

Nikolay Bazhenov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On bi-embeddable categoricity of algebraic structures. <i>Annals of Pure and Applied Logic</i> , 2022, 173, 103060.	0.5	1
2	On the effective universality of mereological theories. <i>Mathematical Logic Quarterly</i> , 2022, 68, 48-66.	0.2	0
3	Rogers semilattices of punctual numberings. <i>Mathematical Structures in Computer Science</i> , 2022, 32, 164-188.	0.6	1
4	Primitive recursive equivalence relations and their primitive recursive complexity. <i>Computability</i> , 2022, 11, 187-221.	0.3	1
5	Degrees of bi-embeddable categoricity. <i>Computability</i> , 2021, 10, 1-16.	0.3	7
6	On Universal Pairs in the Ershov Hierarchy. <i>Siberian Mathematical Journal</i> , 2021, 62, 23-31.	0.6	0
7	A Note on Computable Distinguishing Colorings. <i>Lobachevskii Journal of Mathematics</i> , 2021, 42, 693-700.	0.9	0
8	Theories of Rogers Semilattices of Analytical Numberings. <i>Lobachevskii Journal of Mathematics</i> , 2021, 42, 701-708.	0.9	0
9	Categoricity Spectra of Computable Structures. <i>Journal of Mathematical Sciences</i> , 2021, 256, 34.	0.4	2
10	On Categoricity Spectra for Locally Finite Graphs. <i>Siberian Mathematical Journal</i> , 2021, 62, 796-804.	0.6	0
11	Approximating Approximate Reasoning: Fuzzy Sets and the Ershov Hierarchy. <i>Lecture Notes in Computer Science</i> , 2021, , 1-13.	1.3	1
12	Computable Embeddings for Pairs of Linear Orders. <i>Algebra and Logic</i> , 2021, 60, 163.	0.3	0
13	Punctual Categoricity Spectra of Computably Categorical Structures. <i>Algebra and Logic</i> , 2021, 60, 223-228.	0.3	1
14	Decompositions of decidable abelian groups. <i>International Journal of Algebra and Computation</i> , 2020, 30, 49-90.	0.5	3
15	Online presentations of finitely generated structures. <i>Theoretical Computer Science</i> , 2020, 844, 195-216.	0.9	5
16	The Structure of Computably Enumerable Preorder Relations. <i>Algebra and Logic</i> , 2020, 59, 201-215.	0.3	4
17	Numberings in the Analytical Hierarchy. <i>Algebra and Logic</i> , 2020, 59, 404-407.	0.3	6
18	Minimal Equivalence Relations in Hyperarithmetical and Analytical Hierarchies. <i>Lobachevskii Journal of Mathematics</i> , 2020, 41, 145-150.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Strong Degrees of Categoricity and Weak Density. Lobachevskii Journal of Mathematics, 2020, 41, 1630-1639.	0.9	1
20	Learning families of algebraic structures from informant. Information and Computation, 2020, 275, 104590.	0.7	7
21	Classifying equivalence relations in the Ershov hierarchy. Archive for Mathematical Logic, 2020, 59, 835-864.	0.3	6
22	Semilattices of Punctual Numberings. Lecture Notes in Computer Science, 2020, , 1-12.	1.3	0
23	A Note on Computable Embeddings for Ordinals and Their Reverses. Lecture Notes in Computer Science, 2020, , 1-13.	1.3	0
24	Definable Subsets of Polynomial-Time Algebraic Structures. Lecture Notes in Computer Science, 2020, , 142-154.	1.3	0
25	Computable Contact Algebras. Fundamenta Informaticae, 2019, 167, 257-269.	0.4	3
26	On Decidability of List Structures. Siberian Mathematical Journal, 2019, 60, 377-388.	0.6	0
27	FOUNDATIONS OF ONLINE STRUCTURE THEORY. Bulletin of Symbolic Logic, 2019, 25, 141-181.	0.2	32
28	Effective Embeddings for Pairs of Structures. Lecture Notes in Computer Science, 2019, , 84-95.	1.3	2
29	Bounded Reducibility for Computable Numberings. Lecture Notes in Computer Science, 2019, , 96-107.	1.3	0
30	Weakly Precomplete Equivalence Relations in the Ershov Hierarchy. Algebra and Logic, 2019, 58, 199-213.	0.3	2
31	AUTOMATIC AND POLYNOMIAL-TIME ALGEBRAIC STRUCTURES. Journal of Symbolic Logic, 2019, 84, 1630-1669.	0.5	19
32	Rogers Semilattices for Families of Equivalence Relations in the Ershov Hierarchy. Siberian Mathematical Journal, 2019, 60, 223-234.	0.6	1
33	Computable Isomorphisms of Distributive Lattices. Lecture Notes in Computer Science, 2019, , 28-41.	1.3	2
34	Constructing Decidable Graphs from Decidable Structures. Algebra and Logic, 2019, 58, 369-382.	0.3	1
35	Degrees of bi-embeddable categoricity of equivalence structures. Archive for Mathematical Logic, 2019, 58, 543-563.	0.3	7
36	Elementary theories and hereditary undecidability for semilattices of numberings. Archive for Mathematical Logic, 2019, 58, 485-500.	0.3	4

