1100-18-385   **Bregje Pauwels*** (`bregje@ucla.edu`). *Seperable and Galois Extensions in Tensor Triangulated Geometry.* Preliminary report.

For a commutative separable ring object A in a tensor triangulated category K, we study extension-of-scalars to the category of A-modules in K and the induced map on spectra. We describe the map on spectra for Galois extensions and study their degree. We are particularly interested in the homotopy category of perfect complexes over a commutative ring and the stable category of a finite group over a field. (Received February 11, 2014)