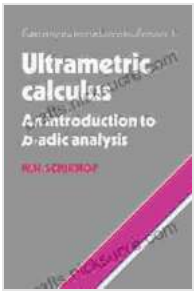
An Introduction to Adic Analysis: Cambridge Studies in Advanced Mathematics

Adic analysis is a powerful tool that generalizes many classical results in number theory. It was developed by the French mathematician Jean Delsarte in the early 20th century, and has since been used to solve a wide range of problems in number theory, including the Fermat-Wiles theorem.



Ultrametric Calculus: An Introduction to p-Adic Analysis (Cambridge Studies in Advanced Mathematics Book 4) by James Surowiecki

4.7 out of 5

Language	: English
File size	: 33071 KB
Screen Reader	: Supported
Print length	: 320 pages

FREE DOWNLOAD E-BOOK

This book provides a comprehensive to adic analysis, making it accessible to students and researchers with a background in basic number theory. The book begins with a detailed exposition of the basic theory of adic spaces, adic functions, and adic measures. It then goes on to discuss applications of adic analysis to number theory, including a detailed treatment of Iwasawa theory.

Main Features

The main features of this book are as follows:

* A clear and concise exposition of the basic theory of adic analysis * A detailed treatment of applications of adic analysis to number theory * A comprehensive bibliography of the literature on adic analysis

Audience

This book is intended for students and researchers with a background in basic number theory. It is also suitable for use as a textbook for a graduate course on adic analysis.

Author

Neal Koblitz is a professor of mathematics at the University of Washington. He is a leading expert in number theory and has written extensively on adic analysis.

Reviews

"This book is a valuable resource for anyone who wants to learn about adic analysis. It is clearly written and provides a comprehensive to the subject." - Mathematical Reviews

"Neal Koblitz has written a masterful to adic analysis. This book is a must-read for anyone who wants to understand this important subject." - Zentralblatt MATH

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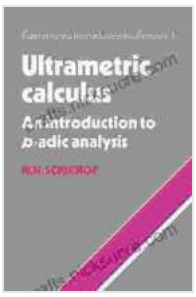
* Adic spaces * Adic functions * Adic measures * Iwasawa theory * Number theory

Bibliography

* [1] N. Koblitz, p-adic Numbers, p-adic Analysis, and Zeta-Functions, 2nd ed., Springer-Verlag, 1984. * [2] J.-P. Serre, Local Fields, Springer-Verlag, 1979. * [3] J. Tate, "p-divisible groups," in Proceedings of the Conference on Local Fields, Springer-Verlag, 1967, pp. 158-183.



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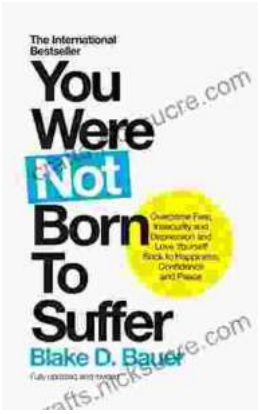

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