

Andres Iglesias Prieto

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

2,075
citations

279487

23
h-index

315357

38
g-index

217
all docs

217
docs citations

217
times ranked

956
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and implementation of parallel self-adaptive differential evolution for global optimization. Logic Journal of the IGPL, 2023, 31, 701-721.	1.3	0
2	Image Reconstruction of Colored Bitmap Fractal Images Through Bat Algorithm and Color-Based Image Clustering. Advances in Intelligent Systems and Computing, 2022, , 222-232.	0.5	1
3	Visual cost of energy facilities: A comprehensive model and case study of offshore wind farms. Landscape and Urban Planning, 2022, 220, 104314.	3.4	4
4	3D Modelling with C2 Continuous PDE Surface Patches. Mathematics, 2022, 10, 319.	1.1	0
5	PDE-Based 3D Surface Reconstruction from Multi-View 2D Images. Mathematics, 2022, 10, 542.	1.1	5
6	IFS-Based Image Reconstruction of Binary Images with Functional Networks. Mathematics, 2022, 10, 1107.	1.1	0
7	Reconstructing Dynamic 3D Models with Small Data by Integrating Position-Based Dynamics and PDE-Based Modelling. Mathematics, 2022, 10, 821.	1.1	0
8	PDE patch-based surface reconstruction from point clouds. Journal of Computational Science, 2022, 61, 101647.	1.5	2
9	Modified OFS-RDS bat algorithm for IFS encoding of bitmap fractal binary images. Advanced Engineering Informatics, 2021, 47, 101222.	4.0	6
10	State-of-the-Art in 3D Face Reconstruction from a Single RGB Image. Lecture Notes in Computer Science, 2021, , 31-44.	1.0	3
11	A Hardware Architecture and Physical Prototype for General-Purpose Swarm Minirobotics: Proteus II. Springer Tracts in Nature-inspired Computing, 2021, , 149-174.	1.2	0
12	Social distancing enhanced automated optimal design of physical spaces in the wake of the COVID-19 pandemic. Sustainable Cities and Society, 2021, 68, 102791.	5.1	30
13	On Selection of a Benchmark by Determining the Algorithmsâ€™ Qualities. IEEE Access, 2021, 9, 51166-51178.	2.6	11
14	Cuckoo Search Algorithm for Parametric Data Fitting of Characteristic Curves of the Van der Waals Equation of State. Springer Tracts in Nature-inspired Computing, 2021, , 21-45.	1.2	0
15	Functional Networks for Image Segmentation of Cutaneous Lesions with Rational Curves. Advances in Intelligent Systems and Computing, 2021, , 780-789.	0.5	0
16	Optimized Unidirectional and Bidirectional Stiffened Objects for Minimum Material Consumption of 3D Printing. Mathematics, 2021, 9, 2835.	1.1	1
17	NURBS functional network approach for automatic image segmentation of macroscopic medical images in melanoma detection. Journal of Computational Science, 2021, 56, 101481.	1.5	4
18	New Perspectives in the Development of the Artificial Sport Trainer. Applied Sciences (Switzerland), 2021, 11, 11452.	1.3	1

