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Titolo	Temporal Databases: Research and Practice [[electronic resource] /] / edited by Opher Etzion, Sushil Jajodia, Suryanarayana Sripada
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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1399
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Nota di contenuto	An object-oriented framework for temporal data models -- An architecture for supporting interoperability among temporal databases -- Extended update functionality in temporal databases -- On transaction management in temporal databases -- Implementation options for time-series data -- Expressive power of temporal relational query languages and temporal completeness -- Transitioning temporal support in TSQL2 to SQL3 -- Valid time and transaction time proposals: Language design aspects -- Point-based temporal extensions of SQL and their efficient implementation -- Applicability of temporal data models to query multilevel security databases: A case study -- An architecture and construction of a business event manager -- Discovering unexpected patterns in temporal data using temporal logic -- Querying the uncertain position of moving objects -- Temporal database bibliography update -- The consensus glossary of temporal database concepts — February 1998 version -- A glossary of time granularity concepts.
Sommario/riassunto	This book grew out of a Dagstuhl seminar organized by the volume editors in June 1997. After the seminar, submissions for this book were solicited both from and beyond the group of participants. A peer review process followed, from which only original papers of the highest quality on the state of the art in the field were accepted for presentation in the book. The volume is divided into parts on temporal database

infrastructure, temporal query languages, and advanced applications. A comprehensive bibliography, glossaries for both temporal database and time granularity concepts, and summaries of current work are also provided. The book is the ultimate reference for anyone actively involved in temporal database research and design or who is interested in their applications.
