

1. Record Nr.	UNISA996466199003316
Titolo	Declarative Programming and Knowledge Management [[electronic resource] ] : Conference on Declarative Programming, DECLARE 2017, Unifying INAP, WFLP, and WLP, Würzburg, Germany, September 19–22, 2017, Revised Selected Papers // edited by Dietmar Seipel, Michael Hanus, Salvador Abreu
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-030-00801-0
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (X, 215 p. 32 illus.)
Collana	Lecture Notes in Artificial Intelligence ; ; 10997
Disciplina	005.131
Soggetti	Artificial intelligence Computer programming Software engineering Numerical analysis Computer logic Artificial Intelligence Programming Techniques Software Engineering Numeric Computing Logics and Meanings of Programs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Constraints -- Constraint Solving on Hybrid Systems -- Run-time Analysis of Temporal Constrained Objects -- Implementation of Logical Retraction in Constraint Handling Rules with Justifications -- The Proportional Constraint and Its Pruning -- An Operational Semantics for Constraint-logic Imperative Programming -- Hypertree Decomposition: The First Step Towards Parallel Constraint Solving -- Declarative Systems -- Declarative Aspects in Explicative Data Mining for Computational Sensemaking -- An Approach for Representing Answer Sets in Natural Language -- Techniques for Efficient Lazy-Grounding ASP Solving -- Reasoning Principles and Heuristic Strategies in Modeling

Human Clusters -- Functional and Logic Programming -- Concolic Testing of Functional Logic Programs -- Declarative XML Schema Validation with SWI-Prolog -- plspec - A Specification Language for Prolog Data.

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Sommario/riassunto

This book constitutes revised selected papers from the 21st International Conference on Applications of Declarative Programming and Knowledge Management, INAP 2017, the 31st Workshop on Logic Programming, WLP 2017, and the 25th Workshop on Functional and (Constraint) Logic Programming, WFLP 2017. The 12 full papers presented in this volume were carefully reviewed and selected from 26 submissions. The contributions were organized in topical sections named: constraints; declarative systems; and functional and logic programming. .

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