

Constructing real algebraic curves with many real Weierstrass points using tropical geometry

Cristhian Garay¹

¹ Instituto de Matemática e Estatística. Universidade Federal Fluminense

In this talk we will use tropical methods to construct a smooth real algebraic curve of genus four in which half of its Weierstrass points are located in the real part of the curve (i.e. they are real).

References

- [1] CRISTHIAN GARAY , *Tropical intersection theory, and real inflection points of real algebraic curves* , These de doctorat.