

# Modulization of Fano Varieties

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## Definition of Fano Varieties

A Fano manifold is  $X$  a smooth proj variety s.t.  $\omega_X^{-1}$  ample dim 2 example.  
P2 P1\*P1 P2 blow up up to 8 points.

**Key stability K-stability (highly depend on analysis)**