

1. Record Nr.	UNINA9910811888703321
Autore	Hovey Mark <1965->
Titolo	Axiomatic stable homotopy theory // Mark Hovey, John H. Palmieri, Neil P. Strickland
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1997] ©1997
ISBN	1-4704-0195-9
Descrizione fisica	1 online resource (130 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 610
Disciplina	510 s 514/.24
Soggetti	Homotopy theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"July 1997, volume 128, number 610 (second of 4 numbers)."
Nota di bibliografia	Includes bibliographical references (pages 109-111) and index.
Nota di contenuto	""Contents""; ""1. Introduction and definitions""; ""1.1. The axioms""; ""1.2. Examples""; ""1.3. Multigrading""; ""1.4. Some basic definitions and results""; ""2. Smallness, limits and constructibility""; ""2.1. Notions of finiteness""; ""2.2. Weak colimits and limits""; ""2.3. Cellular towers and constructibility""; ""3. Bousfield localization""; ""3.1. Localization and colocalization functors""; ""3.2. Existence of localization functors""; ""3.3. Smashing and finite localizations""; ""3.4. Geometric morphisms""; ""3.5. Properties of localized subcategories""; ""3.6. The Bousfield lattice"" ""3.7. Rings, fields and minimal Bousfield classes""""3.8. Bousfield classes of smashing localizations""; ""4. Brown representability""; ""4.1. Brown categories""; ""4.2. Minimal weak colimits""; ""4.3. Smashing localizations of Brown categories""; ""4.4. A topology on [X, Y]""; ""5. Nilpotence and thick subcategories""; ""5.1. A naive nilpotence theorem""; ""5.2. A thick subcategory theorem""; ""6. Noetherian stable homotopy categories""; ""6.1. Monochromatic subcategories""; ""6.2. Thick subcategories""; ""6.3. Localizing subcategories""; ""7. Connective stable homotopy theory"" ""8. Semisimple stable homotopy theory""""9. Examples of stable homotopy categories""; ""9.1. A general method""; ""9.2. Chain complexes""; ""9.3. The derived category of a ring""; ""9.4. Homotopy

categories of equivariant spectra"; "9.5. Cochain complexes of Ba€? comodules"; "9.6. The stable category of Ba€?modules"; "10. Future directions"; "10.1. Grading systems on stable homotopy categories"; "10.2. Other examples"; "Appendix A. Background from category theory"; "A.1. Triangulated categories"; "A.2. Closed symmetric monoidal categories"; "References"; "Index"
