

1155-55-404

Rebecca E Field*, MSC 1911, James Madison University, 800 South Main Street, Harrisonburg, VA 22807. *A gentle introduction to equivariant cohomology.*

What does it mean for an object to have symmetries? I'll explain what a classifying space is, do some equivariant cohomology, and elucidate some of the more subtle things that we can mean by 'the shape of a group'. (Received January 19, 2020)