Automorphism group of smooth hypersurfaces

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Ref: https://arxiv.org/abs/2405.09505 Condsider $X_{n,d} \subset \mathbb{P}^{n+1}$ is

- CY

- fano

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Theorem 0.1 (matsumura-monsky). *for $n \geq 2, d \geq 3$, $AutX_{n,d} = Lin(X)$ is finite.*

Where $Lin(X)$ are autos that extends to auto of $\mathbb{P}^{n+1}$
conterquestion: Given finite $G \subset PGL(n+2)$, find F and $X = V(F)$.

Remark 0.2. *A lot computation is done by computers.*