



Leibniz
Universität
Hannover

Oberseminar Zahlentheorie und Arithmetische Geometrie

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Automorphisms of unnodal Enriques surfaces

It follows from an observation of A. Coble in 1919 that the automorphism group of an unnodal Enriques surface contains the 2-congruence subgroup of the Weyl group of the E_{10} -lattice. In this talk, I will explain how much bigger the automorphism group of an unnodal Enriques surface can be. Furthermore, I will determine the automorphism group of a generic Enriques surface in arbitrary characteristic (under the additional assumption that the Enriques surface is ordinary if the characteristic is 2), improving the corresponding result of W. Barth and C. Peters for very general Enriques surfaces over the complex numbers.

Donnerstag, 11.07.2019

12:00 - 13:00, Raum a410

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.