

X special variety

$$K_X \leq 0$$

$$\text{no } \underset{\text{Stein}}{M} \xrightarrow{\text{hol}} X: d_X = 0$$

$$g \leq 1$$

$\pi_1(X)$ abelian

$$X \subset \mathbb{P}(\mathbb{C}^N): \deg X \leq N$$

$$\bigvee_{\mathbb{Q} \subset k \subset K} \text{K-rational points } X \times_k K = \{ \text{Spec}_k K \xrightarrow{\text{mor}} X \} \text{ infinite}$$

homogeneous G/H

Fano

Abel \mathbb{C}^g/Γ

Calabi-Yau