

1144-18-228

Beren Sanders* (beren@ucsc.edu). *The spectrum of the category of derived Mackey functors.*

I will discuss a project (joint with Irakli Patchkoria and Christian Wimmer) on computing the spectrum of the derived category of G -Mackey functors (in the sense of Kaledin) for G a finite group. This category can be regarded as a linearization of the G -equivariant stable homotopy category and our computation can be best appreciated in comparison with our earlier work (joint with Paul Balmer) on computing the spectrum of the G -equivariant stable homotopy category. Ultimately, our goal is to explain (within the confines of a 20-minute talk) how the spectrum of our linearized equivariant category lies between the spectrum of the equivariant stable homotopy category and the spectrum of the Burnside ring, being a refinement of the latter and a chromatic truncation of the former. (Received August 26, 2018)