



CENTRO DE
MATEMÁTICA
UNIVERSIDADE DO PORTO

GEOMETRY AND TOPOLOGY SEMINAR

Stability of the Poincaré bundle

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Abstract. Let X be a smooth projective curve of genus at least two. Let G be an almost simple affine algebraic group. The universal principal G -bundle is called the Poincaré bundle. It is a principal G -bundle on the product of the curve and the moduli stack of principal G -bundles. We prove that it is stable with respect to any polarization (joint work with I. Biswas and N. Hoffmann).

FRIDAY, MAY 26

15:30

Room 1.09

FCT Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR



UID/MAT/00144/2013