

Degeneracy of spectral sequence of holomorphic Poisson bi-complex

Yat Sun Poon^{*}

ypoon@ucr.edu

The Lie algebraic cohomology associated to a holomorphic Poisson structure is computed by a bi-complex. We investigate the conditions when the related spectral sequence degenerates on its first or second pages.

^{*}Department of Mathematics, University of California at Riverside, Surge Building. 202 Surge, Riverside, CA 92521, USA