



Real Analysis with an Introduction to Wavelets and Applications

By *Don Hong, Jianzhong Wang, Robert Gardner*

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Real Analysis with an Introduction to Wavelets and Applications is an in-depth look at real analysis and its applications, including an introduction to wavelet analysis, a popular topic in "applied real analysis". This text makes a very natural connection between the classic pure analysis and the applied topics, including measure theory, Lebesgue Integral, harmonic analysis and wavelet theory with many associated applications.

- The text is relatively elementary at the start, but the level of difficulty steadily increases
- The book contains many clear, detailed examples, case studies and exercises
- Many real world applications relating to measure theory and pure analysis
- Introduction to wavelet analysis

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Review

"...the wavelet treatment makes it attractive and gives it an edge over many texts." --**David Ruch, Metropolitan State College**

"The exercises I looked at were at a much more appropriate level than my current text. This book provides more exposition and more applications than traditional real analysis texts." --**Doug Hardin, Vanderbilt University**

About the Author

By Mr. Don Hong, Mr. Jianzhong Wang and Mr. Robert Gardner

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The feeling that you get from Real Analysis with an Introduction to Wavelets and Applications will be the more deep you digging the information that hide in the words the more you get interested in reading it. It doesn't mean that this book is hard to recognise but Real Analysis with an Introduction to Wavelets and Applications giving you thrill feeling of reading. The writer conveys their point in a number of way that can be understood by anyone who read this because the author of this reserve is well-known enough. That book also makes your own personal vocabulary increase well. Making it easy to understand then can go with you, both in printed or e-book style are available. We recommend you for having this specific Real Analysis with an Introduction to Wavelets and Applications instantly.

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