

1. Record Nr.	UNINA9910788638703321
Titolo	Logic and computation : proceedings of a workshop held at Carnegie Mellon University, June 30-July 2, 1987 / / Wilfried Sieg, editor
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1990] ©1990
ISBN	0-8218-7694-5
Descrizione fisica	1 online resource (314 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 106
Disciplina	511.3
Soggetti	Computable functions - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The Workshop on Logic and Computation was held at Carnegie Mellon University on June 30-July 2, 1987"--T.p. verso.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents -- Preface -- Some theories conservative over intuitionistic arithmetic -- Ramsey interpreted: A parametric version of Ramsey's theorem -- Notions of closed subsets of a complete separable metric space in weak subsystems of second order arithmetic -- A note on polynomial time computable arithmetic -- Axiomatizations and conservation results for fragments of bounded arithmetic -- A smash-based hierarchy between PTIME and PSPACE -- Polymorphic typed lambda-calculi in a type-free axiomatic framework -- Polynomial time computable arithmetic -- Metaprogramming in SIL -- W K Lo and orderings of countable abelian groups -- Marriage theorems and reverse mathematics -- Computationally based set existence principles -- Hierarchy results for mixed-time -- Polynomial time equivalence types -- Program development through proof transformation -- Some models of Scott's theory LC F based on a notion of rate of convergence -- Sharply bounded arithmetic and the function a^{-1} -- Radon-nikodym theorem is equivalent to arithmetical comprehension.