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19	Development of a framework for modeling preference times in triathlon. <i>Neural Computing and Applications</i> , 2020, 32, 10833-10846.	3.2	1
20	Memetic improved cuckoo search algorithm for automatic B-spline border approximation of cutaneous melanoma from macroscopic medical images. <i>Advanced Engineering Informatics</i> , 2020, 43, 101005.	4.0	13
21	COEBA: A Coevolutionary Bat Algorithm for Discrete Evolutionary Multitasking. <i>Lecture Notes in Computer Science</i> , 2020, , 244-256.	1.0	5
22	Parametric Learning of Associative Functional Networks Through a Modified Memetic Self-adaptive Firefly Algorithm. <i>Lecture Notes in Computer Science</i> , 2020, , 566-579.	1.0	1
23	Swarm Intelligence Approach for Rational Global Approximation of Characteristic Curves for the Van der Waals Equation of State. <i>Lecture Notes in Computer Science</i> , 2020, , 604-616.	1.0	1
24	Swarm robotics “ a case study: bat robotics. , 2020, , 273-302.		5
25	On Rearranging Physical Spaces for Enhancing Social Distancing Measures to Combat the COVID-19 Infection Rates. , 2020, , .		1
26	dMFEA-II. , 2020, , .		3
27	Distributed Coordination of Heterogeneous Robotic Swarms Using Stochastic Diffusion Search. <i>Lecture Notes in Computer Science</i> , 2020, , 79-91.	1.0	0
28	An Optimisation Model for Designing Social Distancing Enhanced Physical Spaces. , 2020, , .		0
29	Adaptation of Sport Training Plans by Swarm Intelligence. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 56-67.	0.5	1
30	Return, Diversification and Risk in Cryptocurrency Portfolios using Deep Recurrent Neural Networks and Multi-Objective Evolutionary Algorithms. , 2019, , .		4
31	Cuckoo Search Algorithm for Border Reconstruction of Medical Images with Rational Curves. <i>Lecture Notes in Computer Science</i> , 2019, , 320-330.	1.0	5
32	Population-Based Metaheuristics for Planning Interval Training Sessions in Mountain Biking. <i>Lecture Notes in Computer Science</i> , 2019, , 70-79.	1.0	2
33	Combining bio-inspired meta-heuristics and novelty search for community detection over evolving graph streams. , 2019, , .		4
34	Discovering dependencies among mined association rules with population-based metaheuristics. , 2019, , .		5
35	Computing rational border curves of melanoma and other skin lesions from medical images with bat algorithm. , 2019, , .		2
36	Swarm Intelligence Approach for Parametric Learning of a Nonlinear River Flood Routing Model. <i>Communications in Computer and Information Science</i> , 2019, , 276-286.	0.4	0

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37	Parameter Estimation of a Nonlinear Hydrologic Model for Channel Flood Routing with the Bat Algorithm. Lecture Notes in Computer Science, 2019, , 341-351.	1.0	1
38	Cooperative game concepts in solving global optimization. , 2019, , .		1
39	Hybrid Modified Firefly Algorithm for Border Detection of Skin Lesions in Medical Imaging. , 2019, , .		8
40	Using Adaptive Novelty Search in Differential Evolution. Communications in Computer and Information Science, 2019, , 267-275.	0.4	0
41	Dynamic Partitioning of Evolving Graph Streams Using Nature-Inspired Heuristics. Lecture Notes in Computer Science, 2019, , 367-380.	1.0	1
42	Bat Algorithm for Kernel Computation in Fractal Image Reconstruction. Lecture Notes in Computer Science, 2019, , 381-394.	1.0	1
43	Firefly Algorithm Approach For Rational Bézier Border Reconstruction of Skin Lesions from Macroscopic Medical Images. , 2019, , .		1
44	Free-Form Parametric Fitting of Van der Waals Binodal and Spinodal Curves with Bat Algorithm. , 2019, , .		2
45	Applying Firefly Algorithm to Data Fitting for the Van der Waals Equation of State with Bézier Curves. , 2019, , .		3
46	Modelling and Simulation of Lily flowers using PDE Surfaces. , 2019, , .		1
47	Proteus-I: A Flexible and Adaptable Low-Cost General-Purpose Micro-Robot Prototype for Swarm Robotics. , 2019, , .		2
48	Evolutionary Behavioral Design of Non-Player Characters in a FPS Video Game Through Particle Swarm Optimization. , 2019, , .		3
49	Modified Bat Algorithm with Local Search for Fractal Image Compression of Bitmap Images. , 2019, , .		3
50	Novelty search for global optimization. Applied Mathematics and Computation, 2019, 347, 865-881.	1.4	37
51	Wind farm repowering guided by visual impact criteria. Renewable Energy, 2019, 135, 197-207.	4.3	19
52	Make robots be bats: specializing robotic swarms to the Bat algorithm. Swarm and Evolutionary Computation, 2019, 44, 113-129.	4.5	62
53	Immunological Approach for Full NURBS Reconstruction of Outline Curves from Noisy Data Points in Medical Imaging. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1929-1942.	1.9	11
54	Cuckoo Search Algorithm with Levy Flights for Global-Support Parametric Surface Approximation in Reverse Engineering. Symmetry, 2018, 10, 58.	1.1	25

