Book Review Column

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In this issue of SIGMOD RECORD we present two new reviews.

Managing Gigabytes: Compressing and Indexing documents and images by Ian H. Witten, Alistair Moffat, and Timothy C. Bell. Review by *S. V. Nagaraj*. This book provides a comprehensive introduction into compression and indexing techniques as they are required for large-scale retrieval systems. In particular the book highlights the many relationships that exist among compression and indexing techniques.

Database Tuning Principles, Experiments, and Troubleshooting Techniques by Dennis Shasha and Philippe Bonnet. Review by *Nancy Hartline Bercich*. This book is among the few that addresses the important issue of a systematic approach to improving database performance. The reviewer comments on the book from a practicioner's viewpoint.

For the next issue I am proposing a number of interesting new books in the area of Web-based systems that have appeared recently. Please note that a growing number of books proposed for review are available at

www.acm.org/sigmod/record/bookreviews.html

Use this list just as a suggestion and feel free to also select other books among your favorite books for reviews. In particular I am awaiting still reviews on standard database textbooks. Our community is surely interested in learning about good textbooks and experiences made when using them for teaching. At the Web page 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 2004 issue should be submitted by July 1st, 2004. 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:

SPECIAL DATABASE TOPICS

Designing Data-Intensive Web Applications Stefano Ceri, Piero Fraternali, Aldo Bongio, Marco Brambilla, Sara Comai, Maristella Matera, Morgan Kaufmann, 2002.

Developing Web Information Systems, From Strategy to Implementation Richard Vidgen, Elsevier, 2002.

Web Data Management: A Warehouse Approach Sourav S. Bhowmick, Sanjay Madria, Wee Keong Ng, Springer Professional Computing, Spinger, 2003.

Web Services Concepts, Architectures and Applications Alonso, G., Casati, F., Kuno, H., Machiraju, V., Springer, 2004.