#	ARTICLE	IF	CITATIONS
37	Linear Orders and Categoricity Spectra. , 2019, , .		2
38	DEGREES OF CATEGORICITY AND SPECTRAL DIMENSION. Journal of Symbolic Logic, 2018, 83, 103-116.	0.5	9
39	Computable Bi-Embeddable Categoricity. Algebra and Logic, 2018, 57, 392-396.	0.3	4
40	Degrees of Autostability Relative to Strong Constructivizations of Graphs. Siberian Mathematical Journal, 2018, 59, 565-577.	0.6	4
41	Autostability spectra for decidable structures. Mathematical Structures in Computer Science, 2018, 28, 392-411.	0.6	16
42	Degrees of Autostability for Prime Boolean Algebras. Algebra and Logic, 2018, 57, 98-114.	0.3	0
43	On Dark Computably Enumerable Equivalence Relations. Siberian Mathematical Journal, 2018, 59, 22-30.	0.6	6
44	Effective categoricity for distributive lattices and Heyting algebras. Lobachevskii Journal of Mathematics, 2017, 38, 600-614.	0.9	8
45	Index Set of Linear Orderings that are Autostable Relative to Strong Constructivizations. Journal of Mathematical Sciences, 2017, 221, 840-848.	0.4	3
46	The index set of the groups autostable relative to strong constructivizations. Siberian Mathematical Journal, 2017, 58, 72-77.	0.6	5
47	Computability of Distributive Lattices. Siberian Mathematical Journal, 2017, 58, 959-970.	0.6	3
48	A Note on Effective Categoricity for Linear Orderings. Lecture Notes in Computer Science, 2017, , 85-96.	1.3	2
49	Degrees of Categoricity of Rigid Structures. Lecture Notes in Computer Science, 2017, , 152-161.	1.3	3
50	Degrees of Categoricity vs. Strong Degrees of Categoricity. Algebra and Logic, 2016, 55, 173-177.	0.3	12
51	Degrees of Autostability for Linear Orders and Linearly Ordered Abelian Groups. Algebra and Logic, 2016, 55, 257-273.	0.3	10
52	Degrees of Autostability Relative to Strong Constructivizations for Boolean Algebras. Algebra and Logic, 2016, 55, 87-102.	0.3	13
53	Boolean Algebras with Distinguished Endomorphisms and Generating Trees. Journal of Mathematical Sciences, 2016, 215, 460-474.	0.4	0
54	Categoricity Spectra for Polymodal Algebras. Studia Logica, 2016, 104, 1083-1097.	0.6	7

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55	Index sets of autostable relative to strong constructivizations constructive models for familiar classes. Doklady Mathematics, 2015, 92, 525-527.	0.6	7
56	2-Computably Enumerable Degrees of Categoricity for Boolean Algebras with Distinguished Automorphisms. Journal of Mathematical Sciences, 2015, 211, 738-746.	0.4	1
57	The Branching Theorem and Computable Categoricity in the Ershov Hierarchy. Algebra and Logic, 2015, 54, 91-104.	0.3	0
58	The index set of Boolean algebras autostable relative to strong constructivizations. Siberian Mathematical Journal, 2015, 56, 393-404.	0.6	14
59	Autostability Spectra for Boolean Algebras. Algebra and Logic, 2015, 53, 502-505.	0.3	20
60	Prime Model with No Degree of Autostability Relative to Strong Constructivizations. Lecture Notes in Computer Science, 2015, , 117-126.	1.3	4
61	$\hat{\Gamma}^2$ -Categoricity of Boolean Algebras. Journal of Mathematical Sciences, 2014, 203, 444-454.	0.4	11
62	Hyperarithmetical Categoricity of Boolean Algebras of Type B \mathfrak{B} ($\hat{\Gamma}^{\infty} \hat{\Delta} \hat{\Gamma}$). Journal of Mathematical Sciences, 2014, 202, 40-49.	0.4	3
63	Computable categoricity of the Boolean algebra $\mathfrak{B}(\omega)$ with a distinguished automorphism. Algebra and Logic, 2013, 52, 89-97.	0.3	1
64	Computable Numberings of the Class of Boolean Algebras with Distinguished Endomorphisms. Algebra and Logic, 2013, 52, 355-366.	0.3	2
65	Degrees of categoricity for superatomic Boolean algebras. Algebra and Logic, 2013, 52, 179-187.	0.3	13
66	Constructivizability of the boolean algebra $\mathfrak{B}(\omega)$ with a distinguished automorphism. Algebra and Logic, 2012, 51, 384-403.	0.3	4
67	On the Turing complexity of learning finite families of algebraic structures. Journal of Logic and Computation, 0, , .	0.8	2
68	Computable embeddability for algebraic structures. Asian-European Journal of Mathematics, 0, , .	0.5	0
69	Rogers semilattices of limitwise monotonic numberings. Mathematical Logic Quarterly, 0, , .	0.2	0