

1. Record Nr.	UNINA9910768474803321
Titolo	Transactions and Change in Logic Databases [[electronic resource]] : International Seminar on Logic Databases and the Meaning of Change, Schloss Dagstuhl, Germany, September 23-27, 1996 and ILPS'97 Post-Conference Workshop on (Trans)Actions and Change in Logic Programming and Deductive Databases(DYNAMICS'97), Port Jefferso / / edited by Burkhard Freitag, Hendrik Decker, Michael Kifer, Andrei Voronkov
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1998
ISBN	3-540-49449-9
Edizione	[1st ed. 1998.]
Descrizione fisica	1 online resource (X, 398 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1472
Disciplina	005.75/7
Soggetti	Software engineering Database management Artificial intelligence Computer programming Software Engineering/Programming and Operating Systems Database Management Artificial Intelligence Programming Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	The state of change: A survey -- Specification of dynamics for knowledge-based systems -- On active deductive databases: The statelog approach -- Active-U-Datalog: Integrating active rules in a logical update language -- Logical transactions and serializability -- Results on reasoning about updates in Transaction Logic -- The dynamics of database views -- Inductive definability and the situation calculus -- Some notes on knowledge assimilation in deductive databases -- Applications of belief revision -- Analysing rational properties of change operators based on forward chaining -- A practical approach to hypothetical database queries -- From

extensional to intensional knowledge: Inductive logic programming techniques and their application to deductive databases.

Sommario/riassunto

This book constitutes the thoroughly refereed and revised post-workshop proceedings of two international meetings devoted to deductive databases and logic programming. The technical papers presenting original research results were carefully reviewed and selected for inclusion in the present book, together with several survey articles summarizing the state of the art in the area. Thus, the book is the ultimate reference for anybody interested in the theory and application of deductive databases and logic programming.
