1.	Record Nr.	UNISA996418319103316
	Titolo	Functional and Logic Programming [[electronic resource]] : 15th International Symposium, FLOPS 2020, Akita, Japan, September 14–16, 2020, Proceedings / / edited by Keisuke Nakano, Konstantinos Sagonas
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
	ISBN	3-030-59025-9
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (XII, 221 p. 672 illus., 4 illus. in color.)
	Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 12073
	Disciplina	005.114
	Soggetti	Software engineering Compilers (Computer programs) Computer programming Artificial intelligence Computer science Machine theory Software Engineering Compilers and Interpreters Programming Techniques Artificial Intelligence Computer Science Logic and Foundations of Programming Formal Languages and Automata Theory
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Theory and Practice of Second-Order Rewriting: Foundation, Evolution, and SOL -- The Bang Calculus Revisited -- Functional Pearl: The Distributive -Calculus -- Polynomial time over the reals with parsimony -- Session Types without Sophistry (System Description) -- Restriction on cut in cyclic proof system for symbolic heaps -- On the Effectiveness of Higher-Order Logic Programming in Language-Oriented Programming -- Declarative Pearl: Deriving Monadic Quicksort -- Language-Integrated Query with Nested Data Structures and Grouping -- An efficient composition of bidirectional programs by

memoization and lazy update -- Implementing, and Keeping in Check, a DSL Used in E-Learning -- System Description: Lang-n-Change -- A Tool for Transforming Languages.

Sommario/riassunto	This book constitutes the proceedings of the 15th International Symposium on Functional and Logic Programming, FLOPS 2020, held in Akita, Japan*, in September 2020. The 12 papers presented in this volume were carefully reviewed and selected from 25 submissions. They cover all aspects of the design, semantics, theory, applications, implementations, and teaching of declarative programming focusing on topics such as functional programming, logic programming, declarative programming, constraint programming, formal method, model checking, program transformation, program refinement, and type theory. *The conference was held virtually due to the COVID-19 pandemic.