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Lipschitz Algebras

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Algebras

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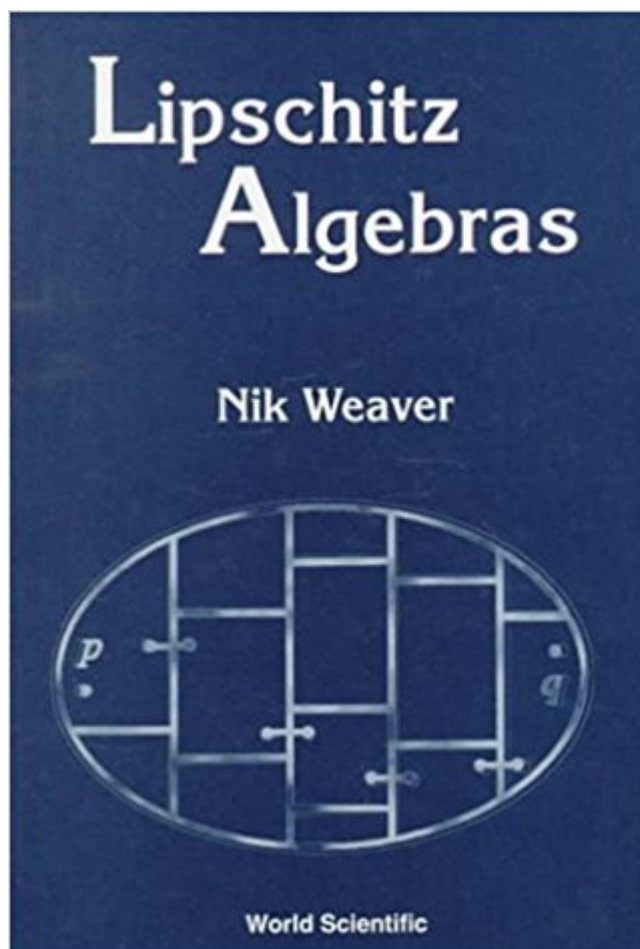
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Synopsis

The Lipschitz algebras Lip(M), for M a complete metric space, are quite analogous to the spaces C(Ã Â©) and LÃ¢Ë†Å (X), for Ã Â© a compact Hausdorff space and X a Ã•Æ'-finite measure space. Although the Lipschitz algebras have not been studied as thoroughly as these better-known cousins, it is becoming increasingly clear that they play a fundamental role in functional analysis, and are also useful in many applications, especially in the direction of metric geometry. This book gives a comprehensive treatment of (what is currently known about) the beautiful theory of these algebras.

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Customer Reviews

It is fairly self-contained, accessible to students acquainted with the basics of measure theory and functional analysis. -- Studia Universitatis Babes-Bolyai, Series Mathematica, 2003

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