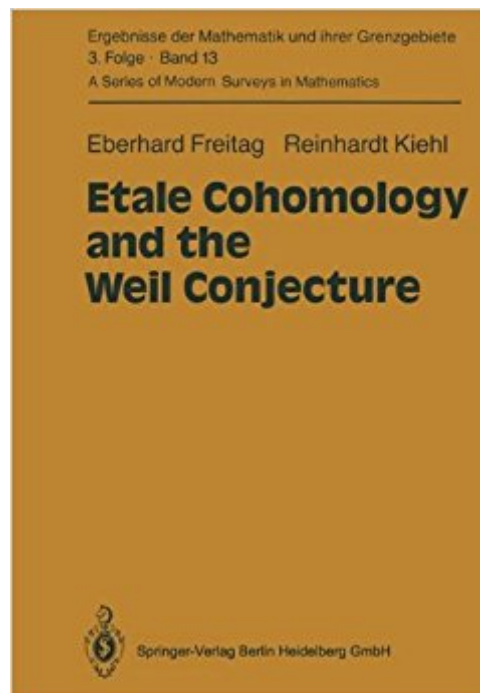


The book was found

Etale Cohomology And The Weil Conjecture (Ergebnisse Der Mathematik Und Ihrer Grenzgebiete. 3. Folge / A Series Of Modern Surveys In Mathematics)



Synopsis

Some years ago a conference on l-adic cohomology in Oberwolfach was held with the aim of reaching an understanding of Deligne's proof of the Weil conjectures. For the convenience of the speakers the present authors - who were also the organisers of that meeting - prepared short notes containing the central definitions and ideas of the proofs. The unexpected interest for these notes and the various suggestions to publish them encouraged us to work somewhat more on them and fill out the gaps. Our aim was to develop the theory in as self-contained and as short a manner as possible. We intended especially to provide a complete introduction to etale and l-adic cohomology theory including the monodromy theory of Lefschetz pencils. Of course, all the central ideas are due to the people who created the theory, especially Grothendieck and Deligne. The main references are the SGA-notes [64-69]. With the kind permission of Professor J. A. Dieudonne we have included in the book that finally resulted his excellent notes on the history of the Weil conjectures, as a second introduction. Our original notes were written in German. However, we finally followed the recommendation made variously to publish the book in English. We had the good fortune that Professor W. Waterhouse and his wife Betty agreed to translate our manuscript. We want to thank them very warmly for their willing involvement in such a tedious task. We are very grateful to the staff of Springer-Verlag for their careful work.

Book Information

Series: Ergebnisse der Mathematik und ihrer Grenzgebiete. 3. Folge / A Series of Modern Surveys in Mathematics (Book 13)

Paperback: 320 pages

Publisher: Springer; Softcover reprint of the original 1st ed. 1988 edition (December 29, 1987)

Language: English

ISBN-10: 3662025434

ISBN-13: 978-3662025437

Product Dimensions: 6.7 x 0.8 x 9.6 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,658,643 in Books (See Top 100 in Books) #401 in Books > Science &

Math > Mathematics > Geometry & Topology > Topology #14836 in Books > Textbooks >

Science & Mathematics > Mathematics

[Download to continue reading...](#)

Etale Cohomology and the Weil Conjecture (Ergebnisse der Mathematik und ihrer Grenzgebiete. 3. Folge / A Series of Modern Surveys in Mathematics) Profinite Groups (Ergebnisse der Mathematik und ihrer Grenzgebiete. 3. Folge / A Series of Modern Surveys in Mathematics) Etale Cohomology Theory: Revised Edition (Nankai Tracts in Mathematics (Hardcover)) Manifolds, Sheaves, and Cohomology (Springer Studium Mathematik - Master) Finite Groups: An Introduction (vol. 10 of the Surveys of Modern Mathematics book series) The Self-Hypnosis Diet: Use the Power of Your Mind to Reach Your Perfect Weight. Foreward By Andrew Weil Arnold Schönberg's musikalische Gedanken: Analysen zu ihrer klanglichen und tonalen Struktur (Europäische Hochschulschriften / European University ... Universitaires Européennes) (German Edition) Der Sohn der Gräfin von St. Geran (Historische Kriminalfälle 1) (German Edition) Die Operette "Der lustige Krieg" von Johann Strauß : Werkgeschichte und Rekonstruktion der Uraufführungsfassung (German Edition) Gesammelte Werke: Dramen + Fabeln + Erzählungen + Gedichte + Philosophische Schriften (285 Titel in einem Buch - Vollständige Ausgaben): Nathan der Weise ... + Der Freigeist... (German Edition) Harry Potter und der Stein der Weisen (Die Harry-Potter-Buchreihe) (German Edition) Land Surveys: A Guide for Lawyers and Other Professionals Designing and Conducting Health Surveys: A Comprehensive Guide Internet, Phone, Mail, and Mixed-Mode Surveys: The Tailored Design Method Land Tenure, Boundary Surveys, and Cadastral Systems Representations of Algebraic Groups (Mathematical Surveys and Monographs) A Short History of the Ismailis: Traditions of a Muslim Community (The New Edinburgh Islamic Surveys) Shi'ism (New Edinburgh Islamic Surveys) Surveys In Social Research (Social Research Today) Vector Measures (Mathematical Surveys, Number 15)

[Dmca](#)