LICHNEROWICZ–POISSON COHOMOLOGY AND BANACH LIE ALGEBROIDS

CRISTIAN IDA

Communicated by V. Valov

ABSTRACT. In this note the Poisson structures on Banach manifolds are considered. Then a Lichnerowicz–Poisson cohomology is reformulated in the Banach setting and its relation with Banach Lie algebroids cohomology is given in a classical way just as in the finite dimensional case.

DEPARTMENT OF MATHEMATICS AND INFORMATICS, TRANSILVANIA UNIVERSITY OF BRAŞOV, STR. IULIU MANIU NO. 50, 500091, BRAŞOV, ROMÂNIA.
E-mail address: cristian.ida@unitbv.ro