

1. Record Nr.	UNINA9910454385903321
Autore	Felix Y (Yves)
Titolo	Algebraic models in geometry [[electronic resource] /] / Yves Felix, John Oprea, Daniel Tanre
Pubbl/distr/stampa	Oxford, : Oxford University Press, 2008
ISBN	1-281-34180-0 9786611341800 0-19-152569-3
Descrizione fisica	1 online resource (483 p.)
Collana	Oxford graduate texts in mathematics ; ; 17
Altri autori (Persone)	OpreaJohn TanreDaniel
Disciplina	514.24
Soggetti	Homotopy theory Geometry, Algebraic 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 and index.
Nota di contenuto	Preface; Contents; 1 Lie groups and homogeneous spaces; 2 Minimal models; 3 Manifolds; 4 Complex and symplectic manifolds; 5 Geodesics; 6 Curvature; 7 G-spaces; 8 Blow-ups and Intersection Products; 9 A Florilege of geometric applications; A: De Rham forms; B: Spectral sequences; C: Basic homotopy recollections; References; Index
Sommario/riassunto	A text aimed at both geometers needing the tools of rational homotopy theory to understand and discover new results concerning various geometric subjects, and topologists who require greater breadth of knowledge about geometric applications of the algebra of homotopy theory. - ;Rational homotopy is a very powerful tool for differential topology and geometry. This text aims to provide graduates and researchers with the tools necessary for the use of rational homotopy in geometry. Algebraic Models in Geometry has been written for topologists who are drawn to geometrical problems amenable to topo