

On the Cremona dimension of a finite group

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The Cremona dimension $\text{Cr}(G)$ of a finite group G is the minimal dimension of a rationally connected variety X which admits a faithful G -action. I will discuss the history of this invariant and new lower bounds on $\text{Cr}(G)$ (in the case, where G is a non-commutative p -group) obtained jointly with Giulio Bresciani and Angelo Vistoli.

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