

1. Record Nr.	UNINA9910480323003321
Autore	MacLane Saunders
Titolo	Sheaves in Geometry and Logic [[electronic resource] ] : A First Introduction to Topos Theory // by Saunders MacLane, Ieke Moerdijk
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 1994
ISBN	1-4612-0927-7
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Descrizione fisica	1 online resource (XII, 630 p.)
Collana	Universitext, , 0172-5939
Disciplina	512/.55
Soggetti	Geometry K-theory Mathematical logic K-Theory Mathematical Logic and Foundations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Prologue -- Categorical Preliminaries -- I. Categories of Functors -- 1. The Categories at Issue -- 2. Pullbacks -- 3. Characteristic Functions of Subobjects -- 4. Typical Subobject Classifiers -- 5. Colimits -- 6. Exponentials -- 7. Propositional Calculus -- 8. Heyting Algebras -- 9. Quantifiers as Adjoints -- Exercises -- II. Sheaves of Sets -- 1. Sheaves -- 2. Sieves and Sheaves -- 3. Sheaves and Manifolds -- 4. Bundles -- 5. Sheaves and Cross-Sections -- 6. Sheaves as Étale Spaces -- 7. Sheaves with Algebraic Structure -- 8. Sheaves are Typical -- 9. Inverse Image Sheaf -- Exercises -- III. Grothendieck Topologies and Sheaves -- 1. Generalized Neighborhoods -- 2. Grothendieck Topologies -- 3. The Zariski Site -- 4. Sheaves on a Site -- 5. The Associated Sheaf Functor -- 6. First Properties of the Category of Sheaves -- 7. Subobject Classifiers for Sites -- 8. Subsheaves -- 9. Continuous Group Actions -- Exercises -- IV. First Properties of Elementary Topoi -- 1. Definition of a Topos -- 2. The Construction of Exponentials -- 3. Direct Image -- 4. Monads and Beck's Theorem -- 5. The Construction of Colimits -- 6. Factorization and Images -- 7. The Slice Category as a Topos -- 8. Lattice and Heyting Algebra Objects in a Topos -- 9. The Beck-Chevalley Condition -- 10. Injective Objects -- Exercises -- V.

Basic Constructions of Topoi -- 1. Lawvere-Tierney Topologies -- 2. Sheaves -- 3. The Associated Sheaf Functor -- 4. Lawvere-Tierney Subsumes Grothendieck -- 5. Internal Versus External -- 6. Group Actions -- 7. Category Actions -- 8. The Topos of Coalgebras -- 9. The Filter-Quotient Construction -- Exercises -- VI. Topoi and Logic -- 1. The Topos of Sets -- 2. The Cohen Topos -- 3. The Preservation of Cardinal Inequalities -- 4. The Axiom of Choice -- 5. The Mitchell-Bénabou Language -- 6. Kripke-Joyal Semantics -- 7. Sheaf Semantics -- 8. Real Numbers in a Topos -- 9. Brouwer's Theorem: All Functions are Continuous -- 10. Topos-Theoretic and Set-Theoretic Foundations -- Exercises -- VII. Geometric Morphisms -- 1. Geometric Morphisms and Basic Examples -- 2. Tensor Products -- 3. Group Actions -- 4. Embeddings and Surjections -- 5. Points -- 6. Filtering Functors -- 7. Morphisms into Grothendieck Topoi -- 8. Filtering Functors into a Topos -- 9. Geometric Morphisms as Filtering Functors -- 10. Morphisms Between Sites -- Exercises -- VIII. Classifying Topoi -- 1. Classifying Spaces in Topology -- 2. Torsors -- 3. Classifying Topoi -- 4. The Object Classifier -- 5. The Classifying Topos for Rings -- 6. The Zariski Topos Classifies Local Rings -- 7. Simplicial Sets -- 8. Simplicial Sets Classify Linear Orders -- Exercises -- IX. Localic Topoi -- 1. Locales -- 2. Points and Sober Spaces -- 3. Spaces from Locales -- 4. Embeddings and Surjections of Locales -- 5. Localic Topoi -- 6. Open Geometric Morphisms -- 7. Open Maps of Locales -- 8. Open Maps and Sites -- 9. The Diaconescu Cover and Barr's Theorem -- 10. The Stone Space of a Complete Boolean Algebra -- 11. Deligne's Theorem -- Exercises -- X. Geometric Logic and Classifying Topoi -- 1. First-Order Theories -- 2. Models in Topoi -- 3. Geometric Theories -- 4. Categories of Definable Objects -- 5. Syntactic Sites -- 6. The Classifying Topos of a Geometric Theory -- 7. Universal Models -- Exercises -- Appendix: Sites for Topoi -- Epilogue -- Index of Notation.

