

Finiteness results for Teichmüller curves in Prym loci

Erwan Lanneau, Université de Grenoble I (Joseph Fourier)

We will discuss two different questions of classification of Teichmüller curves in some strata of Abelian differentials. The first problem is devoted to the classification of the infinite families of Teichmüller curves generated by Prym eigenforms having a single zero. The second problem is devoted to Prym eigenforms having several zeros.