

18th NRW Topology Meeting – Bielefeld (Germany)

Friday, November 16, 2012

14.30, Hörsaal 16

Jens Hornbostel: (Wuppertal) **“Equivariant K-Homology and Thomason’s Theorem”**

We generalize several comparison results between algebraic, semi-topological and topological K-theories to the equivariant case with respect to a finite group. Moreover, we show that Walker’s theorem comparing semi-topological and topological K-homology extends to singular varieties. This is joint work with Jeremiah Heller.