Record Nr. UNINA9910921017103321 Autore Tschinkel Yuri **Titolo** Arithmetic and Algebraic Geometry: A Mathematical Tribute to Yuri Manin / / edited by Yuri Tschinkel Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 9783031741340 303174134X Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (453 pages) Collana Simons Symposia, , 2365-9572 Disciplina 516.35 Soggetti Geometry, Algebraic Mathematical physics Logic, Symbolic and mathematical Algebraic Geometry Mathematical Physics Mathematical Logic and Foundations Física matemàtica Geometria algebraica Llibres electrònics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Preface -- Projecting lattice polytopes according to the Minimal Model Nota di contenuto Program -- Zeta-polynomials, superpolynomials, DAHA and plane curve singularities -- Rational points over C1 fields -- On isomorphisms of ind-varieties of generalized flags -- Spectral description of non-commutative local systems on surfaces and noncommutative cluster varieties -- Semi-stable reduction of foliations --The Hasse principle for 9-nodal cubic 3-folds -- Manin's work in birational geometry -- Endomorphism Algebras and Automorphism Groups of certain Complex Tori. This book is a tribute to the memory of Yuri Ivanovich Manin, who Sommario/riassunto passed away on January 7, 2023. Manin was one of the giants of

modern mathematics. His work covered a wide range of fields, including logic, number theory, geometry, mathematical physics,

theoretical computer science, and linguistics. The contributions collected here are on topics close to his life-long passion: arithmetic and algebraic geometry.