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| Altri autori (Persone) | BuchstaberV. M MalyutinAndrey V |
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| Soggetti | Geometry Topology Dynamics Algebraic geometry -- Foundations -- Generalizations (algebraic spaces, stacks) Measure and integration {For analysis on manifolds, see 58-XX} -- Measure-theoretic ergodic theory [See also 11K50, 11K55, 22D40, 37Axx, 47A35, 54H20, 60Fxx, 60G10] -- Measure-preserving transformatio Convex and discrete geometry -- General convexity -- Random convex sets and integral geometry [See also 53C65, 60D05] Algebraic topology -- Homology and cohomology theories [See also 57Txx] -- K -theory [See also 19Lxx] {For algebraic K -theory, see 18F25, 19-XX} Algebraic topology -- Homology and cohomology theories [See also 57Txx] -- Bordism and cobordism theories, formal group laws [See also 14L05, 19L41, 57R75, 57R77, 57R85, 57R90] |
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| Nota di contenuto | V.A. Rokhlin, materials for the biography / A.M. Vershik -- Teaching mathematics to non-mathematicians / V.A. Rokhlin -- Vladimir Abramovich Rokhlin and algebraic topology / V. M. Buchstaber -- Amenability of groupoids and asymptotic invariance of convolution powers / T. Buhler and V.A. Kaimanovich -- Slopes of links and |

signature formulas / A. Degtyarev, V. Florens, and A.G. Lecuona -- B-rigidity of the property to be an almost Pogorelov polytope / N. Yu. Erokhovets -- The first homology of a real cubic is generated by lines / S. Finashin and V. Kharlamov -- Circular orders, ultra-homogeneous order structures, and their automorphism groups / E. Glasner and M. Megrelishvili -- Convergence of equilibrium measures corresponding to finite subgraphs of infinite graphs : new examples / B.M. Gurevich -- Anti-symplectic involutions on rational symplectic 4-manifolds / V. Kharlamov and V. Shevchishin -- Dolbeault cohomology of complex manifolds with torus action / R. Krutowski and T. Panov -- Poincare polynomials of generic torus orbit closures in Schubert varieties / E. Lee, M. Masuda, S. Park, and J. Song -- Higher order Massey products and applications / I. Limonchenko and D. Millionshchikov -- Discreteness of deformations of cocompact discrete subgroups / G.A. Margulis and G.A. Soifer -- Topological isotopy and Cochran's derived invariants / S.A. Melikhov -- Geometric description of the Hochschild cohomology of group algebras / A.S. Mishchenko -- A user's guide to basic knot and link theory / A. Skopenkov -- Group actions : entropy, mixing, spectra, and generic properties / A. Stepin and S. Tikhonov -- Rokhlin's theorem, a problem and a conjecture / D. Sullivan -- Maximally inflected real trigonal curves on Hirzebruch surfaces / V.I. Zvonilov.

Sommario/riassunto

Vladimir Abramovich Rokhlin (8/23/1919-12/03/1984) was one of the leading Russian mathematicians of the second part of the twentieth century. His main achievements were in algebraic topology, real algebraic geometry, and ergodic theory. The volume contains the proceedings of the Conference on Topology, Geometry, and Dynamics: V. A. Rokhlin-100, held from August 19-23, 2019, at The Euler International Mathematics Institute and the Steklov Institute of Mathematics, St. Petersburg, Russia. The articles deal with topology of manifolds, theory of cobordisms, knot theory, geometry of real algebraic manifolds and dynamical systems and related topics. The book also contains Rokhlin's biography supplemented with copies of actual very interesting documents.
