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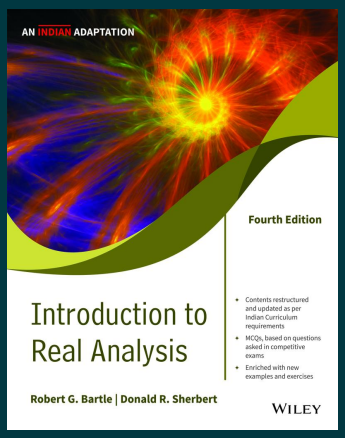

Introduction to Real Analysis, 4ed, An Indian Adaptation

By Robert G. Bartle, Donald R. Sherbert

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Description

Introduction to Real Analysis is a comprehensive textbook, suitable for undergraduate level students of pure and applied mathematics. Starting with the background of the notations for sets and functions and mathematical induction, the book focuses on real numbers and their properties, real sequences along with associated limit concepts, and infinite series. The book then explores the concepts of fundamental properties of limits and continuous functions, basic theory of derivatives and applications, including mean value theorem, chain rule, and inversion theorem.

About the Author

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Robert G. Bartle was an American mathematician specializing in real analysis.

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