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List of Publications by Year
in descending order

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205 papers	3,050 citations	172207 29 h-index	276539 41 g-index
207 all docs	207 docs citations	207 times ranked	933 citing authors

#	Article	IF	Citations
1	Weighted inner inverse for rectangular matrices. Quaestiones Mathematicae, 2022, 45, 11-39.	0.2	1
2	Solving Complex-Valued Time-Varying Linear Matrix Equations via QR Decomposition With Applications to Robotic Motion Tracking and on Angle-of-Arrival Localization. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3415-3424.	7.2	37
3	Zeroing Neural Network With Fuzzy Parameter for Computing Pseudoinverse of Arbitrary Matrix. IEEE Transactions on Fuzzy Systems, 2022, 30, 3426-3435.	6.5	33
4	Time-varying meanâ€“variance portfolio selection problem solving via LVI-PDNN. Computers and Operations Research, 2022, 138, 105582.	2.4	16
5	A family of varying-parameter finite-time zeroing neural networks for solving time-varying Sylvester equation and its application. Journal of Computational and Applied Mathematics, 2022, 403, 113826.	1.1	14
6	Representations and geometrical properties of generalized inverses over fields. Linear and Multilinear Algebra, 2022, 70, 7318-7338.	0.5	2
7	Expressions and properties of weak core inverse. Applied Mathematics and Computation, 2022, 415, 126704.	1.4	1
8	Fraud detection in publicly traded U.S firms using Beetle Antennae Search: A machine learning approach. Expert Systems With Applications, 2022, 191, 116148.	4.4	29
9	MPCEP-$$*$$CEPMP-Solutions of Some Restricted Quaternion Matrix Equations. Advances in Applied Clifford Algebras, 2022, 32, 1.	0.5	7
10	Formation of Fuzzy Patterns in Logical Analysis of Data Using a Multi-Criteria Genetic Algorithm. Symmetry, 2022, 14, 600.	1.1	5
11	Properties of the CMP inverse and its computation. Computational and Applied Mathematics, 2022, 41, 1.	1.0	5
12	Non-linear Activated Beetle Antennae Search: A novel technique for non-convex tax-aware portfolio optimization problem. Expert Systems With Applications, 2022, 197, 116631.	4.4	13
13	A higher-order zeroing neural network for pseudoinversion of an arbitrary time-varying matrix with applications to mobile object localization. Information Sciences, 2022, 600, 226-238.	4.0	18
14	A Single Valued Neutrosophic Extension of the Simple WISP Method. Informatica, 2022, , 635-651.	1.5	5
15	Generalizations of composite inverses with certain image and/or kernel. Applied Mathematics and Computation, 2022, 428, 127155.	1.4	3
16	Finite-time convergent zeroing neural network for solving time-varying algebraic Riccati equations. Journal of the Franklin Institute, 2022, 359, 10867-10883.	1.9	8
17	Representations of Quaternion W-MPCEP, W-CEPMP and W-MPCEPMP Inverses. Advances in Applied Clifford Algebras, 2022, 32, .	0.5	1
18	Extensions of generalized core-EP inverse. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2022, 116, .	0.6	3

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19	Zeroing Neural Network Approaches Based on Direct and Indirect Methods for Solving the Yangâ€“Baxter-like Matrix Equation. Mathematics, 2022, 10, 1950.	1.1	14
20	Unique non-negative definite solution of the time-varying algebraic Riccati equations with applications to stabilization of LTV systems. Mathematics and Computers in Simulation, 2022, 202, 164-180.	2.4	13
21	Accelerated multiple step-size methods for solving unconstrained optimization problems. Optimization Methods and Software, 2021, 36, 998-1029.	1.6	9
22	Characterizations and representations of outer inverse for matrices over a ring. Linear and Multilinear Algebra, 2021, 69, 155-176.	0.5	6
23	Improved finiteâ€time zeroing neural network for timeâ€varying division. Studies in Applied Mathematics, 2021, 146, 526-549.	1.1	14
