



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

By Gerard Laumon

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2009.

Paperback. Book Condition: New.. 228 x 152 mm.

Language: English . Brand New Book ***** Print on Demand

*****.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

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-- **Hillard Macejkovic**

Without doubt, this is the very best function by any writer. It typically will not charge too much. I discovered this publication from my dad and i encouraged this pdf to discover.

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