



## Selected Papers

By Mumford, David / Neeman, Amnon

Condition: New. Publisher/Verlag: Springer, Berlin | Volume II: On Algebraic Geometry, including Correspondence with Grothendieck | These articles span the years from 1961-1980 while David Mumford was an active researcher in the area of algebraic geometry. This volume includes many important papers previously omitted. Mumford's correspondence with Grothendieck is also included. | Mumford is a well-known mathematician and winner of the Fields Medal, the highest honor available in mathematics. Many of these papers are currently unavailable, and the correspondence with Grothendieck has never before been published | Topology of normal singularities and a criterion for simplicity.- The canonical ring of an algebraic surface.- Some aspects of the problem of moduli.- Two fundamental theorems on deformations of polarized varieties.- A remark on Mordell's conjecture.- Picard groups of moduli problems.- Abelian quotients of the Teichmüller modular group.- Deformations and liftings of finite, commutative group schemes.- Bi-extensions of formal groups.- The irreducibility of the space of curves of given genus.- Varieties defined by quadratic equations, with an appendix by G. Kempf.- A remark on Mahler's compactness theorem.- Introduction to the theory of moduli.- An example of a unirational 3-fold which is not rational.- A remark on the paper of M. Schlessinger.- Matsusaka's big theorem.-...



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