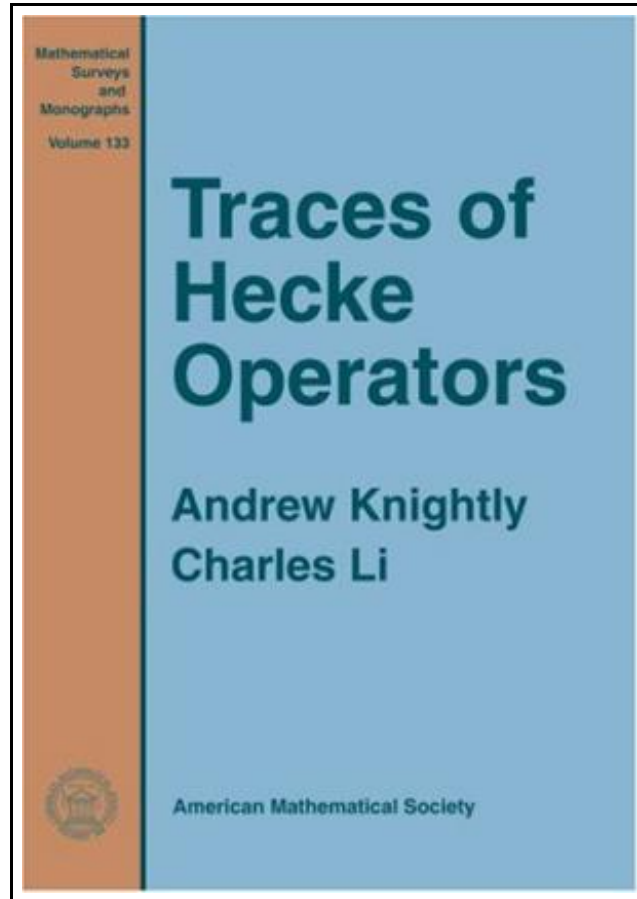


Traces of Hecke Operators (Hardback)



Filesize: 2.2 MB

Reviews

This is the finest book i have got go through right up until now. I have got read and i also am confident that i am going to planning to read once again yet again in the future. You will not truly feel monotony at at any time of the time (that's what catalogs are for about if you check with me).
(Taylor Medhurst)

TRACES OF HECKE OPERATORS (HARDBACK)

DOWNLOAD



American Mathematical Society, United States, 2006. Hardback. Book Condition: New. 259 x 180 mm. Language: English . Brand New Book. The Fourier coefficients of modular forms are of widespread interest as an important source of arithmetic information. In many cases, these coefficients can be recovered from explicit knowledge of the traces of Hecke operators. The original trace formula for Hecke operators was given by Selberg in 1956. Many improvements were made in subsequent years, notably by Eichler and Hijikata. This book provides a comprehensive modern treatment of the Eichler-Selberg/Hijikata trace formula for the traces of Hecke operators on spaces of holomorphic cusp forms of weight $k > 2$ for congruence subgroups of $\mathrm{SL}(2, \mathbb{Z})$. The first half of the text brings together the background from number theory and representation theory required for the computation. This includes detailed discussions of modular forms, Hecke operators, adeles and ideles, structure theory for $\mathrm{GL}(2, \mathbb{A})$, strong approximation, integration on locally compact groups, the Poisson summation formula, adelic zeta functions, basic representation theory for locally compact groups, the unitary representations of $\mathrm{GL}(2, \mathbb{R})$, and the connection between classical cusp forms and their adelic counterparts on $\mathrm{GL}(2, \mathbb{A})$. The second half begins with a full development of the geometric side of the Arthur-Selberg trace formula for the group $\mathrm{GL}(2, \mathbb{A})$. This leads to an expression for the trace of a Hecke operator, which is then computed explicitly. The exposition is virtually self-contained, with complete references for the occasional use of auxiliary results. The book concludes with several applications of the final formula.



[Read Traces of Hecke Operators \(Hardback\) Online](#)



[Download PDF Traces of Hecke Operators \(Hardback\)](#)

See Also



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625) (Paperback)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

[Read Book »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625) (Paperback)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

[Read Book »](#)



Oxford First Illustrated Maths Dictionary (Paperback)

Oxford University Press, United Kingdom, 2013. Paperback. Book Condition: New. 234 x 180 mm. Language: English . Brand New Book. The Oxford First Illustrated Maths Dictionary supports the curriculum and gives your child a head...

[Read Book »](#)



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: The Fizz-buzz (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 174 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It...

[Read Book »](#)



Oxford Reading Tree Read with Biff, Chip and Kipper: Phonics: Level 2: A Yak at the Picnic (Hardback)

Oxford University Press, United Kingdom, 2014. Hardback. Book Condition: New. Mr. Nick Schon (illustrator). 177 x 148 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling...

[Read Book »](#)