24	One-sided weighted outer inverses of tensors. Journal of Computational and Applied Mathematics, 2021, 388, 113293.	1.1	9
25	Solvability of New Constrained Quaternion Matrix Approximation Problems Based on Core-EP Inverses. Advances in Applied Clifford Algebras, 2021, 31, 1.	0.5	8
26	A New Varying-Parameter Design Formula for Solving Time-Varying Problems. Neural Processing Letters, 2021, 53, 107-129.	2.0	10
27	Composite outer inverses for rectangular matrices. Quaestiones Mathematicae, 2021, 44, 45-72.	0.2	14
28	A Novel Value for the Parameter in the Dai-Liao-Type Conjugate Gradient Method. Journal of Function Spaces, 2021, 2021, 1-10.	0.4	3
29	Representations and properties for the MPCEP inverse. Journal of Applied Mathematics and Computing, 2021, 67, 101-130.	1.2	8
30	Design and analysis of recurrent neural network models with nonâ€linear activation functions for solving timeâ€varying quadratic programming problems. CAAI Transactions on Intelligence Technology, 2021, 6, 394-404.	3.4	25
31	Computing tensor generalized inverses via specialization and rationalization. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	0.6	2
32	Application of Delaunay Triangulation and Catalan Objects in Steganography. Mathematics, 2021, 9, 1172.	1.1	7
33	Representations for the weak group inverse. Applied Mathematics and Computation, 2021, 397, 125957.	1.4	13
34	MPD-DMP-solutions to quaternion two-sided restricted matrix equations. Computational and Applied Mathematics, 2021, 40, 1.	1.0	10
35	An Innovative Grey Approach for Group Multi-Criteria Decision Analysis Based on the Median of Ratings by Using Python. Axioms, 2021, 10, 124.	0.9	3
36	Weighted Minimization Problems for Quaternion Matrices. Advances in Applied Clifford Algebras, 2021, 31, 1.	0.5	3

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37	Continuous-Time Varying Complex QR Decomposition via Zeroing Neural Dynamics. Neural Processing Letters, 2021, 53, 3573-3590.	2.0	22
38	Simulation of Varying Parameter Recurrent Neural Network with application to matrix inversion. Mathematics and Computers in Simulation, 2021, 185, 614-628.	2.4	13
39	Solving the time-varying tensor square root equation by varying-parameters finite-time Zhang neural network. Neurocomputing, 2021, 445, 309-325.	3.5	10
40	A New Grey Approach for Using SWARA and PIPRECIA Methods in a Group Decision-Making Environment. Mathematics, 2021, 9, 1554.	1.1	17
41	Generalization of core-EP inverse for rectangular matrices. Journal of Mathematical Analysis and Applications, 2021, 500, 125101.	0.5	11
42	Sign pattern, usability, representations and perturbation for the core-EP and weighted core-EP inverse. Applied Mathematics and Computation, 2021, 404, 126247.	1.4	7
43	Properties and computation of continuous-time solutions to linear systems. Applied Mathematics and Computation, 2021, 405, 126242.	1.4	1
44	Representations and symbolic computation of generalized inverses over fields. Applied Mathematics and Computation, 2021, 406, 126287.	1.4	12
45	Weighted composite outer inverses. Applied Mathematics and Computation, 2021, 411, 126493.	1.4	3
46	Time-Varying Mean-Variance Portfolio Selection under Transaction Costs and Cardinality Constraint Problem via Beetle Antennae Search Algorithm (BAS). SN Operations Research Forum, 2021, 2, 1.	0.6	12
47	Comparative Analysis of the Simple WISP and Some Prominent MCDM Methods: A Python Approach. Axioms, 2021, 10, 347.	0.9	5
48	Outer and (b,c) inverses of tensors. Linear and Multilinear Algebra, 2020, 68, 940-971.	0.5	28
49	Varying-parameter Zhang neural network for approximating some expressions involving outer inverses. Optimization Methods and Software, 2020, 35, 1304-1330.	1.6	15
50	Higher-Order ZNN Dynamics. Neural Processing Letters, 2020, 51, 697-721.	2.0	15
51	Complex Varying-Parameter Zhang Neural Networks for Computing Core and Core-EP Inverse. Neural Processing Letters, 2020, 51, 1299-1329.	2.0	23
