

Kofanov Vladimir

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Strengthening the Comparison Theorem and Kolmogorov Inequality in the Asymmetric Case. <i>Researches in Mathematics</i> , 2022, 30, 30.	0.4	0
2	Sharp inequalities of various metrics on the classes of functions with given comparison function. <i>Researches in Mathematics</i> , 2021, 29, 11.	0.4	0
3	On the Relationship between Sharp Kolmogorov-Type Inequalities and Sharp Kolmogorov-Remez-Type Inequalities. <i>Ukrainian Mathematical Journal</i> , 2021, 73, 592-600.	0.5	1
4	Sharp Kolmogorov-Remez-Type Inequalities for Periodic Functions of Low Smoothness. <i>Ukrainian Mathematical Journal</i> , 2020, 72, 555-567.	0.5	2
5	Sharp Remez-Type Inequalities of Various Metrics with Asymmetric Restrictions Imposed on the Functions. <i>Ukrainian Mathematical Journal</i> , 2020, 72, 1068-1079.	0.5	2
6	Sharp Nagy type inequalities for the classes of functions with given quotient of the uniform norms of positive and negative parts of a function. <i>Researches in Mathematics</i> , 2020, 28, 3.	0.4	0
7	Bojanov-Naidenov Problem for Functions with Asymmetric Restrictions for the Higher Derivative. <i>Ukrainian Mathematical Journal</i> , 2019, 71, 419-434.	0.5	1
8	Bojanov-Naidenov Problem for Differentiable Functions on the Real Line and the Inequalities of Various Metrics. <i>Ukrainian Mathematical Journal</i> , 2019, 71, 896-911.	0.5	1
9	The Bojanov-Naidenov problem for trigonometric polynomials and periodic splines. <i>Researches in Mathematics</i> , 2019, 27, 3.	0.4	0
10	Sharp Remez-type Inequalities of Various Metrics in the Classes of Functions with Given Comparison Function. <i>Ukrainian Mathematical Journal</i> , 2018, 69, 1710-1726.	0.5	3
11	Sharp Remez-Type Inequalities of Different Metrics for Differentiable Periodic Functions, Polynomials, and Splines. <i>Ukrainian Mathematical Journal</i> , 2017, 69, 205-223.	0.5	3
12	Sharp Remez-Type Inequalities for Differentiable Periodic Functions, Polynomials, and Splines. <i>Ukrainian Mathematical Journal</i> , 2016, 68, 253-268.	0.5	3
13	Inequalities of Different Metrics for Differentiable Periodic Functions. <i>Ukrainian Mathematical Journal</i> , 2015, 67, 230-242.	0.5	6
14	Inequalities for Nonperiodic Splines on the Real Axis and Their Derivatives. <i>Ukrainian Mathematical Journal</i> , 2014, 66, 242-252.	0.5	3
15	Inequalities for derivatives of functions on an axis with nonsymmetrically bounded higher derivatives. <i>Ukrainian Mathematical Journal</i> , 2012, 64, 721-736.	0.5	3
16	Sharp upper bounds of norms of functions and their derivatives on classes of functions with given comparison function. <i>Ukrainian Mathematical Journal</i> , 2011, 63, 1118-1135.	0.5	8
17	On some extremal problems of different metrics for differentiable functions on the axis. <i>Ukrainian Mathematical Journal</i> , 2009, 61, 908-922.	0.5	7
18	Inequalities for derivatives of functions in the spaces L_p . <i>Ukrainian Mathematical Journal</i> , 2008, 60, 1557-1573.	0.5	0

#	ARTICLE	IF	CITATIONS
19	On sharp Kolmogorov-type inequalities taking into account the number of sign changes of derivatives. Ukrainian Mathematical Journal, 2008, 60, 1927-1936.	0.5	1
20	On exact Bernstein-type inequalities for splines. Ukrainian Mathematical Journal, 2006, 58, 1538-1551.	0.5	3
21	Comparison of Exact Constants in Inequalities for Derivatives of Functions Defined on the Real Axis and a Circle. Ukrainian Mathematical Journal, 2003, 55, 699-711.	0.5	8
22	Kolmogorov-Type Inequalities for Periodic Functions Whose First Derivatives Have Bounded Variation. Ukrainian Mathematical Journal, 2002, 54, 741-749.	0.5	0
23	On Kolmogorov-Type Inequalities with Integrable Highest Derivative. Ukrainian Mathematical Journal, 2002, 54, 2055-2059.	0.5	0
24	Exact Kolmogorov-Type Inequalities with Bounded Leading Derivative in the Case of Low Smoothness. Ukrainian Mathematical Journal, 2001, 53, 1569-1582.	0.5	6
25	Inequalities of Different Metrics for Differentiable Periodic Functions, Polynomials, and Splines. Ukrainian Mathematical Journal, 2001, 53, 685-700.	0.5	0
26	On Inequalities of the Landau-Kolmogorov-Hörmander Type on a Segment and Real Straight Line. Ukrainian Mathematical Journal, 2000, 52, 1913-1927.	0.5	2
27	Landau-kolmogorov-Hörmander inequalities on the semiaxis. Mathematical Notes, 1999, 65, 144-152.	0.4	0
28	Additive inequalities for intermediate derivatives of differentiable mappings of Banach spaces. Mathematical Notes, 1998, 63, 293-301.	0.4	1
29	Comparison of approximation properties of generalized polynomials and splines. Ukrainian Mathematical Journal, 1998, 50, 1151-1161.	0.5	0
30	On inequalities for norms of intermediate derivatives on a finite interval. Ukrainian Mathematical Journal, 1995, 47, 121-124.	0.5	5
31	Massiveness of the sets of extremal functions in some problems in approximation theory. Ukrainian Mathematical Journal, 1993, 45, 1520-1527.	0.5	0
32	On the sharpness of the Landau-Kolmogorov-Hörmander inequalities on the semiaxis. Ukrainian Mathematical Journal, 1993, 45, 1520-1527.	0.5	0
33	Polynomials of fixed sign that deviate least from zero in the spaces L_p . Mathematical Notes, 1985, 37, 99-105.	0.4	1
34	APPROXIMATION IN THE MEAN OF CLASSES OF DIFFERENTIABLE FUNCTIONS BY ALGEBRAIC POLYNOMIALS. Mathematics of the USSR Izvestija, 1984, 23, 353-365.	0.2	3
35	Best uniform approximation of differentiable functions by algebraic polynomials. Mathematical Notes, 1980, 27, 190-195.	0.4	0