

Anatoliy Gupal

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A method for the minimization of almost-differentiable functions. <i>Cybernetics and Systems Analysis</i> , 1977, 13, 115-117.	0.0	18
2	Efficiency of Bayesian classification procedure. <i>Cybernetics and Systems Analysis</i> , 1995, 31, 543-554.	0.4	9
3	Recognition of DNA gene fragments using hidden Markov models. <i>Cybernetics and Systems Analysis</i> , 2012, 48, 369-377.	0.4	9
4	A stochastic method of linearization. <i>Cybernetics and Systems Analysis</i> , 1974, 8, 482-484.	0.0	8
5	Algorithm for the minimization of discontinuous functions. <i>Cybernetics and Systems Analysis</i> , 1977, 13, 220-223.	0.0	8
6	Complexity of classification problems. <i>Cybernetics and Systems Analysis</i> , 1996, 32, 519-533.	0.4	8
7	Predicting protein secondary structure based on Bayesian classification procedures on Markovian chains. <i>Cybernetics and Systems Analysis</i> , 2007, 43, 208-212.	0.4	7
8	Stochastic analog of the conjugant-gradient method. <i>Cybernetics and Systems Analysis</i> , 1974, 8, 138-140.	0.0	5
9	Symmetry in encoding genetic information in DNA. <i>Cybernetics and Systems Analysis</i> , 2011, 47, 408-414.	0.4	5
10	Using compositions of Markov models to determine functional gene fragments. <i>Cybernetics and Systems Analysis</i> , 2013, 49, 692-698.	0.4	5
11	Noise Immunity of Genetic Codes to Point Mutations. <i>Cybernetics and Systems Analysis</i> , 2014, 50, 663-669.	0.4	5
12	Bayesian Recognition of Inflammatory Processes in Brain Gliomas. <i>Cybernetics and Systems Analysis</i> , 2017, 53, 366-372.	0.4	5
13	Using Em-Algorithm for Gene Classification. <i>Cybernetics and Systems Analysis</i> , 2015, 51, 41-50.	0.4	4
14	Analysis of Neurosurgical Pathologies Using Bayesian Recognition Procedures for Indicators of Surface Plasmon Resonance in the Aggregation of Blood Cells. <i>Cybernetics and Systems Analysis</i> , 2020, 56, 550-558.	0.4	4
15	Optimal pattern recognition procedures and their application. <i>Cybernetics and Systems Analysis</i> , 2007, 43, 799-809.	0.4	3
16	Predicting torsion angles in amino acid protein sequences based on a bayesian classification procedure on markov chains. <i>Cybernetics and Systems Analysis</i> , 2010, 46, 684-690.	0.4	3
17	Optimal Noise-Immune Genetic Codes. <i>Cybernetics and Systems Analysis</i> , 2019, 55, 34-39.	0.4	3
18	Optimization method under nonstationary conditions. <i>Cybernetics and Systems Analysis</i> , 1975, 10, 529-532.	0.0	2

#	ARTICLE	IF	CITATIONS
19	An analog of the method of linearization in problems of minimizing nondifferentiable functions. Cybernetics and Systems Analysis, 1978, 14, 64-68.	0.0	2
20	Efficiency of the Bayesian Recognition Procedure. Cybernetics and Systems Analysis, 2001, 37, 53-57.	0.4	2
21	Optimal Pattern Recognition Procedures. Substantiation of Inductive Inference Procedures. Cybernetics and Systems Analysis, 2003, 39, 27-32.	0.4	2
22	Design principles for inductive inference procedures. Cybernetics and Systems Analysis, 2006, 42, 505-515.	0.4	2
23	Symmetry and properties of recording information in DNA. Doklady Mathematics, 2011, 84, 576-578.	0.1	2
24	Symmetric Code and Genetic Mutations. Cybernetics and Systems Analysis, 2016, 52, 240-246.	0.4	2
25	Determination of Risk Groups for the Covid-19 Underlying Diseases. Cybernetics and Systems Analysis, 2021, 57, 223-227.	0.4	2
26	Analog of the method of feasible directions in minimization of nondifferentiable functions. Cybernetics and Systems Analysis, 1978, 14, 216-219.	0.0	1
27	Efficiency of the Bayesian Classification Procedure: The Discrete Case. Cybernetics and Systems Analysis, 2001, 37, 461-469.	0.4	1
28	Bayesian approach, theory of empirical risk minimization. Comparative analysis. Cybernetics and Systems Analysis, 2008, 44, 822-831.	0.4	1
29	Methods to predict protein spatial structure. Cybernetics and Systems Analysis, 2010, 46, 34-50.	0.4	1
30	Symmetry rules in DNA. Doklady Mathematics, 2012, 86, 579-581.	0.1	1
31	Modeling of intracellular processes using active charged particles. Cybernetics and Systems Analysis, 2012, 48, 532-538.	0.4	1
32	Predicting Gene Structure with the Use of Mixtures of Probability Distributions. Cybernetics and Systems Analysis, 2015, 51, 361-369.	0.4	1
33	Bayesian Procedures of Hematologic Disease Recognition. Cybernetics and Systems Analysis, 2017, 53, 925-930.	0.4	1
34	Note on differentiation formulas with respect to initial values and parameters for the ?discontinuous solution? of a system of ordinary differential equations. Cybernetics and Systems Analysis, 1975, 9, 711-713.	0.0	0
35	Stochastic analogy of the method of possible directions. Cybernetics and Systems Analysis, 1975, 9, 832-834.	0.0	0
36	One stochastic programming problem with constraints of a probabilistic nature. Cybernetics and Systems Analysis, 1976, 10, 1019-1026.	0.0	0

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37	A step-regulation method in stochastic programming methods. Cybernetics and Systems Analysis, 1978, 14, 137-141.	0.0	0
38	Properties of functions satisfying a local Lipschitz condition. Cybernetics and Systems Analysis, 1979, 14, 632-634.	0.0	0
39	Logis: A system for statistical abductive inference using empirical data. Cybernetics and Systems Analysis, 1995, 31, 450-460.	0.4	0
40	Complexity and undecidability in mathematical theories. Cybernetics and Systems Analysis, 1997, 33, 307-309.	0.4	0
41	Living cell as a universal computer. Cybernetics and Systems Analysis, 2013, 49, 562-568.	0.4	0
42	Noise immunity of genetic codes and optimal codes. Doklady Mathematics, 2013, 88, 754-757.	0.1	0
43	Risk Group Determination in Case of COVID-19 Infection. Lecture Notes in Computer Science, 2021, , 419-430.	1.0	0