理学部数理科学科 談話会

以下の要領で談話会を開催致しますので、奮ってご参加をお願い致します。

日時: 5月20日10時30分–12時
講演者 : Subhojoy Gupta氏 (Indian Institute of Science)
講演題目: **Meromorphic projective structures and grafting**

内容: A projective structure on a Riemann surface is determined by a holomorphic quadratic differential via the Schwarzian differential equation. Thurston showed that on a closed surface, any such structure is obtained by the geometric operation of grafting a hyperbolic surface along a measured geodesic lamination.

I shall discuss the analogue of Thurston's theorem in the case of a punctured Riemann surface, when the quadratic differentials have higher order poles at the punctures.

This is joint work with Mahan Mj.

問い合わせ先: 志賀 啓成
shiga@cc.kyoto-su.ac.jp