

1. Record Nr.	UNINA9910461886603321
Autore	Baues Hans J. <1943->
Titolo	Combinatorial homotopy and 4-dimensional complexes [[electronic resource] /] / by Hans Joachim Baues
Pubbl/distr/stampa	Berlin ; ; New York, : W. de Gruyter, 1991
ISBN	3-11-085448-1
Edizione	[Reprint 2011]
Descrizione fisica	1 online resource (408 p.)
Collana	De Gruyter Expositions in Mathematics ; ; 2
Altri autori (Persone)	BrownRonald
Disciplina	514/.24
Soggetti	Combinatorial topology CW complexes Homotopy theory Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [369]-372) and index.
Nota di contenuto	Front matter -- Chapter I. Homotopy, homology, and Whitehead's classification of simply connected 4-dimensional CW-complexes -- Chapter II. The CW-tower of categories -- Chapter III. Crossed modules and homotopy systems of order 3 -- Chapter IV. Quadratic modules and homotopy systems of order 4. § 1 Quadratic modules -- Chapter IV. Quadratic modules and homotopy systems of order 4. § 2 Free quadratic modules -- Chapter IV. Quadratic modules and homotopy systems of order 4. § 3 Quadratic chain complexes -- Chapter IV. Quadratic modules and homotopy systems of order 4. § 4 Homotopies for quadratic chain maps -- Chapter IV. Quadratic modules and homotopy systems of order 4. § 5 Cofibrations in the category of quadratic chain complexes -- Chapter IV. Quadratic modules and homotopy systems of order 4. § 6 The secondary homotopy addition lemma and a model functor from spaces to quadratic chain complexes -- Chapter IV. Quadratic modules and homotopy systems of order 4. § 7 Homotopy systems of order 4 -- Chapter IV. Quadratic modules and homotopy systems of order 4. § 8 The homotopy category of 3-dimensional CW-complexes -- Chapter IV. Quadratic modules and homotopy systems of order 4. § 9 The CW-tower in degree 4 -- Chapter IV. Quadratic modules and homotopy systems of order 4. § 10 The homotopy category of 3-types -- Chapter IV. Quadratic modules

and homotopy systems of order 4. § 11 The action of the fundamental group for quadratic chain complexes -- Chapter IV. Quadratic modules and homotopy systems of order 4. § 12 The quadratic chain complex of a product -- Chapter IV. Quadratic modules and homotopy systems of order 4. Appendix A. Some diverse examples and applications of quadratic chain complexes -- Chapter IV. Quadratic modules and homotopy systems of order 4. Appendix B. Quadratic chain complexes and simplicial groups -- Chapter IV. Quadratic modules and homotopy systems of order 4. Appendix C. Reduced and stable quadratic modules -- Chapter IV. Quadratic modules and homotopy systems of order 4. Appendix D. On the homotopy classification of semi free group actions -- Chapter V. Cohomological invariants -- Chapter VI. The cohomology of categories and the calculus of tracks -- Bibliography -- List of Symbols -- Index

Sommario/riassunto

Combinatorial Homotopy and 4-Dimensional Complexes (Architektur Auf Naxos Und Paros)
