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Altri autori (Persone)	AtiyahMichael Francis <1929-> IagolnitzerDaniel
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Quasiconformal mappings, Teichmuller spaces, and Kleinian groups / L.V. Ahlfors -- Calcul infinitesimal stochastique / L. Schwartz -- On Kahler varieties of restricted type / K. Kodaira -- Rational approximations to algebraic numbers / K.F. Roth -- Autobiography / R. Thom -- Looking forward from ICM 1962 / L. Hormander -- The index of elliptic operators / M.F. Atiyah -- A survey of some recent developments in differential topology / S. Smale -- Effective methods in the theory of numbers ; Effective methods in Diophantine problems -- Effective methods in Diophantine problems. II -- Effective methods in the theory of numbers/Diophantine problems / A. Baker -- Role of integrable models in the development of mathematics / S. Novikov -- Pattern theory: a unifying perspective / D. Mumford -- Oppenheim conjecture / G.A. Margulis -- Brisure de symetrie spontanee et geometrie du point de vue spectral / A. Connes -- Remarks on gauge theory, complex geometry and 4-manifold topology / S.K. Donaldson -- Betti number estimates for nilpotent groups / M.H. Freedman -- A polynomial invariant for knots via von Neumann algebras -- Index for subfactors / V.F.R. Jones -- Birational classification of algebraic threefolds / S. Mori -- Geometry and quantum field theory / E. Witten

-- Hamiltonian methods in nonlinear evolution equations / J. Bourgain
 -- On some recent methods for nonlinear partial differential equations / P.L. Lions -- Recent developments in dynamics / J.C. Yoccoz -- On the restricted Burnside problem / E.I. Zelmanov -- What is moonshine? / R. E. Borcherds -- A new proof of Szemerédi's theorem for arithmetic progressions of length four / W.T. Gowers -- Formal (non)-commutative symplectic geometry ; Comments on "Formal (non)-commutative symplectic geometry" / M. Kontsevich -- Rigidity and inflexibility in conformal dynamics / C.T. McMullen -- Open problems in the motivic style homotopy theory, I / V. Voevodsky.

Sommario/riassunto

Although the Fields Medal does not have the same public recognition as the Nobel Prizes, they share a similar intellectual standing. It is restricted to one field that of mathematics and an age limit of 40 has become an accepted tradition. Mathematics has in the main been interpreted as pure mathematics, and this is not so unreasonable since major contributions in some applied areas can be (and have been) recognized with Nobel Prizes.
