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Nota di contenuto	<p>""Contents""; ""Preface""; ""Open problems in affine algebraic geometry (collected by G. Freudenburg and P. Russell)""; ""Purely inseparable k-forms of affine algebraic curves""; ""Generic fibrations by <math>A^1</math> and <math>A^*</math> over discrete valuation rings""; ""Hesse and the Jacobian Conjecture""; ""Bad field generators""; ""Coordinates in ideals of polynomial algebras""; ""On the uniqueness of <math>C^*</math>-actions on affine surfaces""; ""On two recent views of the Jacobian Conjecture""; ""Singularities on normal affine 3-folds containing <math>A^1</math>-cylinderlike open subsets""; ""Free <math>c+</math> - actions on affine threefolds""</p> <p>""Again <math>x + x^2y + z^2 + t^3 = 0</math>"" ""Equivariant cancellation for algebraic varieties""; ""Constructing polynomial mappings using non-commutative algebras""; ""On the generic curve of genus 3""; ""Orders of points on elliptic curves""; ""Test polynomials, retracts, and the Jacobian conjecture""; ""The Jacobian Conjecture: ideal membership questions and recent advances""; ""1. The Jacobian Conjecture""; ""2. Ideals Defining the Jacobian Condition""; ""3. Formulas for the Formal Inverse""; ""4. Ideal Membership Results""; ""References""</p>