

Author Index to Volume 57, 2013

Abashkin A.A. On a weighted boundary value problem in an infinite half-strip for a biaxisymmetric Helmholtz equation	№ 6
Abdullaev A.R. and Skachkova E.A. A periodic boundary value problem for a fourth-order differential equation	№ 12
Afnas'eva N.M., Vabishchevich P.N., and Vasil'eva M.V. Unconditionally stable schemes for convection–diffusion problems	№ 3
Antipova M.V. and Shelekhov A.M. Eight-dimensional Bol webs with an almost zero curvature tensor	№ 2
Antonov V.A. and Nozhkina T.G. Groups with relatively small normalizers of biprimary subgroups	№ 8
Arestov V.V. and Filatova M.A. Approximation of differentiation operator in the space L_2 on semiaxis	№ 5
Atvinovskii A.A. and Mirotin A.R. On some functional calculus of closed operators in a Banach space	№ 10
Bibikov P.V. Classification of rational functions in symplectic and metric spaces	№ 4
Bolodurin V.S. Properties of point correspondences between three multidimensional surfaces of projective spaces	№ 9
Bruk V.M. Invertible linear relations generated by an integral equation with a Nevanlinna measure	№ 2
Bukusheva A.V. and Galaev S.V. Connections over a distribution and geodesic sprays	№ 4
Chentsov A.G. Attraction sets in abstract attainability problems: equivalent representations and basic properties	№ 11
Chernov A.V. Uniformly continuous dependence of a solution to a controlled functional operator equation on a shift of control	№ 5
Chorieva S.T. The Bitsadze–Samarskii problem with the Frankl condition on the degeneration line for a mixed-type equation with singular coefficient	№ 5
Chudinov K.M. and Malygina V.V. Stability of solutions to differential equations with several variable delays. I	№ 6
Chudinov K.M. and Malygina V.V. Stability of solutions to differential equations with several variable delays. II	№ 7
Chudinov K.M. and Malygina V.V. Stability of solutions to differential equations with several variable delays. III	№ 8
Dil'man V.L. and Karpeta T.V. The stress state of a plastic layer with a variable yield strength under a flat deformation	№ 8
Dodunova L.K. and Tyutyulina O.V. Approximation of functions by universal sums of series with respect to subsystems of Hermite polynomials	№ 9
Elisova A.P. Local automorphisms of nilpotent algebras of matrices of small orders	№ 2
Evchenko V.K. and Loboda A.V. Various representations of matrix Lie algebras related to homogeneous surfaces	№ 4
Fadeev A.V. Solution of a problem of \mathbb{R} -linear conjugation for confocal elliptical annulus in the class of piecewise-meromorphic functions	№ 6
Filatova M.A. and Arestov V.V. Approximation of differentiation operator in the space L_2 on semiaxis	№ 5
Frolova D.S. Timokhovich V.L. Topologies of uniform convergence. The property in the sense of Arens–Dugundji and the sequential property	№ 9

