Pavle Pandžić, University of Zagreb

MIT Lie Groups Seminar, April 10, 2013

Dirac cohomology for modules without infinitesimal character

Some usual properties of Dirac cohomology and index break down for more complicated modules, which do not have an infinitesimal character but only a generalized infinitesimal character. To overcome such difficulties, we modify the definition of Dirac cohomology for such modules. This is joint work with Petr Somberg.