

1162-18-218

Kent Vashaw* (kvasha1@lsu.edu). *Balmer spectra and Drinfeld centers*. Preliminary report.

The Balmer spectrum of a monoidal triangulated category is an important geometric invariant which can be used in many cases to obtain a classification of the thick ideals of the category. Many examples of monoidal triangulated categories arise as stable module categories of finite-dimensional Hopf algebras. We will describe the relationship between the Balmer spectra of stable module categories associated to a Hopf algebra and its Drinfeld double. In particular, we show that there always exists a continuous map between them, and describe how this map relates to classifications of thick ideals. (Received September 01, 2020)