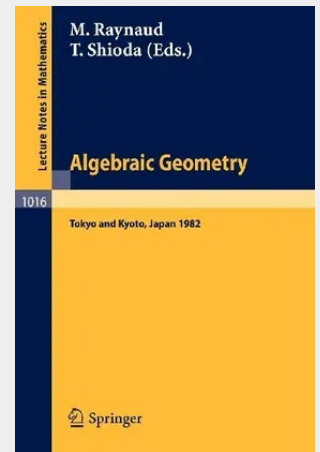


Algebraic Geometry

Around the Mordell conjecture for function fields and a conjecture of Serge Lang.- Finiteness, duality, and K₂ theorems in the cohomology of the De Rham Witt complex.- De Rham cohomology of algebraic surfaces with $q = p$ in char. p .- Cohomologie de De Rham, cohomologie cristalline et representations p -adiques.- Class field theory and algebraic K-theory.- Geometrie microlocale.- Vanishing cycle sheaves and holonomic systems of differential equations.- Vanishing cycles over a base of dimension ≥ 1 .- Sur la cat $\acute{e}$ gorie d $\acute{e}$ modules filtr $\acute{e}$ s.- Quelques remarques sur la transformation de Fourier dans l $\acute{e}$ anneau de Chow d $\acute{e}$ une vari $\acute{e}$ te ab $\acute{e}$ lienne.- Transcendental cycles on Hilbert modular surfaces.- Algebraic cycles on a certain hypersurface.- Hironaka group schemes and resolution of singularities.- Condition de Jung four les rev $\acute{e}$ tements radiciels de hauteur 1.- The uniruledness of the moduli space of curves of genus ≥ 1 .- A remark on variation of the Hodge structure on curves.- Singularities of the curve of jumping lines of a vector bundle of rank 2 on $\mathbb{P}^2$.- Hirzebruch's examples of surfaces of general type with $c_1^2 = 3c_2$.- Characterization of two lines on a projective plane.- On the affine-ruledness of algebraic varieties.- Minimal rational threefolds.- Vanishing theorems for semipositive line bundles.- Proceedings of the conference on algebraic geometry held at La Rabida.

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