Mariela Carvacho

Towers of Riemann Surfaces and Fields of Moduli

Abstract We construct a tower of explicit examples of curves which cannot be defined over their field of moduli. We start with non-hyperelliptic curves given by Hidalgo and the lowest is the hyperelliptic curves isomorphic to the obtain by Earle.

This is joint work with Michela Artebani, Ruben Hidalgo and Saúl Quispe.