

# Fano-Mukai fourfold of $g = 10$ as compactification of $\mathbb{C}^4$

liu yingqi

March 25, 2025

## 1 notation

Mukai var:  $X$  smooth variety, and  $PicX = \mathbb{Z}$  and  $-K_X = (n - 2)H$

classification: for  $g \in \{7, 8, 9, 10\}$ , we have  $X \subset M_g = G/P$  as smooth linear section. And others.