
MAURICIO CORRÊA JR., UFMG

Čech-Bott-Chern cohomology and refined residue theory.

The Bott-Chern cohomology of a complex manifold refines both the de Rham and Dolbeault cohomologies. In this talk, we present a Čech-Bott-Chern cohomology theory. In particular, we present a relative Bott-Chern cohomology and discuss applications in the refined residue theory. A joint work with Tatsuo Suwa.