

1. Record Nr.	UNINA9910828938603321
Titolo	Categories in computer science and logic : proceedings of the AMS-IMS-SIAM Joint Summer Research Conference held June 14-20, 1987 with support from the National Science Foundation / / John W. Gray and Andre Scedrov, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1989] ©1989
ISBN	0-8218-7680-5
Descrizione fisica	1 online resource (394 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; volume 92
Disciplina	004/01/5
Soggetti	Computer science - Mathematics Categories (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The AMS-IMS-SIAM Joint Summer Research Conference in the Mathematical Sciences on Categories in Computer Science and Logic was held at University of Colorado, Boulder, Colo., on June 14-20, 1987 with support from the National Science Foundation"--T.p verso. Includes bibliographical references.
Nota di bibliografia	
Nota di contenuto	""Contents""; ""Preface""; ""Models of Horn theories""; ""Geometric invariance of existential fixed-point logic""; ""On the decidability of objects in a locos""; ""The Dialectica categories""; ""Combinators""; ""Polynat in per""; ""Towards a geometry of interaction""; ""The category of sketches as a model for algebraic semantics""; ""The theory of constructions: Categorical semantics and topos-theoretic models""; ""Introduction""; ""1. The theory of constructions""; ""2. Categorical interpretation of type theories""; ""3. Lim theories""; ""4. Algebraic toposes""; ""5. Localic algebraic toposes""""References""; ""A simple model of the theory of constructions""; ""Multicategories revisited""; ""An application of minimal context-free intersection partitions to rewrite rule consistency checking""; ""Qualitative distinctions between some toposes of generalized graphs""; ""Typed lambda models and cartesian closed categories""; ""Some connections between models of computation""; ""Some applications of categorical model theory""; ""Coherence for bicategories with finite Bilimits I""; ""On partial Cartesian closed

categories""; ""Normalization revisited""

""Linear logic, *-autonomous categories and cofree coalgebras""
