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If  $X$  is rational clearly  $\text{Bir}(X) \cong \text{Bir}(\mathbb{P}^N)$ , where  $N$  is the dimension of  $X$ ;  $\text{Bir}(\mathbb{P}^N)$  is the Cremona group. algebraic geometry - Birational automorphism for ... Birational Geometry: 1. Geometric and Arithmetic theory of Rationally Connected Varieties. 2. Minimal Model Program and Classification of varieties. 3. Stability. 4. Topology and Geometry of Singularities. Chenyang Xu's Homepage - Mathematics Buy Birational Geometry, Rational Curves, and Arithmetic by Bogomolov, Fedor, Hassett, Brendan, Tschinkel, Yuri online on Amazon.ae at best prices. Fast and free shipping free returns

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announced later. Please follow the website for the latest information. Stay safe and stay ...Birational Geometry - International Center for ...Classically, arithmetic is the study of rational or integral solutions of diophantine equations and geometry is the study of lines and conics. From the modern standpoint, arithmetic is the study of rational and integral points on algebraic varieties over nonclosed fields. Birational Geometry, Rational Curves, and Arithmetic eBook ...Now for higher dimensional, there is a theorem that birational varieties may be blown up along sequences of smooth centres with codimension at least  $\geq 2$  to get a common

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