CONTENTS

- § 0. Introduction.
- Chapter I. Skeletons and skeletoids in metric spaces.
 - § 1. The group Auth X.
 - § 2. Equivalence of skeletoids.
 - § 3. Estimated extensions of $\mathcal K$ -embeddings. Perfect collections.
 - § 4. Skeletons to related perfect collections.
 - § 5. Examples.
- Chapter II. Z-sets in the Hilbert cube and in the Hilbert space.
 - § 6. Preliminaries.
 - § 7. Anderson sets.
 - § 8. Z-sets and Z-skeletoids in the Hilbert cube.
 - § 9. Z-skeletoids in Hilbert cubes represented as convex subsets of 1_0 .
 - \S 10. The Hilbert space l_2 is homeomorphic to P.
 - § 11. Negligible sets in $\frac{1}{2}$ and in Hilbert manifolds.
- Chapter III. Applications.
 - § 12. Brown-Gluck stability.
 - § 13. Application to transformation groups.
 - Theorem of J. West.
 - § 14. Theorem of Kadec.
 - § 15. C-skeletoids and E-skeletoids. Topological classification of sigma-compact normed linear spaces.

Appendix.

- § 16. Theorems of Keller and Klee.
- § 17. Notes and comments.

Bibliography.

SUPPLEMENT

On factors of the Hilbert cube by A. Szankowski.