

1143-55-111

J.D. Quigley*, 255 Hurley Hall, Notre Dame, IN 46556. *The parametrized Tate construction.*

The parametrized Tate construction is an equivariant enhancement of the classical Tate construction. I will define this construction and outline some applications to C_2 -equivariant Mahowald invariants, blueshift for Real oriented spectra (joint work with Guchuan Li and Vitaly Lorman), and Real cyclotomic spectra (work-in-progress with Jay Shah). (Received August 04, 2018)