Orbit, stratum and stabilizer structure of the adjoint representations of SL(nC) groups

L. Saliu

Department of Physics I, University of Craiova, Str. A. I. Cuza 13, Craiova-1100, Romania, tel. and fax 051-415077

ABSTRACT

The orbit, stratum and stabilizer structure in the case of the adjoint representations of SL(nC) groups, Ad SL(nC), is examined and reviewed here mainly in the light of symmetric equivariant algebra, as well as of associated symmetric invariant polynomial mappings defined on Lie algebras sl(nC), n \geq 3.