

1. Record Nr.	UNINA9910592991603321
Titolo	Logic-Based Program Synthesis and Transformation : 32nd International Symposium, LOPSTR 2022, Tbilisi, Georgia, September 21–23, 2022, Proceedings / / edited by Alicia Villanueva
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031167676 9783031167669
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (165 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 13474
Disciplina	004.015113 005.115
Soggetti	Computer science Computer Science Logic and Foundations of Programming
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Testing for Robotic Systems -- Automated Termination and Complexity Analysis -- Analysis of Rewrite Systems Analysing Parallel Complexity of Term Rewriting -- Gonnord Confluence Framework: Proving Confluence with CONFident.-Variant-based Equational Anti-unification -- Verification and Synthesis Model Checking Meets Auto-Tuning High-Performance Programs -- Building a Join-Optimizer for Soufflé -- From Infinity to Choreographies: Extraction for Unbounded Systems -- Logic Programming Typed SLD Resolution: Dynamic Typing for Logic Programming -- On Correctness of Normal Logic Programs.
Sommario/riassunto	This book constitutes the refereed proceedings of the 32nd International Symposium on Logic-Based Synthesis and Transformation, LOPSTR 2022, which was held during September 21–23, 2022. The 8 full papers were selected from 17 submissions and cover different aspects of logic-based program development, all stages of the software life cycle, and issues of both programming-in-the-small and programming-in-the-large.