
AUTHOR INDEX TO VOLUME 54

- Abilov, M. V.**, see Abilov, V. A.
- Abilov, V. A.** — Some Inverse Theorems for Approximation of Functions by the Fourier–Laguerre Sums. — V. A. Abilov, F. V. Abilova, and M. V. Abilov; (9), 1–6.
- Abilova, F. V.**, see Abilov, V. A.
- Aldibekov, T. M.** — The Upper Semicontinuity of Senior Generalized Lyapunov Exponents of Systems of Differential Equations. — T. M. Aldibekov; (5), 1–5.
- Alyokhina, M. A.** — Sufficient Conditions for Realizability of Boolean Functions by Asymptotically Optimal Circuits with the Unreliability 2ε . — M. A. Alyokhina and A. V. Vasin; (5), 68–70.
- Ananichev, D. S.** — The Annulation Threshold for Partially Monotonic Automata. — D. S. Ananichev; (1), 1–9.
- Andreev, P. D.** — A. D. Alexandrov’s Problem for Non-Positively Curved Spaces in the Sense of Busemann. — P. D. Andreev; (9), 7–29.
- Andrienko, V. A.** — Embedding of H_p^ω in the Class e^L . — V. A. Andrienko; (3), 1–6.
- Aseev, V. V.** — Convex Expansion of Condenser Plates. — V. V. Aseev; (8), 1–11.
- Bakirov, N. K.** — Comparison of Numerical Integration Formulas. — N. K. Bakirov and I. R. Gallyamov; (12), 1–16.
- Batyrshin, I. I.** — Isolated 2-Computably Enumerable Q -Degrees. — I. I. Batyrshin; (4), 1–6.
- Bel’gart, L. V.**, see Romanovskii, R. K.
- Belikova, O. N.**, see Yumagulov, M. G.
- Bikchantaev, I. A.** — The Riemann Boundary-Value Problem on an n -Sheeted Surface Free of Limit Points of Projections of Branch Points Onto \mathbb{C} . — I. A. Bikchantaev; (4), 7–14.
- Budzban, G.** — A Vector Space Approach to the Road Coloring Problem. — G. Budzban and Ph. Feinsilver; (1), 10–15.
- Burlakov, E. O.** — The Continuous Dependence of Solutions to Volterra Equations With Locally Contracting Operators on Parameters. — E. O. Burlakov and E. S. Zhukovskii; (8), 12–23.
- Chadov, A. L.**, see Maksimov, V. P.
- Chebotaeva, E. V.** — The Study of Boundary-Value Problems for a Singular B -Elliptic Equation by the Method of Potentials. — E. V. Chebotaeva; (5), 75–77.
- Chentsov, A. A.** — An Extremal Constrained Routing Problem With Internal Losses. — A. A. Chentsov, A. G. Chentsov, and P. A. Chentsov; (6), 54–68.
- Chentsov, A. G.**, see Chentsov, A. A.
- Chentsov, A. G.** — On a Generalization of One Game Control Problem in the Class of Finitely Additive Measures. — A. G. Chentsov and Yu. V. Shapar’; (7), 75–90.
- Chentsov, P. A.**, see Chentsov, A. A.
- Chilin, V. I.**, see Zakirov, B. S.
- Chuprunov, A. N.** — The Probability of Correcting Errors by an Antinoise Coding Method When the Number of Errors Belongs to a Random Set. — A. N. Chuprunov and B. I. Khamdeev; (8), 67–73.
- Almost Sure Versions of Limit Theorems for Random Sums of Multiindex Random Variables. — A. N. Chuprunov and L. P. Terekhova; (2), 74–83.
- Dan’shin, A. Yu.** — On the Structure of Infinitesimal Almost Projective Transformations in the Tangent Bundle of a General Space of Paths. — A. Yu. Dan’shin; (9), 62–66.
- Generating Infinitesimal Almost Projective Transformations in the Tangent Bundle of a General Space of Paths by Projective Transformations on the Base. — A. Yu. Dan’shin; (10), 63–66.
- Dautov, R. Z.**, see Mikheeva, A. I.
