

# Kofanov Vladimir

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Sharp upper bounds of norms of functions and their derivatives on classes of functions with given comparison function. Ukrainian Mathematical Journal, 2011, 63, 1118-1135.	0.5	8
3	On some extremal problems of different metrics for differentiable functions on the axis. Ukrainian Mathematical Journal, 2009, 61, 908-922.	0.5	7
4	Exact Kolmogorov-Type Inequalities with Bounded Leading Derivative in the Case of Low Smoothness. Ukrainian Mathematical Journal, 2001, 53, 1569-1582.	0.5	6
5	Inequalities of Different Metrics for Differentiable Periodic Functions. Ukrainian Mathematical Journal, 2015, 67, 230-242.	0.5	6
6	On inequalities for norms of intermediate derivatives on a finite interval. Ukrainian Mathematical Journal, 1995, 47, 121-124.	0.5	5
7	$\Phi_{\mu, \nu}^{\lambda, \alpha, \beta}(\varphi)$ and $\Phi_{\mu, \nu}^{\lambda, \alpha, \beta}(\varphi)$ inequalities for derivatives of functions on the real axis and a circle. Ukrainian Mathematical Journal, 2011, 63, 1118-1135.	0.5	5
8	APPROXIMATION IN THE MEAN OF CLASSES OF DIFFERENTIABLE FUNCTIONS BY ALGEBRAIC POLYNOMIALS. Mathematics of the USSR Izvestija, 1984, 23, 353-365.	0.2	3
9	On exact Bernstein-type inequalities for splines. Ukrainian Mathematical Journal, 2006, 58, 1538-1551.	0.5	3
10	Inequalities for derivatives of functions on an axis with nonsymmetrically bounded higher derivatives. Ukrainian Mathematical Journal, 2012, 64, 721-736.	0.5	3
11	Inequalities for Nonperiodic Splines on the Real Axis and Their Derivatives. Ukrainian Mathematical Journal, 2014, 66, 242-252.	0.5	3
12	Sharp Remez-Type Inequalities for Differentiable Periodic Functions, Polynomials, and Splines. Ukrainian Mathematical Journal, 2016, 68, 253-268.	0.5	3
13	Sharp Remez-Type Inequalities of Different Metrics for Differentiable Periodic Functions, Polynomials, and Splines. Ukrainian Mathematical Journal, 2017, 69, 205-223.	0.5	3
14	Sharp Remez-type Inequalities of Various Metrics in the Classes of Functions with Given Comparison Function. Ukrainian Mathematical Journal, 2018, 69, 1710-1726.	0.5	3
15	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
16	Sharp Kolmogorov-Remez-Type Inequalities for Periodic Functions of Low Smoothness. Ukrainian Mathematical Journal, 2020, 72, 555-567.	0.5	2
17	Sharp Remez-Type Inequalities of Various Metrics with Asymmetric Restrictions Imposed on the Functions. Ukrainian Mathematical Journal, 2020, 72, 1068-1079.	0.5	2
18	Polynomials of fixed sign that deviate least from zero in the spaces $L_p$ . Mathematical Notes, 1985, 37, 99-105.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Additive inequalities for intermediate derivatives of differentiable mappings of Banach spaces. <i>Mathematical Notes</i> , 1998, 63, 293-301.	0.4	1
20	On sharp Kolmogorov-type inequalities taking into account the number of sign changes of derivatives. <i>Ukrainian Mathematical Journal</i> , 2008, 60, 1927-1936.	0.5	1
21	Bojanov's Naidenov Problem for Functions with Asymmetric Restrictions for the Higher Derivative. <i>Ukrainian Mathematical Journal</i> , 2019, 71, 419-434.	0.5	1
22	Bojanov's 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
23	On the Relationship between Sharp Kolmogorov-Type Inequalities and Sharp Kolmogorov's Remez-Type Inequalities. <i>Ukrainian Mathematical Journal</i> , 2021, 73, 592-600.	0.5	1
24	Best uniform approximation of differentiable functions by algebraic polynomials. <i>Mathematical Notes</i> , 1980, 27, 190-195.	0.4	0
25	Massiveness of the sets of extremal functions in some problems in approximation theory. <i>Ukrainian Mathematical Journal</i> , 1993, 45, 1520-1527.	0.5	0
26	Comparison of approximation properties of generalized polynomials and splines. <i>Ukrainian Mathematical Journal</i> , 1998, 50, 1151-1161.	0.5	0
27	Landau-kolmogorov-Årmander inequalities on the semiaxis. <i>Mathematical Notes</i> , 1999, 65, 144-152.	0.4	0
28	Inequalities of Different Metrics for Differentiable Periodic Functions, Polynomials, and Splines. <i>Ukrainian Mathematical Journal</i> , 2001, 53, 685-700.	0.5	0
29	Kolmogorov-Type Inequalities for Periodic Functions Whose First Derivatives Have Bounded Variation. <i>Ukrainian Mathematical Journal</i> , 2002, 54, 741-749.	0.5	0
30	On Kolmogorov-Type Inequalities with Integrable Highest Derivative. <i>Ukrainian Mathematical Journal</i> , 2002, 54, 2055-2059.	0.5	0
31	Inequalities for derivatives of functions in the spaces $L_p$ . <i>Ukrainian Mathematical Journal</i> , 2008, 60, 1557-1573.	0.5	0
32	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
33	The Bojanov-Naidenov problem for trigonometric polynomials and periodic splines. <i>Researches in Mathematics</i> , 2019, 27, 3.	0.4	0
34	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
35	Strengthening the Comparison Theorem and Kolmogorov Inequality in the Asymmetric Case. <i>Researches in Mathematics</i> , 2022, 30, 30.	0.4	0