Relative Igusa-Todorov Function

Rasool Hafezi

University of Isfahan and IPM

Iran

This is joint work with Javad Asadollahi and Changchang Xi. In my talk I will introduce a relative version of Igusa and Todorov function. Then as a application, we show that if M is a resolving module over an artin algebra Λ with $rep.dim\Lambda \leq 3$, then $\Gamma = \mathrm{End}_\Lambda(\mathrm{M})^{\mathrm{op}}$ is of finitistic dimension.