

Quotients of higher dimensional Cremona groups

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The Cremona group is the group of birational transformations of the projective space. In dimension 2, the group is a classical, well studied object. For instance, it is not simple, as proven by Cantat and Lamy. I will a joint work with Blanc and Lamy, where we show that also in higher dimension, the Cremona groups are not simple by providing a homomorphism from the Cremona group to an abelian group.