

1129-30-322

William Harvey* (bill.harvey@kcl.ac.uk), Math Dept., King's College London, Strand, London, WC2R 2LS, United Kingdom. *Symmetry and Veech curves in moduli spaces*. Preliminary report.

The study of Teichmüller moduli spaces has developed into a penetrating study of the interaction between the local properties of a Riemann surface, perhaps decorated with extra structure (points, spin structure, holomorphic 1-form,...), and the global geometry of the deformation space of such structures. We discuss an example of how finite symmetry is reflected in a particular pattern of an embedded complex curve in the quotient modular varieties. (Received March 19, 2017)