

# Essential Wavelets for Statistical Applications and Data Analysis *by* R.Todd Ogden



**ISBN:** 3764338644

**ISBN13:** 978-3764338640

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**Book title:** Essential Wavelets for Statistical Applications and Data Analysis

**Pages:** 300

**Publisher:** Birkhauser Verlag AG (September 1996)

**Language:** English

**Category:** Mathematics

**Size PDF version:** 1887 kb

**Size ePUB version:** 1958 kb

**Size FB2 version:** 1625 kb

**Other formats:** docx lrf lit lrf

Presenting new developments in wavelet theory, this volume includes enough of the mathematics behind wavelets to enable applied statisticians and other users of statistics to understand and apply these methods to their own data. All the key elements of wavelets are brought out through examples, and various fundamental problems in statistics (nonparametric regression, density estimation, etc) are discussed, with examples of how wavelets can be applied to this situation.



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