

1112-14-35

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Spain. *The action of the absolute Galois group on quasiplatonic curves.*

A triangle (or quasiplatonic) curve of type (l,m,n) is a complex curve C admitting a group G of automorphisms such that the quotient C/G is an orbifold of genus zero with three branching values of multiplicities l,m and n . By Belyi's theorem all such curves are defined over a number field and so the absolute Galois group acts on (the isomorphism classes of) them.

Let C be any given hyperbolic triangle curve defined over the rationals such as Klein's or Fermat's. We will show that the absolute Galois group acts faithfully on the set of triangle curves which are unramified normal covers of C . In particular it acts faithfully on quasiplatonic curves of any given hyperbolic type. This is joint work with Andrei Jaikin-Zapirain. (Received June 19, 2015)