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A COURSE IN REAL ANALYSIS 2/E John N. McDonald and Neil A. Weiss For second printing April 9, 2012 15:43 PAGE xviii. xviii Preface. Chapter 17, which is new to this edition, presents outer measure and measurability, Hausdorff measure, Hausdorff dimension and topological dimension, and an introduction to fractals.

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The book is highly suited for self-study as well as a book complementing either introductory courses in modern analysis or more advanced such courses. The book can also very effectively be used as a main text book for a sequence of courses in

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## **Real Analysis - Harvard University**

This is a collection of lecture notes I've used several times in the two-semester senior/graduate-level real analysis course at the University of Louisville. They are an ongoing project and are often updated. They are here for the use of anyone interested in such material.

## **Introduction to Real Analysis - University of Louisville ...**

A study of real analysis allows for an appreciation of the many

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interconnections with other mathematical areas. A slightly more complex description is given by Steve Zelditch at Johns Hopkins University: Real Analysis is an enormous field with applications to many areas of mathematics. Roughly speaking, it has applications to any setting where one integrates functions, ranging from harmonic analysis on Euclidean space to partial differential equations on manifolds, from representation theory ...

### **What Is Real Analysis in Economics? - ThoughtCo**

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### **A course in real analysis (Book, 2013) [WorldCat.org]**

Mathematics - A Basic Course in Real Analysis. A Basic Course in Real Analysis by Prof. P.D. Srivastava, Department of Mathematics, IITKharagpur. For more details on NPTEL visit <http://nptel.iitm...>

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## **Lecture 10B - Real Analysis 2 - Week 8 | Coursera**

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