

CONTENTS

- Lars V. Ahlfors, **The Hölder continuity of quasiconformal deformation** 1
- Allen B. Altman and Steven L. Kleiman, **Compactifying the Picard scheme, II** 10
- F. Baldassarri and B. Dwork, **On second order linear differential equations with algebraic solutions** 42
- D. Gieseker, **On a theorem of Bogomolov on Chern classes of stable bundles** 77
- Andrew M. Gleason, **A curvature formula** 86
- Phillip A. Griffiths, **A theorem concerning the differential equations satisfied by normal functions associated to algebraic cycles** 94
- F. Hirzebruch and A. Van de Ven, **Minimal Hilbert modular surfaces with $p_g = 3$ and $K^2 = 2$** 132
- Jun-ichi Igusa, **Ring of modular forms of degree two over \mathbb{Z}** 149
- George Kempf, **Toward the inversion of abelian integrals, II** 184
- Joseph Lipman, **Rings with discrete divisor class group: theorem of Danilow-Samuel** 203
- T. Matsusaka, **On polarized varieties of dimension 3, I** 212
- David Mumford, **An algebraic surface with K ample, $(K^2) = 9$, $p_g = q = 0$** 233
- M. Nagata, **A generalization of the notion of a valuation** 245
- Maxwell Rosenlicht, **On the value group of a differential valuation** 258

- Sheeram S. Abhyankar, **Quasi rational singularities** 267
- M. Artin and W. Schelter, **A version of Zariski's main theorem for polynomial identity rings** 301
- Piotr Blass and Joseph Lipman, **Remarks on adjoints and arithmetic genera of algebraic varieties** 331
- Christopher I. Byrnes and Peter L. Falb, **Applications of algebraic geometry in system theory** 337
- W.-L. Chow, **On the algebraicity of certain ringed spaces** 364
- R. Hartshorne, **Complete intersections in characteristic $p > 0$** 380
- H. Hironaka, **On Zariski dimensionality type** 384
- Le Dũng Tráng and B. Teissier, **Sur la geometrie des surfaces complexes I. tangentes exceptionnelles** 420
- Oscar Zariski, **Foundations of a general theory of equisingularity on r -dimensional algebroid and algebraic varieties of embedding dimension $r + 1$** 453