

1043-81-214

Andrew Blumberg*, University of Chicago. *Localization for THH and TC of spectral categories.*

I will discuss the construction of localization cofiber sequences for the topological Hochschild homology (THH) and topological cyclic homology (TC) of spectral categories. Using a "global" construction of the THH and TC of a scheme in terms of the perfect complexes in a spectrally enriched version of the category of unbounded complexes, these sequences provide cofiber sequences associated to the inclusion of an open subscheme. This is joint work with Michael Mandell. (Received September 04, 2008)