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Collana	Programming and Software Engineering, , 2945-9168 ; ; 13165
Disciplina	005.131
Soggetti	Programming languages (Electronic computers) Application software Expert systems (Computer science) Computer science Computer engineering Computer networks Programming Language Computer and Information Systems Applications Knowledge Based Systems Theory of Computation Computer Engineering and Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Answer Set Programming -- Modelling the Outlier Detection Problem in ASP(Q) -- Multi-Agent Pick and Delivery with Capacities: Action Planning vs Path Finding -- Determining Action Reversibility in STRIPS Using Answer Set Programming with Quantifiers -- Functional Programming -- Functional Programming on Top of SQL Engines -- CircuitFlow: A Domain Specific Language for Dataflow Programming -- Languages, Methods and Tools -- Timed Concurrent Language for Argumentation: an Interleaving Approach -- Towards Dynamic Consistency Checking in Goal-directed Predicate Answer Set Programming -- Implementing Stable-Unstable Semantics with ASPTOOLS and Clingo -- Smart Devices and Large Scale Reasoning via

ASP: Tools and Applications -- Declarative Solutions --
Decomposition-based Job-shop Scheduling with Constrained
Clustering -- Modeling and Verification of Real-time Systems with the
Event Calculus and s(CASP) -- Parallel Declarative Solutions of
Sequencing Problems using Multi-valued Decision Diagrams and GPUs
-- Green Application Placement in the Cloud-IoT Continuum.

Sommario/riassunto

This book constitutes the refereed proceedings of the 24th International Conference on Practical Aspects of Declarative Languages, PADL 2022, held in Philadelphia, PA, USA, during January 17-18, 2022. The 9 full papers and 4 short papers included in this book were carefully reviewed and selected from 22 submissions. They were organized in topical sections as follows: answer set programming; functional programming; languages, methods and tools; and declarative solutions. .
