X general variety

$$K_X > 0$$

many $\underset{\text{Stein}}{M} \xrightarrow[\text{hol}]{} X: \quad d_X > 0$

$$g > 1$$

$\pi_1(X)$ non-abelian $\mathbb{F}_{2g}/\sim$

$$\pi_1(\Sigma) = \mathbb{F}_{2g}/\sim$$

$$H_1(\Sigma) = \pi_1^{\text{ab}}(\Sigma) = \mathbb{Z}_{2g}$$

$$X \subseteq \mathbb{P}\left(\mathbb{C}^N\right): \quad \deg X > N$$

$\underset{\mathbb{Q} \sqsubseteq k \sqsubseteq K}{\bigwedge}$ K-rational points $X \rlap{\,\reflectbox{X}}{X}_k K = \{\operatorname{Spec}_k K \xrightarrow[\text{mor}]{} X\}$ finite

$$\mathbb{B}_n/\Gamma$$