

CONTENTS

Part I

T. MATSUSAKA, On some cohomology groups of invertible sheaves	1
Arthur OGUS, F -crystals and Griffiths transversality	15
Ma. KATO, Compact complex manifolds containing "global" spherical shells, I	45
Shiing-shen CHERN and Phillip A. GRIFFITHS, Linearization of webs of codimen- sion one and maximum rank.....	85
L. SZPIRO, Le théorème de la régularité de l'adjointe de Gorenstein à Kodaira	93
Spencer BLOCH, Applications of the dilogarithm function in algebraic K -theory and algebraic geometry	103
D. MUMFORD, An algebro-geometric construction of commuting operators and of solutions to the Toda lattice equation, Korteweg deVries equation and related non-linear equations	115
C. S. SESHADRI, Desingularisation of the moduli varieties of vector bundles on curves	155
Shigeru IITAKA, Some applications of logarithmic Kodaira dimension	185
Yujiro KAWAMATA, Addition formula of logarithmic Kodaira dimensions for morphisms of relative dimension one	207
Shigefumi MORI, On Tate conjecture concerning endomorphisms of abelian varieties	219
M. Pavaman MURTHY, Affine varieties as complete intersections	231
M. ARTIN, Specialization of representations of rings	237
Shreeram S. ABHYANKAR, On the semigroup of a meromorphic curve, I.....	249

Part II

KAZUO AKAO, Complex structures on $S^{2p+1} \times S^{2q+1}$ with algebraic codimension 1 and their small deformations	415
Teruo ASANUMA, D -algebras which are D -stably equivalent to $D[Z]$	447
Silvio GRECO, On the theory of branches	477
Hiroshi INOSE, Defining equations of singular $K3$ surfaces and a notion of isogeny	495
Masa-Nori ISHIDA, Compactifications of a family of generalized Jacobian varieties	503

Toshiyuki KATSURA, On Kummer surfaces in characteristic 2	525
Yoshiyuki KURAMOTO, On Hilbert modular varieties of bicyclic biquadratic fields	543
Herbert KURKE, On Castelnuovo's criterion for rational surfaces	557
Kazuhisa MAEHARA, On elliptic surfaces whose first Betti numbers are odd	565
Masayoshi MIYANISHI, Analytic irreducibility of certain curves on a nonsingular affine rational surface	575
Masumi MIZUKAMI, Fixed point free involutions on certain non-singular quartic surfaces.....	589
Tadao ODA and Frans OORT, Supersingular abelian varieties.....	595
Miles REID, Bogomolov's theorem $c_1^2 \leq 4c_2$	623
Fumio SAKAI, Canonical models of complements of stable curves	643
Ei-ichi SATO, The decomposability of an infinitely extendable vector bundle on the projective space, II.....	663
Hiroaki TERAQ, Forms with logarithmic pole and the filtration by the order of the pole	673
Ryuji TSUSHIMA, Hyperbolicity of quotients of bounded symmetric domains ...	687
Kenji UENO, Classification of algebraic varieties, II—Algebraic threefolds of parabolic type—	693
Hiroshi UMEMURA, On a property of symmetric products of a curve of genus 2	709
Sampei USUI, Local Torelli theorem for some non-singular weighted complete intersections	723
Hisao YOSHIHARA, On deformations of hyperelliptic manifolds	735