

1025-53-241

Christopher W Seaton* (seatonc@rhodes.edu), Dept. of Mathematics and Computer Science, Rhodes College, 2000 N. Parkway, Memphis, TN 38104. *Euler classes for orbifolds.*

The usual definition of the Euler class of a vector bundle over a smooth manifold generalizes directly to the case of an orbifold vector bundle over a smooth orbifold. We will discuss other generalizations of the Euler class and relationships to other invariants. (Received January 23, 2007)