1. Record Nr. UNIBAS000006554

Autore	Aubert, Huguette
Titolo	Trace elements in soils / by H. Aubert, M. Pinta ; preface by Georges Aubert
Pubbl/distr/stampa	Amsterdam - Oxford - New York : Elsevier, 1977
ISBN	0-444-41511-4
Descrizione fisica	IX, 395 p. ; 25 cm.
Collana	Developments in soil science ; 7
Altri autori (Persone)	Pinta, Maurice
Disciplina	631.416
Soggetti	Pedologia
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNISA996464535103316

Titolo	Practical aspects of declarative languages : 24th international symposium, PADL 2022, Philadelphia, PA, USA, January 17-18, 2022 : proceedings / / James Cheney, Simona Perri (editors)
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	3-030-94479-4
Descrizione fisica	1 online resource (225 pages)
Collana	Lecture notes in computer science ; ; 13165
Disciplina	005.131
Soggetti	Declarative programming languages
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Intro -- Preface -- Organization -- Abstracts of Invited Talks -- People, Ideas, and the Path Ahead -- Declarative Programming and Education -- Contents -- Invited Talk -- People, Ideas, and the Path Ahead -- 1 Introduction -- 2 KR Methodology and Practical Applications -- 3 Hybrid Declarative Languages for Practical Applications -- 4 Intelligent Agents as Thought Partners -- 5 Conclusion -- References -- Answer Set Programming -- Modelling the Outlier Detection Problem in ASP(Q) -- 1 Introduction -- 2 Preliminaries -- 3 Outlier Detection -- 4 ASP(Q) Encoding -- 5 Experiments -- 6 Conclusion -- References -- Multi-agent Pick and Delivery with Capacities: Action Planning Vs Path Finding -- 1 Introduction -- 2 Related Work -- 3 MAPDC-P: Solving MAPDC with a Planning Approach -- 3.1 MAPDC as a Planning Problem -- 3.2 Solving MAPDC-P Using Multi-shot ASP -- 4 MAPDC-G: Solving MAPDC with a Path Finding Approach -- 4.1 MAPDC as a Graph Problem -- 4.2 Solving MAPDC-G Using Multi-shot ASP -- 5 Experimental Evaluations -- 6 Conclusions -- References -- Determining Action Reversibility in STRIPS Using Answer Set Programming with Quantifiers -- 1 Introduction -- 2 Background -- 3 Reversibility of Actions -- 4 ASP(Q) Encodings of Reversibility -- 4.1 the plasp Format -- 4.2 a Uniform Reversibility Encoding Using ASP(Q) -- 4.3 A Non-uniform Reversibility Encoding Using ASP(Q) -- 5 Experiments -- 6 Conclusions --

References -- Functional Programming -- Functional Programming on Top of SQL Engines -- 1 Recursive SQL UDFs: From 1000s of Plans to One Plan -- 2 Treating SQL UDFs Like Functions (Not Queries) -- 2.1 Transition from SQL to FP -- 2.2 From Recursion Towards Iteration: CPS and Defunctionalization -- 2.3 Trampolined Style: Single Loop Replaces Mutual Recursion -- 3 An Iterative SQL-Based Interpreter for Recursive UDFs.
3.1 Memoizing the Results of Recursive Calls -- 3.2 Optimizations: Slimmer/Shorter Working and Union Tables -- 4 Experiments: Functional Programming on Top of PostgreSQL -- 5 More Related Work -- 6 Wrap-Up -- References -- CircuitFlow: A Domain Specific Language for Dataflow Programming -- 1 Introduction -- 2 CircuitFlow Language -- 2.1 DataStores -- 2.2 Circuit Type -- 2.3 Circuit Constructors -- 2.4 CircuitFlow in Action -- 2.5 mapC Operator -- 3 CircuitFlow Under the Hood -- 3.1 Circuit API -- 3.2 Network Typeclass -- 3.3 The Basic Network Representation -- 3.4 Translation to a BasicNetwork -- 4 Benchmarks -- 5 Discussion and Related Work -- 6 Conclusion -- References -- Languages, Methods and Tools -- Timed Concurrent Language for Argumentation: An Interleaving Approach -- 1 Introduction -- 2 Background -- 3 Syntax and Semantics -- 4 Modelling a Dialogue -- 5 tcla Simulator -- 6 Related Work -- 7 Conclusion -- References -- Towards Dynamic Consistency Checking in Goal-Directed Predicate Answer Set Programming -- 1 Introduction -- 2 Background: S(CASP) -- 2.1 Execution Procedure of s(CASP) -- 2.2 Unsafe Variables and Uninterpreted Function Symbols -- 2.3 s(CASP) as a Conservative Extension of ASP -- 2.4 The s(CASP) Interpreter -- 3 Dynamic Consistency Checking in s(CASP) -- 3.1 Motivation -- 3.2 Outline of the DCC Approach -- 3.3 Implementation of DCC in s(CASP) -- 4 Evaluation -- 5 Conclusions -- References -- Implementing Stable-Unstable Semantics with ASPTOOLS and Clingo -- 1 Introduction -- 2 Preliminaries -- 2.1 Minimal and Stable Models -- 2.2 Stable-Unstable Semantics -- 3 Modularity -- 4 Translating NLPs into SAT -- 5 Saturation -- 6 Capturing Stable-Unstable Semantics -- 7 Implementation and Practical Modeling -- 7.1 Practical Modeling -- 7.2 Performance Analysis -- 8 Discussion and Conclusion -- References. Smart Devices and Large Scale Reasoning via ASP: Tools and Applications -- 1 Introduction -- 2 The DLV-LS System -- 3 A Use Case Application of DLV-LS -- 4 Conclusion -- References -- Declarative Solutions -- Decomposition-Based Job-Shop Scheduling with Constrained Clustering -- 1 Introduction -- 2 Job-Shop Scheduling Problem -- 3 Feature Extraction -- 4 Constrained Clustering Algorithm -- 5 Evaluation Results -- 6 Related Work -- 7 Conclusions -- References -- Modeling and Verification of Real-Time Systems with the Event Calculus and s(CASP) -- 1 Introduction -- 2 Background -- 2.1 Easy Approach to Requirement Syntax (EARS) -- 2.2 Basic Event Calculus (BEC) -- 2.3 Goal-Directed Answer Set Programming -- 3 Modeling and Verifying Cyber Physical Systems in EC -- 3.1 Train-Gate-Controller in EARS -- 3.2 Train-Gate-Requirements in EC Using s(CASP) -- 4 Checking Safety and Liveness of Train-Gate-Controller -- 4.1 Safety and Liveness Queries -- 5 Conclusion and Future Work -- References -- Parallel Declarative Solutions of Sequencing Problems Using Multi-valued Decision Diagrams and GPUs -- 1 Introduction -- 2 Background -- 2.1 Multi-valued Decision Diagrams -- 2.2 Large Neighborhood Search -- 2.3 GPGPU with CUDA -- 2.4 Related Works -- 3 Design and Implementation -- 3.1 Overview -- 3.2 LNS Parallelization -- 3.3 Implementation Details -- 4 Results and Analysis -- 4.1 Results -- 4.2 Analysis -- 5 Conclusions and Future Work -- References -- Green Application Placement in the