

Neculai Andrei

List of Publications by Year in descending order

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docs citations

44
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A note on memory-less SR1 and memory-less BFGS methods for large-scale unconstrained optimization. Numerical Algorithms, 2022, 90, 223-240.	1.9	5
2	Accelerated memory-less SR1 method with generalized secant equation for unconstrained optimization. Calcolo, 2022, 59, 1.	1.1	2
3	A new accelerated diagonal quasi-Newton updating method with scaled forward finite differences directional derivative for unconstrained optimization. Optimization, 2021, 70, 345-360.	1.7	5
4	New conjugate gradient algorithms based on self-scaling memoryless Broydenâ€™ Fletcherâ€™ Goldfarbâ€™ Shanno method. Calcolo, 2020, 57, 1.	1.1	4
5	Diagonal Approximation of the Hessian by Finite Differences for Unconstrained Optimization. Journal of Optimization Theory and Applications, 2020, 185, 859-879.	1.5	7
6	A double parameter self-scaling memoryless BFGS method for unconstrained optimization. Computational and Applied Mathematics, 2020, 39, 1.	2.2	4
7	A diagonal quasi-Newton updating method for unconstrained optimization. Numerical Algorithms, 2019, 81, 575-590.	1.9	14
8	A New Diagonal Quasi-Newton Updating Method With Scaled Forward Finite Differences Directional Derivative for Unconstrained Optimization. Numerical Functional Analysis and Optimization, 2019, 40, 1467-1488.	1.4	6
9	A Double-Parameter Scaling Broydenâ€™ Fletcherâ€™ Goldfarbâ€™ Shanno Method Based on Minimizing the Measure Function of Byrd and Nocedal for Unconstrained Optimization. Journal of Optimization Theory and Applications, 2018, 178, 191-218.	1.5	7
10	An adaptive scaled BFGS method for unconstrained optimization. Numerical Algorithms, 2018, 77, 413-432.	1.9	28
11	A Dai-Liao conjugate gradient algorithm with clustering of eigenvalues. Numerical Algorithms, 2018, 77, 1273-1282.	1.9	28
12	A double parameter scaled BFGS method for unconstrained optimization. Journal of Computational and Applied Mathematics, 2018, 332, 26-44.	2.0	19
13	A diagonal quasi-Newton updating method based on minimizing the measure function of Byrd and Nocedal for unconstrained optimization. Optimization, 2018, 67, 1553-1568.	1.7	7
14	Accelerated adaptive Perry conjugate gradient algorithms based on the self-scaling memoryless BFGS update. Journal of Computational and Applied Mathematics, 2017, 325, 149-164.	2.0	28
15	Eigenvalues versus singular values study in conjugate gradient algorithms for large-scale unconstrained optimization. Optimization Methods and Software, 2017, 32, 534-551.	2.4	13
16	Numerical Studies: Comparisons. Springer Optimization and Its Applications, 2017, , 437-447.	0.9	0
17	Continuous Nonlinear Optimization for Engineering Applications in GAMS Technology. Springer Optimization and Its Applications, 2017, , .	0.9	19
18	Mathematical Modeling Using Algebraic Oriented Languages for Nonlinear Optimization. Springer Optimization and Its Applications, 2017, , 19-27.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Introduction to GAMS Technology. Springer Optimization and Its Applications, 2017, , 29-45.	0.9	0
20	Simple Bound Constraints Optimization. Springer Optimization and Its Applications, 2017, , 147-184.	0.9	0
21	A New Adaptive Conjugate Gradient Algorithm for Large-Scale Unconstrained Optimization. Springer Optimization and Its Applications, 2016, , 1-16.	0.9	0
22	An adaptive conjugate gradient algorithm for large-scale unconstrained optimization. Journal of Computational and Applied Mathematics, 2016, 292, 83-91.	2.0	36
23	A new three-term conjugate gradient algorithm for unconstrained optimization. Numerical Algorithms, 2015, 68, 305-321.	1.9	19
24	An accelerated subspace minimization three-term conjugate gradient algorithm for unconstrained optimization. Numerical Algorithms, 2014, 65, 859-874.	1.9	31
25	Another Conjugate Gradient Algorithm with Guaranteed Descent and Conjugacy Conditions for Large-scale Unconstrained Optimization. Journal of Optimization Theory and Applications, 2013, 159, 159-182.	1.5	26
26	On three-term conjugate gradient algorithms for unconstrained optimization. Applied Mathematics and Computation, 2013, 219, 6316-6327.	2.2	46
27	A simple three-term conjugate gradient algorithm for unconstrained optimization. Journal of Computational and Applied Mathematics, 2013, 241, 19-29.	2.0	64
28	An accelerated conjugate gradient algorithm with guaranteed descent and conjugacy conditions for unconstrained optimization. Optimization Methods and Software, 2012, 27, 583-604.	2.4	3
29	A modified Polak-Ribière-Polyak conjugate gradient algorithm for unconstrained optimization. Optimization, 2011, 60, 1457-1471.	1.7	37
30	New accelerated conjugate gradient algorithms as a modification of Dai-Yuan's computational scheme for unconstrained optimization. Journal of Computational and Applied Mathematics, 2010, 234, 3397-3410.	2.0	22
31	Accelerated hybrid conjugate gradient algorithm with modified secant condition for unconstrained optimization. Numerical Algorithms, 2010, 54, 23-46.	1.9	37
32	Accelerated scaled memoryless BFGS preconditioned conjugate gradient algorithm for unconstrained optimization. European Journal of Operational Research, 2010, 204, 410-420.	5.7	61
33	Another nonlinear conjugate gradient algorithm for unconstrained optimization. Optimization Methods and Software, 2009, 24, 89-104.	2.4	15
34	Acceleration of conjugate gradient algorithms for unconstrained optimization. Applied Mathematics and Computation, 2009, 213, 361-369.	2.2	48
35	Accelerated conjugate gradient algorithm with finite difference Hessian/vector product approximation for unconstrained optimization. Journal of Computational and Applied Mathematics, 2009, 230, 570-582.	2.0	24
36	A Dai-Yuan conjugate gradient algorithm with sufficient descent and conjugacy conditions for unconstrained optimization. Applied Mathematics Letters, 2008, 21, 165-171.	2.7	33

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37	Another hybrid conjugate gradient algorithm for unconstrained optimization. Numerical Algorithms, 2008, 47, 143-156.	1.9	57
38	A scaled nonlinear conjugate gradient algorithm for unconstrained optimization. Optimization, 2008, 57, 549-570.	1.7	22
39	Performance Profiles of Conjugate-Gradient Algorithms for Unconstrained Optimization. , 2008, , 2938-2953.		6
40	Scaled memoryless BFGS preconditioned conjugate gradient algorithm for unconstrained optimization. Optimization Methods and Software, 2007, 22, 561-571.	2.4	59
41	Scaled conjugate gradient algorithms for unconstrained optimization. Computational Optimization and Applications, 2007, 38, 401-416.	1.6	125
42	A scaled BFGS preconditioned conjugate gradient algorithm for unconstrained optimization. Applied Mathematics Letters, 2007, 20, 645-650.	2.7	57
43	An acceleration of gradient descent algorithm with backtracking for unconstrained optimization. Numerical Algorithms, 2006, 42, 63-73.	1.9	66