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	Nota di bibliografia	Includes bibliographical references (pages [138]-162) and index.
	Nota di contenuto	Preliminaries -- Building blocks -- Representations: homology and homotopy -- Surfaces -- Generators: surface, modular groups -- Manifolds of dimension three or more -- ?*(X) not finitely generated -- Localization -- ?*(X) finitely presented, nilpotent -- L-R duality -- Cellular/homology complexes: methods -- Cellular, homology complexes: calculations -- Non-1-connected postnikov: methods -- Homotopy systems, chain complexes -- Non-1-connected spaces: calculations -- Whitehead torsion, simple homotopy -- Unions and products -- Group theoretic properties -- Homotopy type, homotopy groups -- Homotopy automorphisms of H-spaces -- Fibre and equivariant HE's -- Applications.
	Sommario/riassunto	This survey covers groups of homotopy self-equivalence classes of topological spaces, and the homotopy type of spaces of homotopy self-equivalences. For manifolds, the full group of equivalences and the mapping class group are compared, as are the corresponding spaces. Included are methods of calculation, numerous calculations, finite generation results, Whitehead torsion and other areas. Some 330 references are given. The book assumes familiarity with cell complexes, homology and homotopy. Graduate students and established researchers can use it for learning, for reference, and to determine the current state of knowledge.