



FMSP Lectures

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Dominating representations by Fuchsian ones

September 7 (Saturday) 15:00 ~ 16:30 Room 123

Abstract:

We will focus on the problem of dominating the translation lengths of a representation from a surface group to the isometries of a $CAT(-1)$ space by the lengths induced by a hyperbolic structure on the surface. This is related to the construction of 3-dimensional anti-de-Sitter compact manifolds. This is a collaboration with Nicolas Tholozan..