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55	Multiresolution Discrete Finite Difference Masks for Rapid Solution Approximation of the Poisson Equation. , 2018, , .		4
56	Force-Based Evolutionary Computation Approach for Automatic Skeletal Motion Learning in Human Animation. , 2018, , .		0
57	Computational Intelligence CSA-based Approach for Machine-Driven Calculation of Outline Curves of Cutaneous Melanoma. , 2018, , .		3
58	Differential Evolution for Association Rule Mining Using Categorical and Numerical Attributes. Lecture Notes in Computer Science, 2018, , 79-88.	1.0	13
59	Bat Algorithm Swarm Robotics Approach for Dual Non-cooperative Search with Self-centered Mode. Lecture Notes in Computer Science, 2018, , 201-209.	1.0	5
60	Community Detection in Weighted Directed Networks Using Nature-Inspired Heuristics. Lecture Notes in Computer Science, 2018, , 325-335.	1.0	2
61	A General-Purpose Hardware Robotic Platform for Swarm Robotics. Studies in Computational Intelligence, 2018, , 259-271.	0.7	2
62	Automatic Fitting of Feature Points for Border Detection of Skin Lesions in Medical Images with Bat Algorithm. Studies in Computational Intelligence, 2018, , 357-368.	0.7	7
63	A Bio-inspired Approach for Collaborative Exploration with Mobile Battery Recharging in Swarm Robotics. Lecture Notes in Computer Science, 2018, , 75-87.	1.0	8
64	Modified Memetic Self-Adaptive Firefly Algorithm for 2D Fractal Image Reconstruction. , 2018, , .		5
65	Iterative sequential bat algorithm for free-form rational Bézier surface reconstruction. International Journal of Bio-Inspired Computation, 2018, 11, 1.	0.6	14
66	Framework for planning the training sessions in triathlon. , 2018, , .		4
67	Using Novelty Search in Differential Evolution. Communications in Computer and Information Science, 2018, , 534-542.	0.4	4
68	Evolutionary Flight-Driven Simulated Annealing for B-spline Curve Fitting. Studies in Computational Intelligence, 2018, , 149-169.	0.7	1
69	Iterative sequential bat algorithm for free-form rational Bézier surface reconstruction. International Journal of Bio-Inspired Computation, 2018, 11, 1.	0.6	0
70	Interplay of Two Bat Algorithm Robotic Swarms in Non-cooperative Target Point Search. Communications in Computer and Information Science, 2018, , 543-550.	0.4	1
71	Memetic electromagnetism algorithm for surface reconstruction with rational bivariate Bernstein basis functions. Natural Computing, 2017, 16, 511-525.	1.8	7
72	Multilayer embedded bat algorithm for B-spline curve reconstruction. Integrated Computer-Aided Engineering, 2017, 24, 385-399.	2.5	24

