Consistent Hamiltonian interactions from BRST cohomology^{*}

Constantin Bizdadea¹ and Solange-Odile Saliu²

Faculty of Physics, University of Craiova 13 A. I. Cuza Str., Craiova RO-1100, Romania

ABSTRACT

In this talk we expose the problem of constructing consistent interactions among fields with gauge freedom in the framework of the Hamiltonian BRST formalism.

^{*} Lecture given at the 2nd Spring School and Workshop on Quantum Field Theory and Hamiltonian Systems (Călimănești, Romania, May 2000).

¹ E-mail address: bizdadea@central.ucv.ro

² E-mail address: osaliu@central.ucv.ro