



Mathematics and CS Seminar

Braverman-Kazhdan conjecture for finite fields

Emmanuel Letellier

Université de Paris

Host: Tamas Hausel

Let G be a connected reductive group G over a finite field with dual group G^* , and consider a morphism r from G^* to $GL(n)$. From the standard Fourier transform on $GL(n)$ and the morphism r , Braverman and Kazhdan defined an exotic Fourier operator on the space of functions on $G(q)$ using Langlands functoriality. They also gave a conjectural formula for its kernel. In this talk we will give a proof of their conjecture. This is joint work with Grard Laumon.

Thursday, June 30, 2022 01:00pm - 03:00pm

Heinzel Seminar Room / Office Bldg West (I21.EG.101)



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