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73	Memetic Simulated Annealing for Data Approximation with Local-Support Curves. <i>Procedia Computer Science</i> , 2017, 108, 1364-1373.	1.2	2
74	Modeling preference time in middle distance triathlons. , 2017, , .		3
75	Cuckoo Search Algorithm Approach for the IFS Inverse Problem of 2D Binary Fractal Images. <i>Lecture Notes in Computer Science</i> , 2017, , 543-551.	1.0	1
76	Autonomous Coordinated Navigation of Virtual Swarm Bots in Dynamic Indoor Environments by Bat Algorithm. <i>Lecture Notes in Computer Science</i> , 2017, , 176-184.	1.0	9
77	Bat Algorithm for Coordinated Exploration in Swarm Robotics. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 134-144.	0.5	18
78	Computing Self-Similar Contractive Functions for the IFS Inverse Problem Through the Cuckoo Search Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 333-342.	0.5	2
79	KETpic-Matlab Toolbox for LaTeX High-Quality Graphical Artwork in Educational Materials on B�zier Curve Algorithms at a Master Level. <i>Lecture Notes in Computer Science</i> , 2017, , 301-316.	1.0	0
80	Swarm Intelligence Scheme for Pathfinding and Action Planning of Non-player Characters on a Last-Generation Video Game. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 343-353.	0.5	4
81	Simulated Annealing and Natural Neighbor for Rational B�zier Surface Reconstruction from Scattered Data Points. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 354-364.	0.5	1
82	Intelligent Behavioral Design of Non-player Characters in a FPS Video Game Through PSO. <i>Lecture Notes in Computer Science</i> , 2017, , 246-254.	1.0	1
83	New memetic self-adaptive firefly algorithm for continuous optimisation. <i>International Journal of Bio-Inspired Computation</i> , 2016, 8, 300.	0.6	44
84	Two Simulated Annealing Optimization Schemas for Rational B�zier Curve Fitting in the Presence of Noise. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-17.	0.6	6
85	Hybridizing mesh adaptive search algorithm and artificial immune systems for discrete rational B�zier curve approximation. <i>Visual Computer</i> , 2016, 32, 393-402.	2.5	10
86	Preface to the special issue on Cyberworlds 2014. <i>Visual Computer</i> , 2016, 32, 321-322.	2.5	0
87	Four Adaptive Memetic Bat Algorithm Schemes for B�zier Curve Parameterization. <i>Lecture Notes in Computer Science</i> , 2016, , 127-145.	1.0	5
88	Cuckoo search with Levy flights for reconstruction of outline curves of computer fonts with rational B�zier curves. , 2016, , .		9
89	Nature-Inspired Swarm Intelligence for Data Fitting in Reverse Engineering: Recent Advances and Future Trends. <i>Studies in Computational Intelligence</i> , 2016, , 151-175.	0.7	5
90	Particle-based meta-model for continuous breakpoint optimization in smooth local-support curve fitting. <i>Applied Mathematics and Computation</i> , 2016, 275, 195-212.	1.4	15

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91	Immunological Approach for Data Parameterization in Curve Fitting of Noisy Points with Smooth Local-Support Splines. Lecture Notes in Computer Science, 2016, , 105-115.	1.0	0
92	New memetic self-adaptive firefly algorithm for continuous optimisation. International Journal of Bio-Inspired Computation, 2016, 8, 300.	0.6	1
93	A Simulated Annealing Approach for Data Fitting with B�zier Surfaces. , 2015, , .		1
94	A bat algorithm for polynomial B�zier surface parameterization from clouds of irregularly sampled data points. , 2015, , .		4
95	Bat Algorithm for Curve Parameterization in Data Fitting with Polynomial B�zier Curves. , 2015, , .		15
96	Particle swarm optimization for automatic creation of complex graphic characters. Chaos, Solitons and Fractals, 2015, 73, 29-35.	2.5	25
97	Memetic Electromagnetism Algorithm for Finite Approximation with Rational B�zier Curves. Lecture Notes in Computer Science, 2015, , 30-40.	1.0	2
98	Memetic firefly algorithm for data fitting with rational curves. , 2015, , .		11
99	Elitist clonal selection algorithm for optimal choice of free knots in B-spline data fitting. Applied Soft Computing Journal, 2015, 26, 90-106.	4.1	70
100	Global-Support Rational Curve Method for Data Approximation with Bat Algorithm. IFIP Advances in Information and Communication Technology, 2015, , 191-205.	0.5	9
101	Cuckoo Search with L�vy Flights for Weighted Bayesian Energy Functional Optimization in Global-Support Curve Data Fitting. Scientific World Journal, The, 2014, 2014, 1-11.	0.8	30
102	Hybrid Functional-Neural Approach for Surface Reconstruction. Mathematical Problems in Engineering, 2014, 2014, 1-13.	0.6	21
103	Applying Clonal Selection Theory to Data Fitting with Rational B�zier Curves. , 2014, , .		3
104	Simulated Annealing Algorithm for Bezier Curve Approximation. , 2014, , .		15
105	Message from CW 2014 General Chair. , 2014, , .		0
106	Message from CW 2014 Organizing Committee Chairs. , 2014, , .		0
107	Message from CW 2014 Program Committee Chairs. , 2014, , .		0
108	Hybridization of Convergent Photogrammetry, Computer Vision, and Artificial Intelligence for Digital Documentation of Cultural Heritage - A Case Study: The Magdalena Palace. , 2014, , .		13

