



ODTU-Bilkent Algebraic Geometry

The p ranks of Prym varieties

By

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Abstract: In this talk we will start with basics of moduli space of curves, coverings of curves, p -ranks and mention the differences in characteristics 0 and positive characteristics. Then we'll define Prym variety which is a central object of study in arithmetic geometry like Jacobian variety. The goal of the talk is to understand various existence results about Prym varieties of given genus, p -rank and characteristics of the base field. This is joint work with Rachel Pries.

Date: Friday, May 5, 2023

Time: 15:40 (GMT+3)

Place: Zoom

To request the event link, please send a message to sertoz@bilkent.edu.tr