- Derevenskii, V. P.** — Matrix Differential Equations With Separation of Variables. — V. P. Derevenskii; (7), 37–48.
- Diekert, V.** — Weinbaum Factorizations of Primitive Words. — V. Diekert, T. Harju, and D. Nowotka; (1), 16–25.
- Dinh Trung Hoa**, — To the Theory of Operator Monotone and Operator Convex Functions. — Dinh Trung Hoa and O. E. Tikhonov; (3), 7–11.
- Ditkovskaya, E. E.** — Curvature Identities for Principle T^1 -Bundles Over Almost Hermitian Manifolds. — E. E. Ditkovskaya; (7), 49–55.
- Droste, M.** — Weighted Automata and Weighted Logics on Infinite Words. — M. Droste and G. Rahonis; (1), 26–45.
- Emelichev, V. A.** — On a Measure of Quasistability of a Certain Vector Linearly Combinatorial Boolean Problem. — V. A. Emelichev, A. V. Karpuk, and K. G. Kuz’min; (5), 6–14.
- Enikeeva, S. R.** — A Direct Method for Solving Integral Equations. — S. R. Enikeeva; (2), 11–15.
- Epifanov, S. P.** — Application of the Duality Theory in Modeling Hydraulic Systems With Flow Regulators. — S. P. Epifanov and V. I. Zorkal’tsev; (9), 67–70.

- Ershov, Yu. V.** — Realizability of the H_k -Distance Functions by Homology Classes of Path Spaces. — Yu. V. Ershov and E. I. Yakovlev; (5), 15–20.
- Evtushik, L. E.** — The Mobility of Riemannian Spaces With Respect to Conformal Mappings Onto Einstein Spaces. — L. E. Evtushik, V. A. Kiosak, and J. Mikeš; (8), 29–33.
- Eyelangoli, O. R.**, see Graf, S. Yu.
- Faizrakhmanov, M. Kh.** — Decomposability of Low 2-Computably Enumerable Degrees and Turing Jumps in the Ershov Hierarchy. — M. Kh. Faizrakhmanov; (12), 51–58.
- Feinsilver, Ph.**, see Budzban, G.
- Frolov, A. N.** — Presentations of the Successor Relation of Computable Linear Ordering. — A. N. Frolov; (7), 64–74.
- Fyodorova, G. I.**, see Zhitnikov, V. P.
- Gallyamov, I. R.**, see Bakirov, N. K.
- Gazizov, R. K.** — Classification of Approximate Lie Algebras With Three Essential Vectors. — R. K. Gazizov and V. O. Lukashchuk; (10), 1–14.
- Golovanov, A. I.** — Kinematics of Finite Elastoplastic Deformations. — A. I. Golovanov; (7), 12–25.
- Gorbatsevich, V. V.** — Real Subalgebras in the Matrix Lie Algebra $M(2, \mathbb{C})$. — V. V. Gorbatsevich; (8), 24–28.
- Gorodetskii, V. V.** — The Cauchy Problem for Evolution Equations with the Bessel Operator of Infinite Order. I. — V. V. Gorodetskii and O. V. Martynyuk; (6), 1–12.
- The Cauchy Problem for Evolution Equations with the Bessel Operator of Infinite Order. II. — V. V. Gorodetskii and O. V. Martynyuk; (7), 26–36.
- Graf, S. Yu.** — Differential Inequalities in Linear- and Affine-Invariant Families of Harmonic Mappings. — S. Yu. Graf and O. R. Eyelangoli; (10), 60–62.
- Grebenshchikov, B. G.** — Instability of Systems with Linear Delay Reducible to Singularly Perturbed Ones. — B. G. Grebenshchikov and S. I. Novikov; (2), 1–10.
- Grigoryan, S. A.** — AF -Subalgebras of a C^* -Algebra Generated by a Mapping. — S. A. Grigoryan and A. Yu. Kuznetsova; (3), 72–76.
- Harju, T.**, see Diekert, V.
- Il'in, S. N.** — Direct Sums of Injective Semimodules and Direct Products of Projective Semimodules Over Semirings. — S. N. Il'in; (10), 27–37.