52	Computing the Moore-Penrose inverse using its error bounds. Applied Mathematics and Computation, 2020, 371, 124957.	1.4	2
53	Core and core-EP inverses of tensors. Computational and Applied Mathematics, 2020, 39, 1.	1.0	35
54	Analysis and Application of Modified ZNN Design With Robustness Against Harmonic Noise. IEEE Transactions on Industrial Informatics, 2020, 16, 4627-4638.	7.2	47

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55	Modified Variational Iteration Algorithm-II: Convergence and Applications to Diffusion Models. Complexity, 2020, 2020, 1-14.	0.9	49
56	New Perspective on the Conventional Solutions of the Nonlinear Time-Fractional Partial Differential Equations. Complexity, 2020, 2020, 1-10.	0.9	57
57	A Novel Extension of the TOPSIS Method Adapted for the Use of Single-Valued Neutrosophic Sets and Hamming Distance for E-Commerce Development Strategies Selection. Symmetry, 2020, 12, 1263.	1.1	33
58	Solvability of some constrained matrix approximation problems using core-EP inverses. Computational and Applied Mathematics, 2020, 39, 1.	1.0	8
59	A new analyzing technique for nonlinear time fractional Cauchy reaction-diffusion model equations. Results in Physics, 2020, 19, 103462.	2.0	83
60	Optimal Portfolio Management for Engineering Problems Using Nonconvex Cardinality Constraint: A Computing Perspective. IEEE Access, 2020, 8, 57437-57450.	2.6	37
61	Computation of outer inverses of tensors using the QR decomposition. Computational and Applied Mathematics, 2020, 39, 1.	1.0	14
62	Time-varying minimum-cost portfolio insurance under transaction costs problem via Beetle Antennae Search Algorithm (BAS). Applied Mathematics and Computation, 2020, 385, 125453.	1.4	19
63	New classes of more general weighted outer inverses. Linear and Multilinear Algebra, 2020, , 1-26.	0.5	8
64	Characterizations, iterative method, sign pattern and perturbation analysis for the DMP inverse with its applications. Applied Mathematics and Computation, 2020, 378, 125196.	1.4	29
65	Varyingâ€parameter finiteâ€time zeroing neural network for solving linear algebraic systems. Electronics Letters, 2020, 56, 810-813.	0.5	13
66	A Hybrid Firefly and Multi-Strategy Artificial Bee Colony Algorithm. International Journal of Computational Intelligence Systems, 2020, 13, 810.	1.6	20
67	A survey of gradient methods for solving nonlinear optimization. Electronic Research Archive, 2020, 28, 1573-1624.	0.4	17
68	Authentication Based on the Image Encryption using Delaunay Triangulation and Catalan Objects. Acta Polytechnica Hungarica, 2020, 17, 207-224.	2.5	7
69	Zeroing Neural Network Based on the Equation AXA = A. Lecture Notes in Computer Science, 2019, , 213-224.	1.0	0
70	An Application of Computer Algebra and Dynamical Systems. Lecture Notes in Computer Science, 2019, , 225-236.	1.0	1
71	Further efficient hyperpower iterative methods for the computation of generalized inverses $$A_{T,S}^{(2)}$$. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2019, 113, 3323-3339.	0.6	4
72	Perturbation theory for Mooreâ€“Penrose inverse of tensor via Einstein product. Computational and Applied Mathematics, 2019, 38, 1.	1.0	38

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73	Characterizations, approximation and perturbations of the core-EP inverse. Applied Mathematics and Computation, 2019, 359, 404-417.	1.4	58
74	A class of quadratically convergent iterative methods. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2019, 113, 3125-3146.	0.6	6
75	An improved algorithm for basis pursuit problem and its applications. Applied Mathematics and Computation, 2019, 355, 385-398.	1.4	13
76	Improved GNN Models for Constant Matrix Inversion. Neural Processing Letters, 2019, 50, 321-339.	2.0	18
77	Integration enhanced and noise tolerant ZNN for computing various expressions involving outer inverses. Neurocomputing, 2019, 329, 129-143.	3.5	43
