

Calabi–Yau threefolds in \mathbb{P}^6

Michał Kapustka

Jagiellonian University in Kraków, Poland

michal.kapustka@uj.edu.pl

The talk is based on the joint work with Grzegorz Kapustka

Session: 2. Algebraic Geometry

Calabi–Yau threefolds in \mathbb{P}^6 , so-called Pfaffian Calabi–Yau threefolds, are a special class of Calabi–Yau threefolds which on one hand have often precise descriptions in terms of equations and on the other are hard to study from the point of view of mirror symmetry. In this talk, we shall review the theory of these manifolds and present directions for possible future investigation.