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Database Technologies: Concepts, Methodologies, Tools, and Applications



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The expanding possibilities and promising current and future potential that lies within the advancing field of database technologies encompasses many aspects of life as its beneficial features and innovative functions are seen impacting society at countless diverse angles.

Database Technologies: Concepts, Methodologies, Tools, and Applications expands the field of database technologies through four-volumes of in-depth, advanced research articles from nearly 300 of the world's leading professionals. This breakthrough publication contains over 200 chapters of important concepts, methods, and functions of database technologies, covering topics such as conceptual modeling, data warehousing, and Web-based information systems. Database Technologies: Concepts, Methodologies, Tools, and Applications is a paramount contribution to the technology field and a must-have for libraries.

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- Computational Algorithms for Databases
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- Decision-Support Systems for Database Improvement
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- Fuzzy Databases and Advanced Database Technologies
- Intelligent Agents for Databases
- Knowledge Discovery in Database Applications
- Object-Oriented Technologies for Database Applications
- Spatial and Temporal Technologies for Databases
- Text Mining in Databases
- Web Portals and Database Architectures
- Web-Based Information Systems and Database Creation
- XML and Extensible Languages for Database Development

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John Erickson is an assistant professor in the College of Business Administration at the University of Nebraska at Omaha. His research interests include UML, software complexity and Systems Analysis and design issues. He has published in journals such as the CACM, JDM, and in conferences such as AMICIS, ICIS WITS, EMMSAD, and CAISE. He has also co-authored several book chapters.



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