78	Inversion and pseudoinversion of block arrowhead matrices. Applied Mathematics and Computation, 2019, 341, 379-401.	1.4	9
79	Complex ZNN for computing time-varying weighted pseudo-inverses. Applicable Analysis and Discrete Mathematics, 2019, 13, 131-164.	0.3	3
80	Modified discrete iterations for computing the inverse and pseudoinverse of the time-varying matrix. Neurocomputing, 2018, 289, 155-165.	3.5	30
81	Gradient neural dynamics for solving matrix equations and their applications. Neurocomputing, 2018, 306, 200-212.	3.5	45
82	An interval extension of SMS method for computing weighted Mooreâ€“Penrose inverse. Calcolo, 2018, 55, 1.	0.6	3
83	Computation of {2,4} and {2,3}-inverses based on rank-one updates. Linear and Multilinear Algebra, 2018, 66, 147-166.	0.5	2
84	From Zhang Neural Network to scaled hyperpower iterations. Journal of Computational and Applied Mathematics, 2018, 331, 133-155.	1.1	21
85	Complex ZFs for computing time-varying complex outer inverses. Neurocomputing, 2018, 275, 983-1001.	3.5	36
86	Factorizations of hyperpower family of iterative methods via least squares approach. Computational and Applied Mathematics, 2018, 37, 3226-3240.	1.3	3
87	Gradient Neural Network with Nonlinear Activation for Computing Inner Inverses and the Drazin Inverse. Neural Processing Letters, 2018, 48, 109-133.	2.0	30
88	Hybrid Modification of Accelerated Double Direction Method. Mathematical Problems in Engineering, 2018, 2018, 1-8.	0.6	11
89	Hybrid GNN-ZNN models for solving linear matrix equations. Neurocomputing, 2018, 316, 124-134.	3.5	39
90	New Hybrid Conjugate Gradient and Broydenâ€“Fletcherâ€“Goldfarbâ€“Shanno Conjugate Gradient Methods. Journal of Optimization Theory and Applications, 2018, 178, 860-884.	0.8	13

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91	The Î»-Aluthge transform of EP matrices. Filomat, 2018, 32, 4403-4411.	0.2	2
92	An improved chaotic firefly algorithm for global numerical optimization. International Journal of Computational Intelligence Systems, 2018, 12, 131.	1.6	21
93	Orbiting triangle method for convex polygon triangulation. Applicable Analysis and Discrete Mathematics, 2018, 12, 439-454.	0.3	1
94	AN ALTERNATIVE DECOMPOSITION OF CATALAN NUMBER. Facta Universitatis Series Mathematics and Informatics, 2018, 33, 063.	0.1	0
95	A hyperpower iterative method for computing the generalized Drazin inverse of Banach algebra element. Sadhana - Academy Proceedings in Engineering Sciences, 2017, 42, 625-630.	0.8	4
96	Nonlinearly Activated Recurrent Neural Network for Computing the Drazin Inverse. Neural Processing Letters, 2017, 46, 195-217.	2.0	28
97	Recurrent neural network for computing the W-weighted Drazin inverse. Applied Mathematics and Computation, 2017, 300, 1-20.	1.4	25
98	A Family of Iterative Methods with Accelerated Convergence for Restricted Linear System of Equations. Mediterranean Journal of Mathematics, 2017, 14, 1.	0.4	4
99	Representations and properties of theW-Weighted Drazin inverse. Linear and Multilinear Algebra, 2017, 65, 1080-1096.	0.5	24
100	Application of Heuristic and Metaheuristic Algorithms in Solving Constrained Weber Problem with Feasible Region Bounded by Arcs. Mathematical Problems in Engineering, 2017, 2017, 1-13.	0.6	20
101	Conditions for Existence, Representations, and Computation of Matrix Generalized Inverses. Complexity, 2017, 2017, 1-27.	0.9	19
102	ZNN models for computing matrix inverse based on hyperpower iterative methods. Filomat, 2017, 31, 2999-3014.	0.2	14
103	Computing the Pseudoinverse of Specific Toeplitz Matrices Using Rank-One Updates. Mathematical Problems in Engineering, 2016, 2016, 1-16.	0.6	2
104	Neural network approach to computing outer inverses based on the full rank representation. Linear Algebra and Its Applications, 2016, 501, 344-362.	0.4	16