Galaev S.V. and Bukusheva A.V. Connections over a distribution and geodesic sprays	№ 4
Gogoladze L.D. and Tsagareishvili V.Sh. On the Fourier coefficients of functions of bounded variation	№ 8
Gorbatsevich V.V. Classification of complex simply connected homogeneous spaces of dimensions not greater than 2	№ 3
Grebenshchikov B.G. The asymptotic stability of a nonstationary system with delay	№ 8
Grigoryan G.A. Boundedness and stability criteria for linear ordinary differential equations of the second order	№ 12
Grigoryan M.G. and Sargsyan S.A. Nonlinear approximation of functions from the class L^r with respect to the Vilenkin system	№ 2
Ibragimov M.M. and Kudaibergenov K.K. Geometric description of L_1 -spaces	№ 9
Igudesman K.B. Attractor decomposition for closed binary relations on compact Hausdorff spaces	№ 4
Il'in S.N. Semirings satisfying the Baer criterion	№ 3
Ivan'shin P.N. Quasisolutions of the inverse boundary value problem of aerohydrodynamics	№ 5
Karpeta T.V. and Dil'man V.L. The stress state of a plastic layer with a variable yield strength under a flat deformation	№ 8
Khudzaev Zh. and Mirsaburov M. A problem with Tricomi and Frankl conditions on the characteristic for a class of mixed-type equations	№ 1
Kiyasov S.N. Some classes of linear conjugation problems for a two-dimensional vector resolvable in a closed form	№ 1
Klimov V.S. A relative variant of the Morse theory	№ 1
Kokurin M.M. The uniqueness of a solution to the inverse Cauchy problem for a fractional differential equation in a Banach space	№ 12
Kokurin M.Yu. Reduction of variational inequalities with irregular operators on a ball to regular operator equations	№ 4
Komarov M.A. An example of nonuniqueness of a simple partial fraction of the best uniform approximation	№ 9
Koreshkov N.A. Lie sheaves of small dimensions	№ 11
Kotelina N.O. and Pevnyi A.B. Weighted spherical semidesigns and cubature formulae for calculating integrals on a sphere	№ 2
Kudaibergenov K.K. and Ibragimov M.M. Geometric description of L_1 -spaces	№ 9
Kulaev R.Ch. The Green function of the boundary value problem on a star-shaped graph	№ 2
Kumykova S.K. and Repin O.A. A nonlocal problem for a mixed-type equation whose order degenerates along the line of change of type	№ 8
Kuz'mina A.S., Zhuravlev E.V., and Mal'tsev Yu.N. Description of ring varieties whose finite rings are uniquely determined by their zero-divisor graphs	№ 6
Kytmanov A.M. and Myshkina E.K. Evaluation of power sums of roots for systems of non-algebraic equations in \mathbb{C}^n	№ 12
Loboda A.V. and Evchenko V.K. Various representations of matrix Lie algebras related to homogeneous surfaces	№ 4
Makhrova E.N. The existence of a linear horseshoe of continuous maps of dendrites	№ 3
Mal'tsev Yu.N., Zhuravlev E.V., and Kuz'mina A.S. Description of ring varieties whose finite rings are uniquely determined by their zero-divisor graphs	№ 6
Malygina V.V. and Chudinov K.M. Stability of solutions to differential equations with several variable delays. I	№ 6

Malygina V.V. and Chudinov K.M. Stability of solutions to differential equations with several variable delays. II	№ 7
Malygina V.V. and Chudinov K.M. Stability of solutions to differential equations with several variable delays. III	№ 8
Melisheva E.P. and Sabitov K.B. The Dirichlet problem for a loaded mixed-type equation in a rectangular domain	№ 7
Minčić S.M. and Zlatanović M.L. Geometrical interpretations of a torsion tensor, curvature tensors, and curvature pseudotensors in the generalized Finsler space	№ 1
Minčić S.M. and Zlatanović M.L. Geometrical interpretations of a torsion tensor, curvature tensors, and curvature pseudotensors in the generalized Finsler space	№ 1
Mirotin A.R. and Atvinovskii A.A. On some functional calculus of closed operators in a Banach space	№ 10
Mirsaburov M. and Khudzhaev Zh. A problem with Tricomi and Frankl conditions on the characteristic for a class of mixed-type equations	№ 1
Mirsaburova Gulbakhor M. A mixed problem with Tricomi and Frankl conditions for the Gellerstedt equation with a singular coefficient	№ 7
Mozhei N.P. Affine connections on three-dimensional pseudo-Riemannian homogeneous spaces. I	№ 12
Mulyukov M.V. On factorization of the characteristic quasipolynomial of a system of linear differential equations with delay	№ 9
Myshkina E.K. and Kytmanov A.M. Evaluation of power sums of roots for systems of non-algebraic equations in \mathbb{C}^n	№ 12
Nguyen Buong and Nguyen Thi Hong Phuong Regularization methods for nonlinear ill-posed equations involving m -accretive mappings in Banach spaces	№ 2
Nguyen Thi Hong Phuong and Nguyen Buong Regularization methods for nonlinear ill-posed equations involving m -accretive mappings in Banach spaces	№ 2
Nozhkina T.G. and Antonov V.A. Groups with relatively small normalizers of biprimary subgroups	№ 8
Parvaneh V. and Razani A. Some fixed point theorems for weakly T -Chatterjea and weakly T -Kannan-contractive mappings in complete metric spaces	№ 3
Pevnyi A.B. Kotelina N.O. Weighted spherical semidesigns and cubature formulae for calculating integrals on a sphere	№ 2
Plaksina I.M. On positiveness of the Cauchy function of a singular linear functional differential equation	№ 10
Ratyni A.K. To the theory of boundary problems for elliptic equations with superposition operators in the boundary condition. I	№ 1
Razani A. and Parvaneh V. Some fixed point theorems for weakly T -Chatterjea and weakly T -Kannan-contractive mappings in complete metric spaces	№ 3
Repin O.A. and Kумыkova S.K. A nonlocal problem for a mixed-type equation whose order degenerates along the line of change of type	№ 8
Rodina L.I. Estimation of statistical characteristics of attainability sets of controllable systems	№ 11
Ryabenkov N.G. Polyharmonic functions in structures of exact solutions in the elasticity theory	№ 7
Ryazantseva I.P. Iterative processes of the second order monotone inclusions in a Hilbert space	№ 7
Rybnikov A.K. An affine interpretation of Bäcklund maps	№ 7