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109	Computing parallel curves on parametric surfaces. Applied Mathematical Modelling, 2014, 38, 2398-2413.	2.2	12
110	Computer Software Program for Representation and Visualization of Free-Form Curves through Bio-inspired Optimization Techniques. Lecture Notes in Computer Science, 2014, , 570-577.	1.0	1
111	Discrete B�zier Curve Fitting with Artificial Immune Systems. Studies in Computational Intelligence, 2013, , 59-75.	0.7	21
112	An Electromagnetism-Based Global Optimization Approach for Polynomial Bezier Curve Parameterization of Noisy Data Points. , 2013, , .		2
113	Automatic calculation of bicycle routes by combining meta-heuristics and GIS techniques within the framework of smart cities. , 2013, , .		8
114	Unravelling the Hidden Truth within Logical Statements: A Computer Tool. , 2013, , .		0
115	Firefly Algorithm for Bezier Curve Approximation. , 2013, , .		5
116	Immunological-based Approach for Accurate Fitting of 3D Noisy Data Points with B�zier Surfaces. Procedia Computer Science, 2013, 18, 50-59.	1.2	12
117	A new iterative mutually coupled hybrid GA�PSO approach for curve fitting in manufacturing. Applied Soft Computing Journal, 2013, 13, 1491-1504.	4.1	111
118	Firefly Algorithm for Polynomial B�zier Surface Parameterization. Journal of Applied Mathematics, 2013, 2013, 1-9.	0.4	35
119	Firefly Algorithm for Explicit B-Spline Curve Fitting to Data Points. Mathematical Problems in Engineering, 2013, 2013, 1-12.	0.6	50
120	TSCG 2013 Workshop Chairs, Committee Members, and Reviewers. , 2013, , .		0
121	Message from the CASA 2013 Workshop Chairs. , 2013, , .		0
122	From Nonlinear Optimization to Convex Optimization through Firefly Algorithm and Indirect Approach with Applications to CAD/CAM. Scientific World Journal, The, 2013, 2013, 1-10.	0.8	25
123	Tabu Search-Based Method for Bezier Curve Parameterization. International Journal of Software Engineering and Its Applications, 2013, 7, 283-296.	0.2	1
124	Iterative two-step genetic-algorithm-based method for efficient polynomial B-spline surface reconstruction. Information Sciences, 2012, 182, 56-76.	4.0	92
125	Particle swarm optimization for non-uniform rational B-spline surface reconstruction from clouds of 3D data points. Information Sciences, 2012, 192, 174-192.	4.0	123
126	Implementation and Deployment of Geographical Information System Services in the Municipality of Santander. , 2011, , .		3

