

1. Record Nr.	UNINA9910788752203321
Autore	Makkai Mihaly <1939->
Titolo	Duality and definability in first order logic // Michael Makkai
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 1993 ©1993
ISBN	1-4704-0080-4
Descrizione fisica	1 online resource (122 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 105, Number 503
Disciplina	511.3
Soggetti	First-order logic Duality theory (Mathematics) Toposes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"September 1993, Volume 105, Number 503 (fourth of 6 numbers)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Table Of Contents""; ""Abstract""; ""Introduction""; ""1. Beth's theorem for propositional logic""; ""2. Factorizations in 2-categories""; ""3. Definable functors""; ""4. Basic notions for duality""; ""5. The Stone-type adjunction for Boolean pretoposes and ultragroupoids""; ""6. The syntax of special ultramorphisms""; ""7. The semantics of special ultramorphisms""; ""8. The duality theorem""; ""9. Preparing a functor specification""; ""10. Lifting Zawadowski's argument to ultra*morphisms""; ""11. The operations in BP* and UG""; ""12. Conclusion""; ""References""