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UC|UP MATH PhD Program

Research Seminar Program
UC|UP Joint PhD Program in Mathematics

Date and Time. September 29, 2015 - 15h00

Place. Room 5.5, Department of Mathematics, University of Coimbra

Speaker. Azizeh Nozad [1]

Title. Birationality of moduli spaces of twisted U(p,q)-Higgs bundles

Abstract. Let X be a Riemann surface of genus g greater or equal than 2. A twisted U(p,q)-Higgs bundle consists of a pair of holomorphic vector bundles on a Riemann surface, together with a pair of twisted maps between them. Here we study the variation with the parameter of the moduli space of twisted U(p,q)-Higgs bundles with a view to obtaining birationality results.

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[1]Azizeh Nozad is a student for the Joint PhD Program in Mathematics UC|UP working at University of Porto in the area of "Algebraic Geometry" under the supervision of Prof. Peter Gothen.