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127	New Package in Maxima for Single-Valued Interval Computation on Real Numbers. , 2011, , .		0
128	ICCSA 2011 Welcome Message. , 2011, , .		0
129	CGVR 2011 Program Committee. , 2011, , .		0
130	Message from CGVR 2011 Workshop Chairs. , 2011, , .		0
131	Message from CASA 2011 Workshop Chairs. , 2011, , .		0
132	Efficient particle swarm optimization approach for data fitting with free knot $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si40.gif" display="inline" overflow="scroll" \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -splines. CAD Computer Aided Design, 2011, 43, 1683-1692.	1.4	110
133	Computational Analysis of a Power Distribution System with Petri Nets. Lecture Notes in Computer Science, 2010, , 85-98.	1.0	1
134	Videogames and Virtual Reality as Effective Edutainment Tools. Lecture Notes in Computer Science, 2010, , 564-576.	1.0	1
135	A New Framework for Intelligent Semantic Web Services Based on GAVAs. , 2010, , 38-62.		0
136	New Matlab-Based KETpic Plug-In for High-Quality Drawing of Curves. , 2009, , .		5
137	Use of ImplicitPlot in Drawing Surfaces Embedded into LATEX Documents. , 2009, , .		5
138	Matlab-Based Add-On for Generating and Rendering IFS Fractals. Communications in Computer and Information Science, 2009, , 334-341.	0.4	6
139	VIII International Workshop on Computer Graphics and Geometric Modeling - CGGM [™] 2009. Lecture Notes in Computer Science, 2009, , 757-758.	1.0	0
140	Software Verification and Validation of Graphical Web Services in Digital 3D Worlds. Communications in Computer and Information Science, 2009, , 293-300.	0.4	2
141	Symbolic Proof of Limits of $\hat{\hat{A}}$ Functions in Mathematica with Applications to Mathematics Education. , 2008, , .		0
142	Effective BD-Binding Edutainment Approach for Powering Students' Engagement at University through Videogames and VR Technology. , 2008, , .		3
143	Particle Swarm Optimization for $\hat{\hat{A}}$ zier Surface Reconstruction. Lecture Notes in Computer Science, 2008, , 116-125.	1.0	35
144	Curve Fitting with RBS Functional Networks. , 2008, , .		14

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145	Some Problems in Geometric Processing of Surfaces. , 2008, , 293-304.		1
146	An Introductory Computer Graphics Course in the Context of the European Space of Higher Education: A Curricular Approach. Lecture Notes in Computer Science, 2008, , 715-724.	1.0	3
147	VII International Workshop on Computer Graphics and Geometric Modeling â€™ CGGMâ€™2008. Lecture Notes in Computer Science, 2008, , 3-4.	1.0	0
148	A New Framework for Intelligent Semantic Web Services Based on GAIVAs. International Journal of Information Technology and Web Engineering, 2008, 3, 30-58.	1.2	6
149	Representation and Analysis of a Dynamical System with Petri Nets. , 2007, , .		2
150	Interactive 3D Graphics Applications Embedded in Web Pages. , 2007, , .		2
151	Symbolic Manipulation of Bspline Basis Functions with Mathematica. Lecture Notes in Computer Science, 2007, , 194-202.	1.0	1
152	Representation and Analysis of a Dynamical System with Petri Nets. , 2007, , .		0
153	BÃ©zier Curve and Surface Fitting of 3D Point Clouds Through Genetic Algorithms, Functional Networks and Least-Squares Approximation. , 2007, , 680-693.		54
154	Special section: Computer algebra systems and their applications, CASAâ€™2003â€™06: Selected papers. Future Generation Computer Systems, 2007, 23, 714-715.	4.9	1
155	Symbolic/numeric analysis of chaotic synchronization with a CAS. Future Generation Computer Systems, 2007, 23, 727-733.	4.9	7
156	AI Framework for Decision Modeling in Behavioral Animation of Virtual Avatars. Lecture Notes in Computer Science, 2007, , 89-96.	1.0	13
157	Symbolic Computation of Petri Nets. Lecture Notes in Computer Science, 2007, , 235-242.	1.0	2
158	Symbolic Analysis of Economical Models with Mathematica. Lecture Notes in Computer Science, 2006, , 414-421.	1.0	0
159	Extending Maple Capabilities for Solving and Displaying Inequalities. Lecture Notes in Computer Science, 2006, , 383-390.	1.0	1
160	Designing an Action Selection Engine for Behavioral Animation of Intelligent Virtual Agents. Lecture Notes in Computer Science, 2005, , 1157-1166.	1.0	5
161	Cryptographic Communications with Chaotic Semiconductor Lasers. , 2005, , 469-484.		0
162	Analyzing the Synchronization of Chaotic Dynamical Systems with Mathematica: Part II. Lecture Notes in Computer Science, 2005, , 482-491.	1.0	6