- Irtegov, V. D.** — Specific Features of Families of Invariant Manifolds of Conservative Systems. — V. D. Irtegov; (8), 34–40.
- Jun, Young Bae**, see Khan, Asghar
- Karpuk, A. V.**, see Emelichev, V. A.
- Kats, B. A.** — The Rate of Polygonal Approximation of a Non-Rectifiable Curve and the Jump Problem. — B. A. Kats; (5), 21–26.
- Khabibullin, F. B.** — Sequences of Zeroes of Holomorphic Functions in Weight Spaces in the Unit Disk. — F. B. Khabibullin; (3), 88–90.
- Khamdeev, B. I.**, see Chuprunov, A. N.
- Khan, Asghar** — Intuitionistic Fuzzy Semiprime Ideals in Ordered Semigroups. — Asghar Khan and Muhammad Shabir; (5), 56–67.
- Intuitionistic Fuzzy Quasi-Ideals of Ordered Semigroups. — Asghar Khan, Muhammad Shabir, and Young Bae Jun; (12), 59–71.
- Khasanov, Yu. Kh.** — Approximation of Almost Periodic Functions of Two Variables. — Yu. Kh. Khasanov; (12), 72–75.
- Khromov, A. P.**, see Kurdyumov, V. P.
- Kiosak, V. A.**, see Evtushik, L. E.
- Kirillova, D. A.** — Univalent Functions Without Common Values. — D. A. Kirillova; (9), 74–76.
- Kir'yatskii, E. G.** — On the Approximation of Entire Functions by Trigonometric Polynomials. — E. G. Kir'yatskii; (2), 84–86.
- Kiryushkin, V. V.**, see Terekhin, M. T.
- Klokov, V. V.** — A Problem of Steady-State Electrochemical Shaping with a Non-Schlicht Velocity Hodograph. — V. V. Klokov and D. E. Sergeev; (11), 83–86.
- Kokurin, M. Yu.** — The Global Search in the Tikhonov Scheme. — M. Yu. Kokurin; (12), 17–26.
- Kolodii, N. A.** — Existence and Continuity with Respect to Parameter of Solutions to Stochastic Volterra Equations in a Plane. — N. A. Kolodii; (2), 16–27.
- Koreshkov, N. A.** — Nilpotency of n -Tuple Lie Algebras and Associative n -Tuple Algebras. — N. A. Koreshkov; (2), 28–32.
- Finite-Dimensional Homogeneously Simple Algebras of Associative Type. — N. A. Koreshkov; (9), 30–35.
- Kudaibergenov, S. S.**, see Temirgaliev, N.
- Kudin, V. A.**, see Stefanyuk, E. V.
- Kulikov, A. Yu.** — Stability of a Linear Nonautonomous Difference Equation with Bounded Delays. — A. Yu. Kulikov; (11), 18–26.
- Kumykova, S. K.**, see Repin, O. A.
- Kurdyumov, V. P.** — The Riesz Bases Consisting of Eigen and Associated Functions for a Functional Differential Operator with Variable Structure. — V. P. Kurdyumov and A. P. Khromov; (2), 33–45.
- Kuz'min, K. G.**, see Emelichev, V. A.
- Kuznetsova, A. Yu.**, see Grigoryan, S. A.
- Leont'ev, A. V.** — Lower Bounds for Algebraic Algorithms for Nilpotent and Solvable Lie Algebras. — A. V. Leont'ev; (3), 12–18.
- Lukashchuk, V. O.**, see Gazizov, R. K.

- Makhmudov, N. M.** — An Optimal Control Problem for the Schrödinger Equation with a Real-Valued Factor. — N. M. Makhmudov; (11), 27–35.
- Maksimov, V. P.** — The Constructive Investigation of Boundary-Value Problems With Approximate Satisfaction of Boundary Conditions. — V. P. Maksimov and A. L. Chadov; (10), 71–74.
- Mamadaliyev, N. A.** — Pursuit Problems in Linear Differential Games With Delay. — N. A. Mamadaliyev; (6), 13–18.
- Martynyuk, O. V.**, see Gorodetskii, V. V.
- Martynyuk, O. V.**, see Gorodetskii, V. V.
