Atzeni, Stefano Ceri, Stefano Paraboschi and Riccardo Torlone McGraw Hill, 1999.

**Entity-Relationship Modeling**, Bernhard Thalheim, Springer, 2000.

### *SPECIAL DATABASE TOPICS*

**Principles of Distributed Database Systems**, M. Tamer Ozsu, Patrick Valduriez, Prentice Hall, 1999.

**Ontologies: A Silver Bullet for Knowledge Management and Electronic Commerce**, Dieter Fensel, Springer, 2001.

**XML The Complete Reference**, Heather Williamson, McGraw-Hill, 2001.

### *GENERAL INTEREST*

**The Grid: Blueprint for a New Computing Infrastructure**. Edited by Ian Foster and Carl Kesselman. Morgan Kaufmann, 1998.

**Peer-to-Peer: Harnessing the Power of Disruptive Technologies**. Edited by Andy Oram, O'Reilly & Associates, 2001.