



Cohomology of Drinfeld Modular Varieties, Part 2, Automorphic Forms, Trace Formulas and Langlands Correspondence: Pt. 2 (Paperback)

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*****.Cohomology of Drinfeld Modular Varieties provides an

introduction, in two volumes, both to this subject and to the

Langlands correspondence for function fields. These varieties

are the analogues for function fields of the Shimura varieties

over number fields. The Langlands correspondence is a

conjectured link between automorphic forms and Galois

representations over a global field. By analogy with the

number-theoretic case, one expects to establish the conjecture

for function fields by studying the cohomology of Drinfeld

modular varieties, which has been done by Drinfeld himself for

the rank two case. This second volume is concerned with the

Arthur-Selberg trace formula, and with the proof in some

cases of the Ramanujan-Petersson conjecture and the global

Langlands conjecture for function fields. It is based on

graduate courses taught by the author, who uses techniques

which are extensions of those used to study Shimura varieties.

Though the author considers only the simpler case of function

rather than number fields, many important features of the

number field case can be illustrated. Several appendices on

background material keep the work...

Reviews

Very useful to all category of men and women. I actually have study and i also am certain that i am going to going to read through again once more down the road. Its been written in an exceptionally simple way and is particularly only soon after i finished reading this publication by which basically altered me, modify the way in my opinion.

-- **Dr. Sarai Fisher DDS**

Here is the best pdf i actually have go through till now. We have study and i also am certain that i am going to planning to go through once again once more in the future. You will not sense monotony at at any time of the time (that's what catalogs are for regarding in the event you question me).

-- **Frederique Rolfson**