Vladimir Ejov

List of Publications by Year in Descending Order

40 papers	280 citations	11 h-index	14 g-index
56 ext. papers	317 ext. citations	1.3 avg, IF	3.36 L-index

#	Paper	IF	Citations
40	POINTWISE RESIDUAL METHOD FOR SOLVING PRIMAL AND DUAL ILL-POSED LINEAR PROGRAMMING PROBLEMS WITH APPROXIMATE DATA. *ANZIAM Journal*, **2020**, 62, 302-317	0.5	
39	A transformation technique for the clustered generalized traveling salesman problem with applications to logistics. *European Journal of Operational Research*, **2020**, 285, 444-457	5.6	43
38	Evolutionary games under incompetence. *Journal of Mathematical Biology*, **2018**, 77, 627-646	2	9
37	A note on using the resistance-distance matrix to solve Hamiltonian cycle problem. *Annals of Operations Research*, **2018**, 261, 393-399	3.2	2
36	Inherited Properties of Descendants. *SpringerBriefs in Operations Research*, **2016**, 27-59	0.3	
35	Genetic Theory for Cubic Graphs. *SpringerBriefs in Operations Research*, **2016**, 1-26	0.3	
34	The zero curvature equation for rigid CR-manifolds. *Complex Variables and Elliptic Equations*, **2016**, 61, 443-447	0.5	1
33	Genetic Theory for Cubic Graphs. *SpringerBriefs in Operations Research*, **2016**,	0.3	1
32	Explicit description of spherical rigid hypersurfaces in. *Complex Analysis and Its Synergies*, **2015**, 1, 1	0.4	6
31	Deterministic Snakes and Ladders Heuristic for the Hamiltonian cycle problem. *Mathematical Programming Computation*, **2014**, 6, 55-75	7.8	15
30	Spring constant calibration techniques for next-generation fast-scanning atomic force microscope cantilevers. *Nanotechnology*, **2014**, 25, 335705	3.4	24
29	Spherical rigid hypersurfaces inC2. *Differential Geometry and Its Applications*, **2014**, 33, 267-271	0.5	0
28	Incompetence and impact of training in bimatrix games. *Automatica*, **2012**, 48, 2400-2408	5.7	7
27	Hamiltonian Cycle Problem and Markov Chains. *Profiles in Operations Research*, **2012**,	1	9
26	How to transform matrices $U_1, ldots, U_p$ to matrices $V_1, ldots, V_p$ so that $V_i V_j^T= {mathbb O} $ if $ i neq j $?. *Numerical Algebra, Control and Optimization*, **2012**, 2, 293-299	1.7	
25	Proof of the Hamiltonicity-Trace Conjecture for Singularly Perturbed Markov Chains. *Journal of Applied Probability*, **2011**, 48, 901-910	0.8	5
24	Proof of the Hamiltonicity-Trace Conjecture for Singularly Perturbed Markov Chains. *Journal of Applied Probability*, **2011**, 48, 901-910	0.8	1

23	Multivariate polynomial perturbations of algebraic equations. *Journal of Mathematical Analysis and Applications*, **2010**, 369, 214-221	1.1	1
22	Inversion of analytically perturbed linear operators that are singular at the origin. *Journal of Mathematical Analysis and Applications*, **2009**, 353, 68-84	1.1	13
21	On the Hamiltonicity Gap and doubly stochastic matrices. *Random Structures and Algorithms*, **2009**, 34, 502-519	0.8	8
20	Consistent behavior of certain perturbed determinants induced by graphs. *Linear Algebra and Its Applications*, **2009**, 431, 543-552	0.9	3
19	A note on the graph resolvent and the multifilar structure. *Linear Algebra and Its Applications*, **2009**, 431, 1367-1379	0.9	5
18	Markov Chains and Optimality of the Hamiltonian Cycle. *Mathematics of Operations Research*, **2009**, 34, 71-82	1.5	10
17	Refined MDP-Based Branch-and-Fix Algorithm for the Hamiltonian Cycle Problem. *Mathematics of Operations Research*, **2009**, 34, 758-768	1.5	11
16	Determinants and Longest Cycles of Graphs. *SIAM Journal on Discrete Mathematics*, **2008**, 22, 1215-1225	0.7	11
15	Holomorphic classification of four-dimensional surfaces in $ mathbb C^3$. *Izvestiya Mathematics*, **2008**, 72, 413-427	0.7	2
14	Clustering of spectra and fractals of regular graphs. *Journal of Mathematical Analysis and Applications*, **2007**, 333, 236-246	1.1	11
13	On regularly perturbed fundamental matrices. *Journal of Mathematical Analysis and Applications*, **2007**, 336, 18-30	1.1	
12	Canonical Cartan connection and holomorphic invariants on Engel CR manifolds. *Russian Journal of Mathematical Physics*, **2007**, 14, 121-133	1.4	11
11	Elliptic CR-manifolds and shear invariant ordinary differential equations with additional symmetries. *Arkiv for Matematik*, **2007**, 45, 253-268	0.2	1
10	Gröbner bases in Asymptotic Analysis of Perturbed Polynomial Programs. *Mathematical Methods of Operations Research*, **2006**, 64, 1-16	1	1
9	Hamiltonian Cycles and Singularly Perturbed Markov Chains. *Mathematics of Operations Research*, **2004**, 29, 114-131	1.5	11
8	An Interior Point Heuristic for the Hamiltonian Cycle Problem via Markov Decision Processes. *Journal of Global Optimization*, **2004**, 29, 315-334	1.5	11
7	Directed graphs, Hamiltonicity and doubly stochastic matrices. *Random Structures and Algorithms*, **2004**, 25, 376-395	0.8	9
6	Geometric interpretation of Hamiltonian cycles problem via singularly perturbed Markov decision processes. *Optimization*, **2003**, 52, 441-458	1.2	2

5	Automorphisms of nondegenerate CR quadrics and Siegel domains. Explicit description. *Journal of Geometric Analysis*, **2001**, 11, 441-467	0.9	4
4	Infinitesimale Starrheit hermitescher Quadriken in allgemeiner Lage. *Mathematische Nachrichten*, **1999**, 204, 41-60	0.8	6
3	A Matrix Poincar Formula for holomorphic automorphisms of quadrics of higher codimension. Real Associative Quadrics. *Journal of Geometric Analysis*, **1998**, 8, 27-41	0.9	9
2	Holomorphic automorphisms of quadrics. *Mathematische Zeitschrift*, **1994**, 216, 453-470	0.7	13
1	Cauchy-Riemann Automorphism Groups that cannot be projectively realized. *Journal of Geometric Analysis*, **1992**, 2, 417-427	0.9	2