

Vladimir Khandeev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Quadratic Euclidean 1-Mean and 1-Median 2-Clustering Problem with Constraints on the Size of the Clusters: Complexity and Approximability. Proceedings of the Steklov Institute of Mathematics, 2021, 313, S117-S124.	0.1	0
2	Max-Min Problems of Searching for Two Disjoint Subsets. Lecture Notes in Computer Science, 2021, , 231-245.	1.0	2
3	Exact algorithms for two integer-valued problems of searching for the largest subset and longest subsequence. Annals of Mathematics and Artificial Intelligence, 2020, 88, 157-168.	0.9	0
4	On the Complexity of Some Max-Min Clustering Problems. Proceedings of the Steklov Institute of Mathematics, 2020, 309, S65-S73.	0.1	1
5	Complexity of Some Problems of Quadratic Partitioning of a Finite Set of Points in Euclidean Space into Balanced Clusters. Computational Mathematics and Mathematical Physics, 2020, 60, 163-170.	0.2	0
6	Exact Algorithm for the One-Dimensional Quadratic Euclidean Cardinality-Weighted 2-Clustering with Given Center Problem. Communications in Computer and Information Science, 2020, , 30-35.	0.4	1
7	Polynomial-Time Approximation Scheme for a Problem of Searching for the Largest Subset with the Constraint on Quadratic Variation. Lecture Notes in Computer Science, 2020, , 400-405.	1.0	0
8	On Polynomial Solvability of One Quadratic Euclidean Clustering Problem on a Line. Lecture Notes in Computer Science, 2020, , 46-52.	1.0	0
9	On the Complexity of Some Quadratic Euclidean Partition Problems into Balanced Clusters. Communications in Computer and Information Science, 2020, , 127-136.	0.4	0
10	Exact Linear-Time Algorithm for Parameterized K-Means Problem with Optimized Number of Clusters in the 1D Case. Lecture Notes in Computer Science, 2020, , 394-399.	1.0	0
11	Randomized Algorithms for Some Sequence Clustering Problems. Lecture Notes in Computer Science, 2020, , 96-101.	1.0	0
12	On the Complexity of Some Problems of Searching for a Family of Disjoint Clusters. Doklady Mathematics, 2019, 99, 52-56.	0.1	0
13	Exact Algorithms of Search for a Cluster of the Largest Size in Two Integer 2-Clustering Problems. Numerical Analysis and Applications, 2019, 12, 105-115.	0.2	2
14	Randomized Algorithms for Some Hard-to-Solve Problems of Clustering a Finite Set of Points in Euclidean Space. Computational Mathematics and Mathematical Physics, 2019, 59, 842-850.	0.2	2
15	NP-Hardness of Quadratic Euclidean 1-Mean and 1-Median 2-Clustering Problem with Constraints on the Cluster Sizes. Doklady Mathematics, 2019, 100, 545-548.	0.1	5
16	Polynomial-Time Solvability of the One-Dimensional Case of an NP-Hard Clustering Problem. Computational Mathematics and Mathematical Physics, 2019, 59, 1553-1561.	0.2	1
17	On Polynomial Solvability of One Quadratic Euclidean Clustering Problem on a Line. Doklady Mathematics, 2019, 100, 339-342.	0.1	0
18	NP-Completeness of Some Problems of Partitioning a Finite Set of Points in Euclidean Space into Balanced Clusters. Doklady Mathematics, 2019, 100, 416-419.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Exact Algorithms for Two Quadratic Euclidean Problems of Searching for the Largest Subset and Longest Subsequence. Lecture Notes in Computer Science, 2019, , 326-336.	1.0	2
20	NP-hardness of Some Max-Min Clustering Problems. Communications in Computer and Information Science, 2019, , 144-154.	0.4	2
21	The Problem K-Means and Given J-Centers: Polynomial Solvability in One Dimension. Communications in Computer and Information Science, 2019, , 207-216.	0.4	0
22	Fast and Exact Algorithms for Some NP-Hard 2-Clustering Problems in the One-Dimensional Case. Lecture Notes in Computer Science, 2019, , 377-387.	1.0	0
23	A Randomized Algorithm for a Sequence 2-Clustering Problem. Computational Mathematics and Mathematical Physics, 2018, 58, 2078-2085.	0.2	1
24	Exact Algorithms for the Special Cases of Two Hard to Solve Problems of Searching for the Largest Subset. Lecture Notes in Computer Science, 2018, , 294-304.	1.0	1
25	A Randomized Algorithm for 2-Partition of a Sequence. Lecture Notes in Computer Science, 2018, , 313-322.	1.0	2
26	Exact pseudopolynomial algorithm for one sequence partitioning problem. Automation and Remote Control, 2017, 78, 67-74.	0.4	5
27	An Approximation Algorithm for a Problem of Partitioning a Sequence into Clusters with Constraints on Their Cardinalities. Proceedings of the Steklov Institute of Mathematics, 2017, 299, 88-96.	0.1	0
28	Approximation algorithm for the problem of partitioning a sequence into clusters. Computational Mathematics and Mathematical Physics, 2017, 57, 1376-1383.	0.2	1
29	Some algorithms with guaranteed accuracy for 2-clustering problems with given center of one cluster. , 2017, , .		0
30	Fully polynomial-time approximation scheme for a special case of a quadratic Euclidean 2-clustering problem. Computational Mathematics and Mathematical Physics, 2016, 56, 334-341.	0.2	15
31	A fully polynomial-time approximation scheme for a sequence 2-cluster partitioning problem. Journal of Applied and Industrial Mathematics, 2016, 10, 209-219.	0.1	6
32	An Approximation Algorithm for a Problem of Partitioning a Sequence into Clusters with Restrictions on Their Cardinalities. Lecture Notes in Computer Science, 2016, , 171-181.	1.0	1
33	Exact pseudopolynomial algorithm for a problem of the two-cluster partitioning of a set of vectors. Journal of Applied and Industrial Mathematics, 2015, 9, 497-502.	0.1	16
34	A randomized algorithm for two-cluster partition of a set of vectors. Computational Mathematics and Mathematical Physics, 2015, 55, 330-339.	0.2	24

#	ARTICLE	IF	CITATIONS
37	A 2-approximation polynomial algorithm for a clustering problem. Journal of Applied and Industrial Mathematics, 2013, 7, 515-521.	0.1	17