
JAE CHOON CHA, POSTECH

Bordism, chain homotopy, and Cheeger-Gromov ρ -invariants

I will talk about quantitative results for Cheeger-Gromov L^2 ρ -invariants with some applications to complexities of 3-manifolds. Also I will discuss related quantitative approaches to 4-dimensional bordism, chain homotopy, and functorial embeddings into acyclic groups.