

1145-53-1185 **Ivan Contreras*** (icontreraspalacios@amherst.edu) and **Rui Fernandes**. *The Hurewicz theorem for Lie algebroids and Lie groupoids.*

Lie algebroids are natural objects in differential geometry and they serve as a 'vector-bundle' version of Lie algebras. In this talk we study the existence of an abelian integration of the abelianization of Lie algebroids and how this extends the classical Hurewicz theorem. (Received September 19, 2018)