about the book . . .

Investigations by Baire, Lebesgue, Hausdorff, Marczewski, and othes have culminated in various schemes for classifying point sets. This important **reference/text** brings together *in a single theoretical framework* the properties common to these classifications.

Providing a clear, thorough overview and analysis of the field, ***Point Set Theory*** utilizes the axiomatically determined notion of a category base for extending general topological theorems to a higher level of abstraction . . . axiomatically unifies analogies between Baire category and Lebesgue measure . . . enhances understanding of the material with numerous examples and discussions of abstract concepts . . . and more.

Imparting a solid foundation for the modern theory of real functions and associated areas, this authoritative resource is a vital **reference** for set theorists, logicians, analysts, and research mathematicians involved in topology, measure theory, or real analysis. It is an ideal **text** for graduate mathematics students in the above disciplines who have completed undergraduate courses in set theory and real analysis.

about the author . . .

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