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Titolo	Link theory in manifolds / / Uwe Kaiser
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Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 1669
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Soggetti	Three-manifolds (Topology) - Data processing Link theory
Lingua di pubblicazione	Inglese
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Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Link bordism in manifolds -- Enumeration of link bordism in 3-manifolds -- Linking number maps -- Surface structures for links in 3-manifolds -- Link invariants in Betti-trivial 3-manifolds -- Link characteristic and band-operations in Betti-trivial 3-manifolds -- 3-dimensional Betti-trivial submanifolds.
Sommario/riassunto	Any topological theory of knots and links should be based on simple ideas of intersection and linking. In this book, a general theory of link bordism in manifolds and universal constructions of linking numbers in oriented 3-manifolds are developed. In this way, classical concepts of link theory in the 3-spheres are generalized to a certain class of oriented 3-manifolds (submanifolds of rational homology 3-spheres). The techniques needed are described in the book but basic knowledge in topology and algebra is assumed. The book should be of interest to those working in topology, in particular knot theory and low-dimensional topology.

2. Record Nr.	UNINA9910413459503321
Titolo	Consular Regulations of Foreign Countries (Canada and Latin America)
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