

CONTENT OF VOLUME 19, 2013

	No.	Pp.
R. Zh. Aleev. Small ranks of central unit groups of integral group rings of alternating groups	3	15–22
Alexander Alekseevich Makhnev. (On the Occasion of His 60th Birthday)	3	5–14
B. I. Anan'ev. Optimization problems for a differential inclusion with random initial data.....	1	5–11
A. S. Antipin, E. V. Khoroshilova. Linear programming and dynamics.....	2	7–25
N. Yu. Antonov. Growth estimates for arbitrary sequences of multiple rectangular Fourier sums.....	2	26–33
V. A. Antonov. On groups with relatively small normalizers of nonabelian subgroups.....	3	23–28
V. V. Arestov, M. V. Deikalova. Nikol'skii inequality for algebraic polynomials on a multidimensional Euclidean sphere	2	34–47
N. N. Astaf'ev. Dual systems of homogeneous linear equations.....	2	48–53
V. M. Badkov. Asymptotic properties of zeros of orthogonal trigonometric polynomials of half-integer orders	2	54–70
N. A. Baraboshkina. Approximation of harmonic functions by algebraic polynomials on a circle of radius smaller than one with constraints on the unit circle.....	2	71–78
V. A. Belonogov. Semiproportional irreducible characters of the groups $Sp_4(q)$ and $PSp_4(q)$ for odd q	1	25–40
V. A. Belonogov. On control of the prime spectrum of the finite simple groups	3	29–44
V. V. Belyaev. Groups with finitary classes of conjugate elements	3	45–61
V. I. Berdyshev. Differentiation of the concealment function in the case of a convex occluding set	2	79–84
V. I. Berdyshev et al. On the 90th birthday of Sergei Nikanorovich Shimanov	1	5–11
A. G. Chentsov. On the question of representation of ultrafilters in a product of measurable spaces.....	2	307–319
A. V. Chernov. On ε -equilibrium in noncooperative functional operator n -person games	1	316–328
A. R. Danilin, N. S. Korobitsyna. Asymptotic estimates for a solution of a singular perturbation optimal control problem on a closed interval under geometric constraints.....	3	104–112
Yu. F. Dolgii, E. V. Koshkin. Optimal stabilization of linear periodic finite-dimensional systems of differential equations with aftereffect.....	1	87–98

G. A. Dubosarskii. Harmonic wavelets in a multiply connected domain with circular boundaries	1	99–114
G. A. Dubosarskii. Harmonic wavelets in a multiply connected domain with circular boundaries and their applications to problems of mathematical physics	2	109–124
N. A. Dzhusoeva. Net rings normalized by a nonsplit maximal torus	3	113–119
V. A. Emelichev, K. G. Kuz'min. Stability conditions for a multicriteria Boolean problem of minimizing projections of linear functions	2	125–133
K. V. Emel'yanov. On a first-order accurate difference scheme for a singularly perturbed problem with a turning point	3	120–135
I. I. Eremin, E. Kh. Gimadi, A. V. Kel'manov, A. V. Pyatkin, M. Yu. Khachai. 2-approximation algorithm for finding a clique with minimum weight of vertices and edges	2	134–143
V.I. Erokhin, A.S. Krasnikov, M.N. Hvostov. On sufficient conditions for the solvability of linear programming for matrix correction of the system of constraints	2	144–156
R. T. Faizullin, V. I. Dul'keit, Yu. Yu. Ogorodnikov. Hybrid method for the approximate solution of the 3-satisfiability problem associated with the factorization problem	2	285–294
I. A. Finogenko, D. V. Ponomariov. On differential inclusions with positional discontinuous and pulse controls	1	284–299
A. L. Gavriilyuk, S. V. Goryainov, V. V. Kabanov. On the vertex connectivity of Deza graphs	3	94–103
A. I. Golikov, Yu. G. Evtushenko. Generalized Newton method for linear optimization problems with inequality constraints	2	98–108
M. I. Gomoyunov, D. V. Kornev. On calculating the value of a differential game in the class of counterstrategies	1	59–68
G. A. Grigoryan. Some properties of solutions of second-order linear ordinary differential equations	1	69–80
M. I. Gusev. On the penalty function method in the problem of constructing reachable sets for control systems with state constraints	1	81–86
E. E. Ivanko. Truncated dynamic programming method in a closed traveling salesman problem with symmetric value function	1	121–129
Kabanov V.V., Kondrat'ev A.S. International Conference on Algebra and Combinatorics Dedicated to the 60th Birthday of A.A. Makhnev	3	323–327
L. A. Kalyakin. Stability of nondissipative systems under random perturbations that are small in the mean	2	170–178
L. S. Kazarin. On Ditsman's lemma	3	150–157
S. F. Kamornikov, O. L. Shemetkova On subgroups that cover only \mathfrak{F} -central chief factors in finite groups	3	158–163
O. Yu. Khachai. On the matching of power–logarithmic asymptotic expansions of a solution to a singular Cauchy problem for a system of ordinary differential equations	1	300–315