105	Complex Neural Network Models for Time-Varying Drazin Inverse. Neural Computation, 2016, 28, 2790-2824.	1.3	30
106	Recurrent Neural Network for Computing Outer Inverse. Neural Computation, 2016, 28, 970-998.	1.3	30
107	Computing {2,4} and {2,3}-inverses by using the Shermanâ€“Morrison formula. Applied Mathematics and Computation, 2016, 273, 584-603.	1.4	7
108	Neural network for computing pseudoinverses and outer inverses of complex-valued matrices. Applied Mathematics and Computation, 2016, 273, 1107-1121.	1.4	16

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109	Computing outer inverses by scaled matrix iterations. Journal of Computational and Applied Mathematics, 2016, 296, 89-101.	1.1	5
110	On removing blur in images using least squares solutions. Filomat, 2016, 30, 3855-3866.	0.2	2
111	A Transformation of Accelerated Double Step Size Method for Unconstrained Optimization. Mathematical Problems in Engineering, 2015, 2015, 1-8.	0.6	10
112	A Novel Iterative Method for Polar Decomposition and Matrix Sign Function. Discrete Dynamics in Nature and Society, 2015, 2015, 1-11.	0.5	3
113	Recent Theories and Applications in Approximation Theory. Scientific World Journal, The, 2015, 2015, 1-2.	0.8	2
114	Application of the Least Squares Solutions in Image Deblurring. Mathematical Problems in Engineering, 2015, 2015, 1-18.	0.6	4
115	Representation and computations of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mo stretchy="false">{</mml:mo><mml:mn>2</mml:mn><mml:mtext>,</mml:mtext><mml:msup><mml:mrow><mml:mn>3</mml:mn></mml:mrow><mml:mn>n</mml:mn></mml:msup><mml:mo stretchy="false">}</mml:mo></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mrow><mml:mo stretchy="false">{</mml:mo>. Applied Mathematics and Comp	1.4	5
116	On hyperpower family of iterations for computing outer inverses possessing high efficiencies. Linear Algebra and Its Applications, 2015, 484, 477-495.	0.4	21
117	Generalized inverse restricted by the normal Drazin equation. Linear and Multilinear Algebra, 2015, 63, 893-913.	0.5	1
118	Outer inverse restricted by a linear system. Linear and Multilinear Algebra, 2015, 63, 2461-2493.	0.5	3
119	Recurrent Neural Network for Computing the Drazin Inverse. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2830-2843.	7.2	78
120	Recurrent Neural Network Approach Based on the Integral Representation of the Drazin Inverse. Neural Computation, 2015, 27, 2107-2131.	1.3	44
121	ALGORITHM FOR WEBER PROBLEM WITH A METRIC BASED ON THE INITIAL FARE. Journal of Applied Mathematics & Informatics, 2015, 33, 157-172.	0.1	3
122	Algorithms for Location Problems Based on Angular Distances. Advances in Operations Research, 2014, 2014, 1-12.	0.2	4
123	Accelerated Double Direction Method for Solving Unconstrained Optimization Problems. Mathematical Problems in Engineering, 2014, 2014, 1-8.	0.6	16
124	Image deblurring process based on separable restoration methods. Computational and Applied Mathematics, 2014, 33, 301-323.	1.3	5
125	Two improvements of the iterative method for computing Mooreâ€“Penrose inverse based on Penrose equations. Journal of Computational and Applied Mathematics, 2014, 267, 61-71.	1.1	18
126	A class of numerical algorithms for computing outer inverses. Journal of Computational and Applied Mathematics, 2014, 263, 236-245.	1.1	38

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127	A note on the stability of a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>p</mml:mi></mml:math>th order iteration for finding generalized inverses. Applied Mathematics Letters, 2014, 28, 77-81.	1.5	13
128	Decomposition of Catalan numbers and convex polygon triangulations. International Journal of Computer Mathematics, 2014, 91, 1315-1328.	1.0	8
129	Minimization of quadratic forms using the Drazin-inverse solution. Linear and Multilinear Algebra, 2014, 62, 252-266.	0.5	3
130	Minimal properties of the Drazin-inverse solution of a matrix equation. Filomat, 2014, 28, 383-395.	0.2	0
