Computing equivariant harmonic maps from $\mathbb{H}^2$ to $\mathbb{H}^3$

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Abstract

I will present an ongoing computer project with Jonah Gaster (Boston College) where we compute the "nonabelian Hodge correspondence" between the $SL(2, \mathbb{C})$-character variety of a surface group and the moduli space $SL(2, \mathbb{C})$-Higgs bundles.

Monday, 21 September 2015, 4pm
Smith Hall 204