- Martyugin, P. V.** — A Lower Bound for the Length of the Shortest Carefully Synchronizing Words. — P. V. Martyugin; (1), 46–54.
- Maslovskaya, L. V.** — The Nitsche Mortar Method for Matching Grids in a Mixed Finite Element Method. — L. V. Maslovskaya and O. M. Maslovskaya; (4), 15–30.
- Maslovskaya, O. M.**, see Maslovskaya, L. V.
- Mavleev, I. R.**, see Timergaliev, S. N.
- Melen'chuk, N. V.**, see Zykina, A. V.
- Mikeš, J.**, see Evtushik, L. E.
- Mikhailichenko, G. G.** — Functional Equations in Geometry of Two Sets. — G. G. Mikhailichenko; (7), 56–63.
- Mikheeva, A. I.** — Stability of the Coincidence Set of a Solution to a Parabolic Variational Inequality with an Obstacle. — A. I. Mikheeva and R. Z. Dautov; (3), 77–79.
- Mironov, A. N.** — The Riemann Function for One Equation in an n -Dimensional Space. — A. N. Mironov; (3), 19–23.
- Mokeychev, V. S.** — Explicit Form of Characteristic Numbers of a Periodic Problem. — V. S. Mokeychev; (10), 38–43.
- Muminov, M. E.** — Spectral Properties of a Hamiltonian of a Four-Particle System on a Lattice. — M. E. Muminov and U. R. Shodiev; (12), 27–37.
- Namm, R. V.** — Solution of a Semicoercive Signorini Problem by a Method of Iterative Proximal Regularization of a Modified Lagrange Functional. — R. V. Namm and A. S. Tkachenko; (4), 31–39.
- Novikov, S. I.**, see Grebenshchikov, B. G.
- Nowotka, D.**, see Diekert, V.
- Orlov, V. P.** — Strong Solutions of Certain Thermoviscoelastic System. — V. P. Orlov; (8), 41–47.
- Oshmarina, E. M.**, see Zhitnikov, V. P.
- Osilenker, B. P.** — Some Extremal Problems for Algebraic Polynomials in Loaded Spaces. — B. P. Osilenker; (2), 46–56.
- Parfenenkov, A. V.** — Estimation of an Algebraic Polynomial in a Plane in Terms of its Real Part on the Unit Circle. — A. V. Parfenenkov; (3), 80–83.
- Petrov, I. V.** — The Mirror Image of the Language of 2-Synchronizing Words. — I. V. Petrov; (1), 55–58.
- Povarov, G. A.** — Finite Transducers and Nondeterministic State Complexity of Regular Languages. — G. A. Povarov; (6), 19–25.
- Pritykin, Yu. L.** — Almost Periodicity, Finite Automata Mappings, and Related Effectiveness Issues. — Yu. L. Pritykin; (1), 59–69.
- Rahonis, G.**, see Droste, M.
- Repin, O. A.** — A Nonlocal Problem for the Bitsadze–Lykov Equation. — O. A. Repin and S. K. Kумыkova; (3), 24–30.
- Romanova, E. Yu.** — Asymptotic Analogs of the Floquet–Lyapunov Theorem for Some Classes of Periodic Systems of Ordinary Differential Equations. — E. Yu. Romanova; (4), 40–47.
- Romanovskii, R. K.** — The Exponential Dichotomy of Solutions to Systems of Linear Difference Equations With Almost Periodic Coefficients. — R. K. Romanovskii and L. V. Bel'gart; (10), 44–51.
- Rozinova, N. S.** — Optimality Conditions in the Problem of Maximization of the Difference of Two Convex Functions. — N. S. Rozinova; (10), 75–78.
- Ruziev, M. Kh.** — A Nonlocal Problem for a Mixed-Type Equation with a Singular Coefficient in an Unbounded Domain. — M. Kh. Ruziev; (11), 36–43.
- Sabatulina, T. L.** — Positiveness Conditions for the Cauchy Function for Differential Equations with Distributed Delay. — T. L. Sabatulina; (11), 44–55.