Kh. A. Khachatryan. On the solvability of an initial–boundary value problem for a nonlinear integro-differential equation with a noncompact operator of Hammerstein type	3	308–315
L. A. Shemetkov. On the \mathfrak{F} -residual of the direct product of finite groups . . .	3	316–320
O. V. Khamisov. Nonconvex optimization with nonlinear support functions ..	2	295–306
A. I. Kibzun, V. R. Sobol’. Modernization of the stop-loss start-gain strategy for hedging an option position.....	2	179–192
A. F. Kleimenov. A two-person non-antagonistic positional differential game with integral and vector payoffs of the players	1	130–135
Mikhail H. Klin and Sven Reichard. Construction of small strongly regular designs.....	3	164–178
A. A. Kolokolov, T. G. Orlovskaya. Investigation of integer programming problems by means of unimodular transformations and regular partitions.....	2	193–202
A. S. Kondrat’ev. Finite groups that have the same prime graph as the group A_{10}	1	136–143
A. S. Kondrat’ev, A. A. Osinovskaya, I. D. Suprunenko. On the behavior of elements of prime order from a Zinger cycle in representations of a special linear group.....	3	179–186
A. V. Konygin. On Cameron’s question about primitive permutation groups with stabilizer of two points that is normal in the stabilizer of one of them	3	187–198
Ivan Ivanovich Eremin (On the Occasion of His 80th Birthday)	2	5–6
F. A. Kornilov. Investigation of an algorithm for finding structural difference of images	1	144–159
A. I. Korotkii, D. O. Mikhailova. Reconstruction of distributed controls in parabolic systems by a dynamic method.....	1	160–169
D. R. Kuvshinov. Numerical construction of Nash solutions in a two-player linear positional differential game in which the phase space has more than two dimensions.....	1	170–181
A. O. Leont’eva. Bernstein inequality in L_0 for the zeroth-order derivative of trigonometric polynomials.....	2	216–223
T. O. Logvinova. Generalization of two-dimensional radial wavelets.....	2	224–230
N. Yu. Lukoyanov, A. R. Plaksin. Finite-dimensional modeling guides in time-delay systems.....	1	182–195
A. A. Makhnev, D. V. Paduchikh, L. Yu. Tsiovkina. Arc-transitive distance-regular coverings of cliques with $\lambda = \mu$	2	237–246
V. I. Maksimov. On the application of finite-dimensional controlled models in the problem of input reconstruction in a linear delay system.....	1	196–204
A. G. Malev. On the question of estimation of the stability defect in an approach game problem.....	1	205–216
N. L. Manokhina, R. A. Shafiev. Solution of a 2-constrained pseudo-inversion problem by a relaxation method.....	1	217–225
N. V. Maslova, D. O. Revin. Generation of a finite group with Hall maximal subgroups by a pair of conjugate elements.....	3	199–206