131	Removal of blur in images based on least squares solutions. Mathematical Methods in the Applied Sciences, 2013, 36, 2280-2296.	1.2	16
132	An accelerated iterative method for computing weighted Mooreâ€“Penrose inverse. Applied Mathematics and Computation, 2013, 222, 365-371.	1.4	20
133	Scalar correction method for finding least-squares solutions on Hilbert spaces and its applications. Applied Mathematics and Computation, 2013, 219, 9639-9651.	1.4	1
134	An Approach to the Multi-facility Weber Problem with Special Metrics. , 2013, , .		0
135	Gradient methods for computing the Drazin-inverse solution. Journal of Computational and Applied Mathematics, 2013, 253, 255-263.	1.1	15
136	Gaussâ€“Jordan elimination method for computing outer inverses. Applied Mathematics and Computation, 2013, 219, 4667-4679.	1.4	43
137	Environmental and Economic Criteria in Ranking of Copper Concentrates. Environmental Modeling and Assessment, 2013, 18, 73-83.	1.2	6
138	A Higher Order Iterative Method for Computing the Drazin Inverse. Scientific World Journal, The, 2013, 2013, 1-11.	0.8	22
139	Application of the partitioning method to specific Toeplitz matrices. International Journal of Applied Mathematics and Computer Science, 2013, 23, 809-821.	1.5	3
140	On the Simplex Algorithm Initializing. Abstract and Applied Analysis, 2012, 2012, 1-15.	0.3	4
141	Determinantal Representation of Outer Inverses in Riemannian Space. Algebra Colloquium, 2012, 19, 877-892.	0.1	3
142	A Blending Problem in Copper Production. Environmental Modeling and Assessment, 2012, 17, 495-503.	1.2	3
143	Full-rank representations of outer inverses based on the QR decomposition. Applied Mathematics and Computation, 2012, 218, 10321-10333.	1.4	44
144	Ballot matrix as Catalan matrix power and related identities. Discrete Applied Mathematics, 2012, 160, 344-351.	0.5	7

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145	Symbolic computation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msubsup><mml:mrow><mml:mi>A</mml:mi></mml:mrow><mml:mrow><mml:mi>T</mml:mi></mml:mrow><mml:mrow stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 732 Td (stretchy="false"> ODR factorization. Linear Algebra and Its Applications, 2012, 437, 1317-1331.	0.4	9
146	Application of the pseudoinverse computation in reconstruction of blurred images. Filomat, 2012, 26, 453-465.	0.2	12
147	Inversion of the generalized Fibonacci matrix by convolution. International Journal of Computer Mathematics, 2011, 88, 1519-1532.	1.0	2
148	Comments on some recent results concerning {2, 3} and {2, 4}-generalized inverses. Applied Mathematics and Computation, 2011, 218, 1512-1514.	1.4	2
149	Modified SMS method for computing outer inverses of Toeplitz matrices. Applied Mathematics and Computation, 2011, 218, 3131-3143.	1.4	6
150	Scalar Correction Method for Solving Large Scale Unconstrained Minimization Problems. Journal of Optimization Theory and Applications, 2011, 151, 304-320.	0.8	12
151	On the Leverrier-Faddeev algorithm for computing theÂMoore-Penrose inverse. Journal of Applied Mathematics and Computing, 2011, 35, 135-141.	1.2	1
152	Inversion of Catalan matrix plus one. Journal of Applied Mathematics and Computing, 2011, 35, 497-505.	1.2	0
153	Iterative method for computing the Mooreâ€“Penrose inverse based on Penrose equations. Journal of Computational and Applied Mathematics, 2011, 235, 1604-1613.	1.1	55
154	Effective partitioning method for computing generalized inverses and their gradients. Applied Mathematics and Computation, 2011, 217, 7588-7598.	1.4	0
155	Full-rank representations of {2, 4}, {2, 3}-inverses and successive matrix squaring algorithm. Applied Mathematics and Computation, 2011, 217, 9358-9367.	1.4	16
156	Computation of generalized inverses using PHP/MySQL environment. International Journal of Computer Mathematics, 2011, 88, 2429-2446.	1.0	3