Sabitov K.B. and Melisheva E.P. The Dirichlet problem for a loaded mixed-type equation in a rectangular domain	№ 7
Salakhudinov R.G. Isoperimetric properties of Euclidean boundary moments of a simply connected domain	№ 8
Salimov R.B. Behavior of a singular integral with the Hilbert kernel near a point of weak continuity of its density	№ 6
Sargsyan S.A. and Grigoryan M.G. Nonlinear approximation of functions from the class L^r with respect to the Vilenkin system	№ 2
Shakirov I.A. Lebesgue functions corresponding to a family of Lagrange interpolation polynomials	№ 7
Sharifov Ya.A. Optimal control of impulsive systems with nonlocal boundary conditions	№ 2
Shchennikov A.V. and Shchennikov V.N. Connectivity estimations of errors of linearization of essentially nonlinear systems	№ 11
Shchennikov V.N. and Shchennikov A.V. Connectivity estimations of errors of linearization of essentially nonlinear systems	№ 11
Shelekhov A.M. and Antipova M.V. Eight-dimensional Bol webs with an almost zero curvature tensor	№ 2
Shelekhov A.M. and Tolstikhina G.A. The left Bol three-webs with the <i>IC</i> -property	№ 5
Sidorov D.N. Solvability of systems of integral Volterra equations of the first kind with piecewise continuous kernels	№ 1
Simonov B.V. Sine and cosine series in L_φ classes	№ 10
Skachkova E.A. and Abdullaev A.R. A periodic boundary value problem for a fourth-order differential equation	№ 12
Sozontova E.A. Characteristic problems with normal derivatives for hyperbolic systems.	№ 10
Tarasenko A.V. Solvability of a nonlocal problem for a loaded parabolic-hyperbolic equation	№ 1
Timokhovich V.L. and Frolova D.S. Topologies of uniform convergence. The property in the sense of Arens–Dugundji and the sequential property	№ 9
Tolstikhina G.A. and Shelekhov A.M. The left Bol three-webs with the <i>IC</i> -property	№ 5
Tronin S.N. and Tuktamyshov R.N. Operads of hypergraphs	№ 4
Tsagareishvili V.Sh. and Gogoladze L.D. On the Fourier coefficients of functions of bounded variation	№ 8
Tuktamyshov R.N. and Tronin S.N. Operads of hypergraphs	№ 4
Tyutyulina O.V. and Dodunova L.K. Approximation of functions by universal sums of series with respect to subsystems of Hermite polynomials	№ 9
Vabishchevich P.N., Vasil’eva M.V., and Afanas’eva N.M., Unconditionally stable schemes for convection–diffusion problems	№ 3
Vasil’eva M.V., Afanas’eva N.M., and Vabishchevich P.N. Unconditionally stable schemes for convection–diffusion problems	№ 3
Yakovlev E.I. Two-point boundary value problem for gyroscopic systems in some Lorentzian manifolds	№ 6
Zhuravlev E.V., Kuz’mina A.S., and Mal’tsev Yu.N. Description of ring varieties whose finite rings are uniquely determined by their zero-divisor graphs	№ 6
Zlatanović M.L. and Minčić S.M. Geometrical interpretations of a torsion tensor, curvature tensors, and curvature pseudotensors in the generalized Finsler space	№ 1

Brief communications

Abikenova Sh.K., Temirgaliev N., Zhubanysheva A.Zh., and Taugynbaeva G.E. Discretization of solutions to a wave equation, numerical differentiation, and function reconstruction for a computer (computing) diameter. № 8

Ablaev F.M. and Khadiev K.R. Clarification of the hierarchy of classes of boolean functions representable as a k-OBDD branching program models № 3

Abubakirov N.R. and Aksept'ev L.A. Explicit forms of the Schwarz integral and their application in inverse boundary-value problems № 10

Aksept'ev L.A. and Abubakirov N.R. Explicit forms of the Schwarz integral and their application in inverse boundary-value problems № 10

Amosov G.G. and Dnestryan A.I. Reconstruction of a pure state from incomplete information on its optical tomogram. № 3

Aukhadiev M.A., Grigoryan S.A., and Lipacheva E.V. On compact quantum semigroup QS_{red} № 10

