



ODTU-Bilkent Algebraic Geometry

Instanton Bundles on $P^1 \times F_1$

By

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Abstract: A μ -stable vector bundle E of rank 2 with $c_1(E)=0$ on P^3 is called mathematical instanton bundle if $H^1(P^3, E(-2))=0$. In this talk, we will study the definition of mathematical instanton bundles on Fano 3-folds and the construction of them on $P^1 \times F_1$ where F_1 is the del Pezzo surface of degree 8. This talk is based on the joint work with Vincenzo Antonelli and Gianfranco Casnati.

Date: 2 April 2021, Friday

Time: 15:40

Place: Zoom

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