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	Nota di contenuto	1. Data, information and knowledge in the computer era -- 2. The quest for data adequacy and simplicity : the entity-relationship data model (E-RDM) -- 3. The quest for data independence, minimal plausibility, and formalization : the relational data model (RDM) -- 4. Relational schemas implementation and reverse engineering -- 5. Conclusion.
	Sommario/riassunto	This new book aims to provide both beginners and experts with a completely algorithmic approach to data analysis and conceptual modeling, database design, implementation, and tuning, starting from vague and incomplete customer requests and ending with IBM DB/2, Oracle, MS SQL Server, or Access-based software applications. A rich panoply of solutions to actual useful data sub-universes-such as business, university, public and home library, geography, and history-is provided, constituting a powerful library of examples.