

**CLASSES CARACTÉRISTIQUES RÉELLES
DE CERTAINS G -FIBRÉS VECTORIELS
ET RÉSIDUS**

ABDELHAK ABOUQATEB

Abstract

This work is a contribution to study residues of real characteristic classes of vector bundles on which act compact Lie groups. By using the Čech-De Rham complex, the realisation of the usual Thom isomorphism's permits us to illustrate localisation's techniques of some topological invariants.

Keywords. Characteristic classes, residues, group action, Thom's isomorphism, fiber integration.