Bertrand Monthubert

32 chemin de la Pélude F-31400 Toulouse E-mail address: bertrand@monthubert.net

Groupoids and Index Theory in the singular manifolds setting .

Abstract: The introduction of groupoids in Index Theory has been realized by A. Connes in the context of foliations. It was later developped and we will present an overview of the way groupoids intervene in index theory. We will also give examples where groupoids techniques induce index results in the context of singular manifolds.