157	SINGULAR CASE OF GENERALIZED FIBONACCI AND LUCAS MATRICES. Journal of the Korean Mathematical Society, 2011, 48, 33-48.	0.4	10
158	Computer Algebra and Line Search. Springer Optimization and Its Applications, 2010, , 425-438.	0.6	1
159	Accelerated gradient descent methods with line search. Numerical Algorithms, 2010, 54, 503-520.	1.1	39
160	Inverting linear combinations of identity and generalized Catalan matrices. Linear Algebra and Its Applications, 2010, 433, 1472-1480.	0.4	2
161	About the generalized LM-inverse and the weighted Mooreâ€“Penrose inverse. Applied Mathematics and Computation, 2010, 216, 114-124.	1.4	6
162	Differentiation of generalized inverses for rational and polynomial matrices. Applied Mathematics and Computation, 2010, 216, 2092-2106.	1.4	3

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163	Symbolic implementation of interior point method for linear programming problem. International Journal of Computer Mathematics, 2010, 87, 2173-2187.	1.0	0
164	Modification and implementation of two-phase simplex method. International Journal of Computer Mathematics, 2009, 86, 1231-1242.	1.0	3
165	Extensions of Faddeevâ€™s algorithms to polynomial matrices. Applied Mathematics and Computation, 2009, 214, 246-258.	1.4	4
166	Catalan matrix and related combinatorial identities. Applied Mathematics and Computation, 2009, 215, 796-805.	1.4	12
167	Generalized matrix inversion is not harder than matrix multiplication. Journal of Computational and Applied Mathematics, 2009, 230, 270-282.	1.1	28
168	Multiplicative parameters in gradient descent methods. Filomat, 2009, 23, 23-36.	0.2	3
169	Visualization in optimization with Mathematica. Filomat, 2009, 23, 68-81.	0.2	1
170	Effective partitioning method for computing weighted Mooreâ€“Penrose inverse. Computers and Mathematics With Applications, 2008, 55, 1720-1734.	1.4	19
171	A generalization of Fibonacci and Lucas matrices. Discrete Applied Mathematics, 2008, 156, 2606-2619.	0.5	19
172	Implementation of polynomial multi-objective optimization in Mathematica. Structural and Multidisciplinary Optimization, 2008, 36, 411-428.	1.7	5
173	Symbolic and recursive computation of different types of generalized inverses. Applied Mathematics and Computation, 2008, 199, 349-367.	1.4	11
174	Successive matrix squaring algorithm for computing outer inverses. Applied Mathematics and Computation, 2008, 203, 19-29.	1.4	62
175	Computing generalized inverses using LU factorization of matrix product. International Journal of Computer Mathematics, 2008, 85, 1865-1878.	1.0	29
176	Symbolic computation of weighted Mooreâ€“Penrose inverse using partitioning method. Applied Mathematics and Computation, 2007, 189, 615-640.	1.4	27
177	Interpolation algorithm for computing Drazin inverse of polynomial matrices. Linear Algebra and Its Applications, 2007, 422, 526-539.	0.4	3
178	Computing generalized inverses of a rational matrix and applications. Journal of Applied Mathematics and Computing, 2007, 24, 81-94.	1.2	2
179	Generalized inversion by interpolation. Filomat, 2007, 21, 67-86.	0.2	2
180	Computing generalized inverse of polynomial matrices by interpolation. Applied Mathematics and Computation, 2006, 172, 508-523.	1.4	23

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181	Interpolation algorithm of Leverrierâ€“Faddev type for polynomial matrices. Numerical Algorithms, 2006, 42, 345-361.	1.1	2
182	Adjoint Mappings and Inverses of Matrices. Algebra Colloquium, 2006, 13, 421-432.	0.1	9
183	Iterative methods for computing generalized inverses related with optimization methods. Journal of the Australian Mathematical Society, 2005, 78, 257-272.	0.3	11
184	Stabilization of Mehrotra's primalâ€“dual algorithm and its implementation. European Journal of Operational Research, 2005, 165, 598-609.	3.5	3
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