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Autore	Kirby Robion C.
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Nota di contenuto	Frontmatter Foreword Table of contents Guide Essay I. Deformation of smooth and piecewise linear manifold structures / Kirby, R. / Siebenmann, L Essay II. Deformation of sliced families of manifold structures / Siebenmann, L Essay III. Some basic theorems about topological manifolds / Siebenmann, L. / Kirby, R Essay IV. Stable classification of smooth and piecewise linear manifold structures / Siebenmann, L Essay V. Classification of sliced families of manifold structures / Siebenmann, L Annex A. Stable homeomorphisms and the annulus conjecture / Kirby, Robion C Annex B. On The Triangulation of Manifolds and the Hauptvermutung / Kirby, R. C. / Siebenmann, L. C Annex C. Topological Manifolds / Siebenmann, L. C Note on Involutions / Atiyah, M. F Combined Bibliography Index Backmatter
Sommario/riassunto	Since Poincaré's time, topologists have been most concerned with three species of manifold. The most primitive of thesethe TOP manifolds remained rather mysterious until 1968, when Kirby discovered his now famous torus unfurling device. A period of rapid progress with TOP manifolds ensued, including, in 1969, Siebenmann's refutation of the

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Hauptvermutung and the Triangulation Conjecture. Here is the first
connected account of Kirby's and Siebenmann's basic research in this
area. The five sections of this book are introduced by three articles by
the authors that initially appeared between 1968 and 1970. Appendices
provide a full discussion of the classification of homotopy tori,
including Casson's unpublished work and a consideration of periodicity
in topological surgery.