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Nota di contenuto	-- On Bridging Prolog and Python to Enhance an Inductive Logic Programming System. -- Type-Checking Heterogeneous Sequences in a Simple Embeddable Type System. -- The Scenic Route to Deforestation. -- MOLA: A Runtime Verification Engine Factory by (Meta-)interpreting Embedded DSLs. -- SM-based Semantics for Answer Set Programs Containing Conditional Literals and Arithmetic. -- A practical approach to handling tabular data in logic. -- Automated Playing of Survival Video Games with Commonsense Reasoning. -- Checking Concurrency Coding Rules. -- A Weighted Bipolar Argumentation Framework and its ASP-based Implementation. -- Haskell Based Spreadsheets. -- Leveraging LLM Reasoning with

Dual Horn Programs. -- ASP for Language Documentation and Reclamation: A Derivational Stem-ming Tool for Myaamia. -- Enhancing a Hierarchical Graph Rewriting Language based on MELL CutElimination. -- C3G: Causally Constrained Counterfactual Generation. -- Exploring Answer Set Programming for Provenance Graph-Based CyberThreat Detection: A Novel Approach.

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 27th International Symposium on Practical Aspects of Declarative Languages, PADL 2025, held in Denver, CO, USA, during January 20–21, 2025. The 15 full papers included in this book were carefully reviewed and selected from 26 submissions. The accepted papers span a range of topics related to functional and logic programming, including some novel applications of Answer Set Programming, language extensions, runtime monitoring, program transformations, type-checking, and applications of declarative programming techniques to artificial intelligence and machine learning, among others.

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