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Sommario/riassunto

We dedicate this book to the memory of J. Frank Adams. His clear insights have inspired many mathematicians, including both of us. In January 1989, when the first draft of our book had been completed, we heard the sad news of his untimely death. This has cast a shadow on our subsequent work. Our views of topos theory, as presented here, have been shaped by continued study, by conferences, and by many personal contacts with friends and colleagues-including especially O. Bruno, P. Freyd, J.M.E. Hyland, P.T. Johnstone, A. Joyal, A. Kock, F.W. Lawvere, G.E. Reyes, R Solovay, R Swan, RW. Thomason, M. Tierney, and G.C. Wraith. Our presentation combines ideas and results from these people and from many others, but we have not endeavored to specify the various original sources. Moreover, a number of people have assisted in our work by providing helpful comments on portions of the manuscript. In this respect, we extend our hearty thanks in particular to P. Corazza, K. Edwards, J. Greenlees, G. Janelidze, G. Lewis, and S. Schanuel.

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2. Record Nr.	UNINA9910962111203321
Titolo	Colonial encounters in ancient Iberia : Phoenician, Greek, and indigenous relations // edited by Michael Dietler and Carolina Lopez-Ruiz
Pubbl/distr/stampa	Chicago, : University of Chicago Press, 2009
ISBN	9786612538735 9781282538733 128253873X 9780226148489 0226148483
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xiii, 323 pages) : illustrations, maps
Altri autori (Persone)	DietlerMichael Lopez-RuizCarolina
Disciplina	936.6/02
Soggetti	Phoenicians - Iberian Peninsula Greeks - Iberian Peninsula Iberian Peninsula Antiquities Tartessos (Kingdom) History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Ex occidente lux: a preface / Michael Dietler and Carolina Lopez-Ruiz -- Theoretical issues and frameworks -- Colonial encounters in Iberia and the western Mediterranean: an exploratory framework / Michael Dietler -- Colonial relations and social change in Iberia (seventh to third centuries bc) / Joan Sanmarti -- New perspectives on Phoenician and Greek ventures on the Mediterranean and Atlantic coasts -- Colonial contacts and protohistoric indigenous urbanism on the Mediterranean coast of the Iberian peninsula / Maria Carme Belarte -- Phoenician colonization on the Atlantic coast of the Iberian peninsula / Ana Marguerida Arruda -- Greeks and the Iberian peninsula: forms of exchange and settlements / Pierre Rouillard -- Plant resources, agrarian practices, and the colonial political economy -- Botanical and archaeological dimensions of the colonial encounter / Ramon Buxo -- Lumbermen and shipwrights: Phoenicians on the Mediterranean coast

of southern Spain / Brigitte Treumann -- The question of Tartessos: a debate reframed -- Phoenicians in Tartessos / Maria Belen Deamos -- Precolonization and colonization in the interior of Tartessos / Sebastian Celestino Perez -- Interrogating colonial texts and imagined landscapes -- Tarshish and Tartessos revisited: textual problems and historical implications / Carolina Lopez-Ruiz -- Iberia in the Greek geographical imagination / Javier Gomez Espelosin -- Colonial encounters in ancient Iberia: a coda.

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Sommario/riassunto

During the first millennium BCE, complex encounters of Phoenician and Greek colonists with natives of the Iberian Peninsula transformed the region and influenced the entire history of the Mediterranean. One of the first books on these encounters to appear in English, this volume brings together a multinational group of contributors to explore ancient Iberia's colonies and indigenous societies, as well as the comparative study of colonialism. These scholars-from a range of disciplines including classics, history, anthropology, and archaeology-address such topics as t

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