A. A. Makhnev, D. V. Paduchikh. On strongly regular graphs with eigenvalue μ and their extensions.....	3	207–214
Vi. D. Mazurov, M. Yu. Khachai. Boosting and the polynomial approximability of the problem on a minimum affine separating committee	2	231–236
Ya. T. Megraliev. On an inverse boundary value problem for a second-order elliptic equation with integral condition of the first kind.....	1	226–235
V. S. Monakhov, D. V. Gritsuk. On the derived π -length of a finite π -solvable group with a given π -Hall subgroup.....	3	215–223
E. M. Mukhamadiev, A. N. Naimov, N. G. Bashirov. On the solvability of the multipoint boundary value problem of calculating the loads in a continuous casting machine.....	1	236–243
A. L. Myl'nikov. Twisted subset graphs of diameter 2.....	3	224–229
E.A. Neganova. Letter in a release	3	321–322
S. I. Novikov. On an interpolation problem with a minimum value of the Laplace operator	3	230–243
Ya. N. Nuzhin. Groups lying between Steinberg groups over non-perfect fields of characteristics 2 and 3.....	3	244–250
A. V. Osipov, E. G. Pytkeev. On the σ -countable compactness of spaces of continuous functions with the set-open topology.....	3	251–260
E. M. Pal'chik. On finite factorizable groups	3	261–267
L. D. Popov. On the adaptation of the least squares method to improper problems of mathematical programming.....	2	247–255
A. I. Rozhenko. On a new family of conditionally positive definite radial basis functions.....	2	256–266
M. V. Sel'kin, R. V. Borodich. On maximal abnormal subgroups of finite groups.....	3	268–273
O. A. Sultanov. Stability of autoresonance models under perturbations that are bounded in the mean.....	3	274–283
N. M. Suchkov, Yu. S. Tarasov. On uniform permutations with finite dispersion parameters.....	3	284–289
V. D. Skarin. On the optimal correction of contradictory problems of convex programming	2	267–274
V. V. Struzhanov, N. V. Burmasheva. Newton–Kantorovich method in the problem of finding nonunique solutions of equilibrium equations for discrete gradient mechanical systems	1	244–252
E. V. Tabarintseva. On an estimate for the modulus of continuity of a nonlinear inverse problem.....	1	253–257
V. P. Tanana, A. B. Bredikhina. On the optimality of a generalization of M.M. Lavrent'ev's method in the solution of equations with an error in the operator	1	258–263
V. I. Trofimov. The finiteness of the number of symmetrical 2-extensions of the d -dimensional lattice and similar graphs.....	3	290–303
A. A. Trofimuk. Finite groups with bicyclic Sylow subgroups in Fitting factors	3	304–307

V. N. Ushakov, A. R. Matviichuk, A. V. Ushakov, G. V. Parshikov. The invariance of sets in the construction of solutions to a problem of approach at a fixed time.....	1	264–283
V. N. Ushakov, A. R. Matviychuk, G. V. Parshikov. A method for constructing a resolving control in an approach problem based on attraction to the solvability set.....	2	275–284
V. V. Vasin. Modified Newton-type processes generating Fejér approximations of regularized solutions to nonlinear equations.....	2	85–97
E. P. Vdovin. On intersection of solvable Hall subgroups in finite simple exceptional groups of Lie type.....	3	62–70
E. M. Vechtomov, E. N. Lubyagina. Closed ideals and closed congruences of semirings of $[0, 1]$ -valued functions with topology of pointwise convergence.....	3	83–93
M. N. Vinogradova, N. N. Petrov, N. A. Solov'eva. Capture of two cooperative evaders in linear recurrent differential games.....	1	41–48
V. A. Vedernikov. Finite groups in which every nonsolvable maximal subgroup is a Hall subgroup.....	3	71–82
V. I. Vorotnikov, Yu. G. Martyshenko. On problems of partial stability for delay systems.....	1	49–58
V. G. Zhadan, A. A. Orlov. Primal–dual Newton method for a linear problem of semidefinite programming.....	2	157–169
A. Kh. Zhurtov, D. V. Lytkina, V. D. Mazurov, A. I. Sozutov. On periodic groups acting freely on abelian groups.....	3	136–143
V. I. Zenkov. On intersections of nilpotent subgroups in finite symmetric and alternating groups.....	3	144–149
A. P. Zorin. Asymptotic expansion of a solution to the problem of optimal control of a bounded flow at a boundary.....	1	115–120