- Sabitov, K. B.** — The Inverse Problem for a Mixed-Type Parabolic–Hyperbolic Equation in a Rectangular Domain. — K. B. Sabitov and E. M. Safin; (4), 48–54.
- Safin, E. M.**, see Sabitov, K. B.
- Salakhudinov, R. G.** — Isoperimetric Monotony of the L^p -Norm of the Warping Function of a Plane Simply Connected Domain. — R. G. Salakhudinov; (8), 48–56.
- Salimov, R. B.** — The Hilbert Boundary-Value Problem With a Finite Index and a Countable Set of Jump Discontinuities in Coefficients. — R. B. Salimov and P. L. Shabalin; (3), 31–41.
- Sattorov, E. N.** — The Cauchy Problem for a Generalized Spatial Cauchy–Riemann System. — E. N. Sattorov; (5), 27–34.
- Sergeev, D. E.**, see Klokov, V. V.
- Serovaikii, S. Ya.** — Differentiation of Operators and Optimality Conditions in Category Interpretation. — S. Ya. Serovaikii; (2), 57–65.
- The Necessary Optimality Conditions for a Nonlinear Stationary System Whose State Functional is Not Differentiable With Respect to the Control. — S. Ya. Serovaikii; (6), 26–38.
- Shabalin, P. L.**, see Salimov, R. B.
- Shabir, Muhammad**, see Khan, Asghar
- Shabir, Muhammad**, see Khan, Asghar
- Shakirov, I. A.** — The Lagrange Trigonometric Interpolation Polynomial With the Minimal Norm

- Considered as an Operator From $C_{2\pi}$ to $C_{2\pi}$. — I. A. Shakirov; (10), 52–59.
- Shapar', Yu. V.**, see Chentsov, A. G.
- Sharafutdinova, G. G.** — An Operator Method for Studying the Euler Problem on Types of the Loss of Stability for a Pivoted Rod under Buckling Load. — G. G. Sharafutdinova; (11), 77–82.
- Shcheglova, A. A.** — The Solvability of the Initial Problem for a Degenerate Linear Hybrid System With Variable Coefficients. — A. A. Shcheglova; (9), 49–61.
- Sherman, E. D.** — Empirical Estimates With Minimal d -Risk for Discrete Exponential Families. — E. D. Sherman; (8), 74–81.
- Shodiev, U. R.**, see Muminov, M. E.
- Shomanova, A. A.**, see Temirgaliev, N.
- Shumafov, M. M.** — Stabilization of the Second-Order Linear Time-Invariant Control Systems by a Delayed Feedback. — M. M. Shumafov; (12), 76–78.
- Sosov, E. N.** — Sufficient Conditions for Existence and Uniqueness of a Chebyshev Center of a Nonempty Bounded Set in a Geodesic Space. — E. N. Sosov; (6), 39–42.
- Stefanyuk, E. V.** — Approximate Analytic Solution of Heat Conduction Problems with a Mismatch Between Initial and Boundary Conditions. — E. V. Stefanyuk and V. A. Kudinov; (4), 55–61.
- Stepanov, S. E.** — Infinitesimal Harmonic Transformations and Ricci Solitons on Complete Riemannian Manifolds. — S. E. Stepanov and I. I. Tsyganok; (3), 84–87.
- Stolyarov, A. V.** — Dual Riemannian Spaces of Constant Curvature on a Normalized Hypersurface. — A. V. Stolyarov; (11), 56–65.
- Telyakovskii, S. A.** — The Nature of Convergence of the Fourier Series for Functions of Bounded Variation. — S. A. Telyakovskii; (3), 42–44.
- Temirgaliev, N.** — Applications of Smolyak Quadrature Formulas to the Numerical Integration of Fourier Coefficients and in Function Recovery Problems. — N. Temirgaliev, S. S. Kudaibergenov, and A. A. Shomanova; (3), 45–62.
- Terekhin, M. T.** — Nonzero Solutions to a Two-Point Boundary-Value Periodic Problem for Differential Equations with Maxima. — M. T. Terekhin and V. V. Kiryushkin; (6), 43–53.
- Terekhova, L. P.**, see Chuprunov, A. N.
