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   Nota di contenuto Toward the concurrent implementation of computational systems --
                     On negation as instantiation -- Independence in dynamically scheduled
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                     Standardization theorem revisited -- Discrete Normalization and
                     Standardization in Deterministic Residual Structures -- A language for
                     the logical specification of processes and relations -- A process

algebra for synchronous concurrent constraint programming -- An algebraic approach to mixins and modularity -- A strict border for the decidability of E-unification for recursive functions -- Prime factorizations of abstract domains using first-order logic -- Abstractions of uniform proofs -- Complementing logic program semantics -- Meaningless terms in rewriting -- Unique normal form property of Higher-Order Rewriting Systems -- ?-calculi with explicit substitutions and composition which preserve ?-strong normalization -- Algebraic semantics for functional logic programming with polymorphic order-sorted types -- Specifying type systems -- The semantic treatment of polymorphic specification languages.

Sommario/riassunto	This book constitutes the refereed proceedings of the Fifth International Conference on Algebraic and Logic Programming, ALP '96, held in Aachen, Germany, in September 1996 in conjunction with PLILP and SAS. The volume presents 21 revised full papers selected from 54 submissions; also included is an invited contribution by Claude Kirchner and Ilies Alouini entitled "Toward the Concurrent Implementation of Computational Systems". The volume is divided into topical sections on logic programming, term rewriting, integration of paradigms, abstract interpretation, Lambda-calculus and rewriting, and types.