

1061-57-3

Ernesto Lupercio*, CINVESTAV. *Orbifolds and quantum field theories.*

In this talk I will review the work of our group at Cinvestav on orbifold quantum field theories, specifically I will explain how orbifold string topology is related to Chen-Ruan orbifold cohomology. The talk will be geared towards a general mathematical audience. (Received May 05, 2009)