- Teshaev, M. Kh.** — Realization of Servo-Constraints by Electromechanical Servosystems. — M. Kh. Teshaev; (12), 38–44.
- Tikhonov, O. E.**, see Dinh Trung Hoa,
- Timergaliev, S. N.** — Solvability of the Boundary-Value Problem for a Partial Quasilinear Differential Equation of the Fourth Order. — S. N. Timergaliev and I. R. Mavleev; (12), 45–50.
- Tkachenko, A. S.**, see Namm, R. V.
- Tret'yachenko, Yu. V.** — A Generalization of the Helly Theorem for Functions with Values in a Uniform Space. — Yu. V. Tret'yachenko; (5), 35–46.
- Tronin, S. N.** — Algebras Over Operad of Spheres. — S. N. Tronin; (3), 63–71.
- Trynin, A. Yu.** — The Divergence of Lagrange Interpolation Processes in Eigenfunctions of the Sturm–Liouville Problem. — A. Yu. Trynin; (11), 66–76.
- Tsalyuk, M. B.**, see Tsalyuk, Z. B.
- Tsalyuk, V. Z.** — Stability of Linear Functional Differential Systems With a Multivalued Feedback With Respect to Impulse Disturbances. — V. Z. Tsalyuk; (9), 36–48.
- Tsalyuk, Z. B.** — The Resolvent Structure of a Volterra Equation with Nonsummable Difference Kernel. — Z. B. Tsalyuk and M. B. Tsalyuk; (4), 62–71.
- Tsyganok, I. I.**, see Stepanov, S. E.
- Tumakov, D. N.** — An Over-Determined Boundary Problem for the Helmholtz Equation in a Semiinfinite Domain with a Curvilinear Boundary. — D. N. Tumakov; (2), 66–73.
- Turtin, D. V.** — The Maximal Nonuniqueness Classes of Solutions to the Cauchy Problem for Linear Equations. — D. V. Turtin; (9), 77–79.
- Uadilova, A. D.** — Generating Functions for Ternary Algebras and Ternary Trees. — A. D. Uadilova; (8), 57–66.
- Urazaeva, A. V.** — A Mapping of a Point Spectrum and the Uniqueness of a Solution to the Inverse Problem for a Sobolev-Type Equation. — A. V. Urazaeva; (5), 47–55.
- Vasin, A. V.**, see Alyokhina, M. A.
- Vinogradova, P. V.** — Error Estimates for Projection-Difference Methods for Differential Equations With Differentiable Operators. — P. V. Vinogradova; (7), 1–11.
- Yakovlev, E. I.**, see Ershov, Yu. V.
- Yakovlev, E. I.**, see Zinchenko, V. Yu.
- Yamaleev, M. M.** — Strong Noncuppability in Low Computably Enumerable Degrees. — M. M. Yamaleev; (4), 72–81.
- Yumagulov, M. G.** — Bifurcations of Periodic Solutions Near Triangular Libration Points in the Three-Body Problem. — M. G. Yumagulov and O. N. Belikova; (6), 69–74.
- Zakirov, B. S.** — Noncommutative Integration for Traces With Values in Kantorovich–Pinsker Spaces. — B. S. Zakirov and V. I. Chilin; (10), 15–26.
- Zhitnikov, V. P.** — The Use of Discontinuous Functions for Modeling the Dissolution Process of Steady-State Electrochemical Shaping. — V. P. Zhitnikov, E. M. Oshmarina, and G. I. Fyodorova; (10), 67–70.
- Zhukovskii, E. S.**, see Burlakov, E. O.

Zinchenko, V. Yu. — Smooth Almost Δ -Bundles over Polyhedrons. — V. Yu. Zinchenko and E. I. Yakovlev; (11), 1–17.
Zorkal'tsev, V. I., see Epifanov, S. P.
Zvereva, T. V. — Intrinsic Geometry of Nets on a

Multidimensional Surface in a Conformal Space. — T. V. Zvereva; (5), 71–74.
Zykina, A. V. — A Two-Step Extragradient Method for Variational Inequalities. — A. V. Zykina and N. V. Melen'chuk; (9), 71–73.