

Algebraic Geometry - Mariusz Koras in memoriam
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CREMONA GROUPS VS. ALGEBRAIC GROUPS

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ABSTRACT. Although the Cremona groups are infinite-dimensional, the analogies between them and affine algebraic groups catch the eye: they have the Zariski topology, algebraic subgroups, tori, roots, Weyl groups, Borel subgroups, ... The talk is aimed to discuss the similarities and differences related to this phenomenon.