Avkhadiev F.G. Families of domains with best possible Hardy constant. № 9

Avsyankin O.G. and Peretyat'kin F.G. On boundedness and compactness of multidimensional integral operators with homogeneous kernels. № 11

Bel'mesova S.S. and Efremova L.S. A one-parameter family of quadratic maps of a plane including Morse–Smale endomorphisms. № 8

Bibikov P.V. Projective equivalence of smooth functions on a plane № 12

Bikchentaev A.M. The Haagerup problem on subadditive weights on W^* -algebras. II . . № 12

Bravyi E.I. Minimal periods of solutions to higher-order functional differential equations № 12

Dautov R.Z. A sharp error estimate of the best approximation by algebraic polynomials in the weighted space $L_2(-1, 1)$ № 5

Davletbaev M.F. and Igudesman K.B. Fractal approximation of vector functions . . . № 11

Dnestryan A.I. and Amosov G.G. Reconstruction of a pure state from incomplete information on its optical tomogram. № 3

Efremova L.S. and Bel'mesova S.S. A one-parameter family of quadratic maps of a plane including Morse–Smale endomorphisms. № 8

Frolov A.N. A note on Δ_2^0 -spectra of linear orderings and degree spectra of the successor relation № 11

Gein A.G. and Shushpanov M.P. Defining relations of a free modular lattice of rank 3 № 10

Grigoryan S.A., Aukhadiev M.A., and Lipacheva E.V. On compact quantum semigroup QS_{red} № 10

Igudesman K.B. and Davletbaev M.F. Fractal approximation of vector functions . . . № 11

Khadiev K.R. and Ablaev F.M. Clarification of the hierarchy of classes of boolean functions representable as a k-OBDD branching program models № 3

Lipacheva E.V., Aukhadiev M.A., and Grigoryan S.A. On compact quantum semigroup QS_{red} № 10

Maksimov V.P. Control of functional differential system in conditions of impulse disturbances № 9

Orlov V.P. and Zvyagin V.G. Weak solvability of a system of thermoviscoelasticity for Jeffris model № 9

Peretyat'kin F.G. and Avsyankin O.G. On boundedness and compactness of multidimensional integral operators with homogeneous kernels. № 11

Salakhudinov R.G. Isoperimetric inequalities for L^p -norms of the stress function of a multiply connected plane domain.....	№ 9
Salimov R.B. and Shabalin P.L. A homogeneous Hilbert problem with a countable set of discontinuity points of coefficients and a logarithmic singularity of index.....	№ 12
Sarvarova I.M. and Zhegalov V.I. On conditions of solvability of the Goursat problem in quadratures.....	№ 3
Serovaiskii S.Ya. An optimal control problem for a nonlinear elliptic equation with a phase constraint and state variation.....	№ 9
Sevodin M.A. Sets convex in a cone of directions.....	№ 10
Shabalin P.L. and Salimov R.B. A homogeneous Hilbert problem with a countable set of discontinuity points of coefficients and a logarithmic singularity of index.....	№ 12
Shushpanov M.P. and Gein A.G. Defining relations of a free modular lattice of rank 3.....	№ 10
Solodushkin S.I. A difference scheme for the numerical solution of an advection equation with aftereffect.....	№ 10
Taugynbaeva G.E., Temirgaliev N., Abikenova Sh.K., and Zhubanysheva A.Zh. Discretization of solutions to a wave equation, numerical differentiation, and function reconstruction for a computer (computing) diameter.....	№ 8
Temirgaliev N., Abikenova Sh.K., Zhubanysheva A.Zh., and Taugynbaeva G.E. Discretization of solutions to a wave equation, numerical differentiation, and function reconstruction for a computer (computing) diameter.....	№ 8
Tryamkin M.V. Absolute continuity of quasiconformal map of Carnot–Carathéodory spaces.....	№ 5
Yarullin R.S. and Zabolin I.Ya. One approach to constructing cutting algorithms with dropping of cutting planes.....	№ 3
Zabolin I.Ya. and Yarullin R.S. One approach to constructing cutting algorithms with dropping of cutting planes.....	№ 3
Zhegalov V.I. and Sarvarova I.M. On conditions of solvability of the Goursat problem in quadratures.....	№ 3
Zhubanysheva A.Zh., Temirgaliev N., Abikenova Sh.K., and Taugynbaeva G.E. Discretization of solutions to a wave equation, numerical differentiation, and function reconstruction for a computer (computing) diameter.....	№ 8
Zvyagin V.G. and Orlov V.P. Weak solvability of a system of thermoviscoelasticity for Jeffris model.....	№ 9