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163	A Mathematica Package for Computing and Visualizing the Gauss Map of Surfaces. Lecture Notes in Computer Science, 2005, , 492-501.	1.0	0
164	Some applications of scalar and vector fields to geometric processing of surfaces. Computers and Graphics, 2005, 29, 719-725.	1.4	12
165	Circle Inversion of Two-Dimensional Objects with Mathematica. Lecture Notes in Computer Science, 2005, , 547-555.	1.0	0
166	Computational Methods for Geometric Processing of Surfaces: Blending, Offsetting, Intersection, Implicitization. , 2005, , 69-80.		1
167	Revisiting Some Control Schemes for Chaotic Synchronization with Mathematica. Lecture Notes in Computer Science, 2005, , 651-658.	1.0	7
168	Numerical-Symbolic Matlab Toolbox for Computer Graphics and Differential Geometry. Lecture Notes in Computer Science, 2005, , 502-511.	1.0	2
169	New Goal Selection Scheme for Behavioral Animation of Intelligent Virtual Agents. IEICE Transactions on Information and Systems, 2005, E88-D, 865-871.	0.4	21
170	Helical Curves on Surfaces for Computer-Aided Geometric Design and Manufacturing. Lecture Notes in Computer Science, 2004, , 771-778.	1.0	18
171	Matlab Toolbox for a First Computer Graphics Course for Engineers. Lecture Notes in Computer Science, 2004, , 641-650.	1.0	3
172	Functional networks for B-spline surface reconstruction. Future Generation Computer Systems, 2004, 20, 1337-1353.	4.9	71
173	Computer graphics for water modeling and rendering: a survey. Future Generation Computer Systems, 2004, 20, 1355-1374.	4.9	32
174	Framework for Simulating the Human Behavior for Intelligent Virtual Agents. Part I: Framework Architecture. Lecture Notes in Computer Science, 2004, , 229-236.	1.0	5
175	A Mathematica Package for Solving and Displaying Inequalities. Lecture Notes in Computer Science, 2004, , 303-310.	1.0	2
176	Framework for Simulating the Human Behavior for Intelligent Virtual Agents. Part II: Behavioral System. Lecture Notes in Computer Science, 2004, , 237-244.	1.0	7
177	Binary Distillation Column Design Using Mathematica. Lecture Notes in Computer Science, 2003, , 848-857.	1.0	1
178	Animating Behavior of Virtual Agents: The Virtual Park. Lecture Notes in Computer Science, 2003, , 660-669.	1.0	3
179	A New Differential Approach for Parametric-Implicit Surface Intersection. Lecture Notes in Computer Science, 2003, , 897-906.	1.0	11
180	Designing a Distillation Column for Binary Mixtures. , 2003, , .		0

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181	A New Scheme Based on Semiconductor Lasers with Phase-Conjugate Feedback for Cryptographic Communications. Lecture Notes in Computer Science, 2002, , 135-144.	1.0	3
182	Polar Isodistance Curves on Parametric Surfaces. Lecture Notes in Computer Science, 2002, , 161-170.	1.0	3
183	Extending Neural Networks for B-Spline Surface Reconstruction. Lecture Notes in Computer Science, 2002, , 305-314.	1.0	42
184	How Symbolic Computation Can Benefit Computer-Aided Geometric Design. Lecture Notes in Computer Science, 2001, , 214-218.	1.0	0
185	Synchronizing chaotic systems with positive conditional Lyapunov exponents by using convex combinations of the drive and response systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 239, 174-180.	0.9	14
186	Mathematica package for analysis and control of chaos in nonlinear systems. Computers in Physics, 1998, 12, 608.	0.6	23
187	Some characterizations of families of surfaces using functional equations. ACM Transactions on Graphics, 1997, 16, 296-318.	4.9	38
188	A package for symbolic solution of real functional equations of real variables. Aequationes Mathematicae, 1997, 54, 181-198.	0.4	3
189	Chaos suppression through changes in the system variables and numerical rounding errors. Chaos, Solitons and Fractals, 1996, 7, 1305-1316.	2.5	10
190	SUPPRESSION OF CHAOS THROUGH CHANGES IN THE SYSTEM VARIABLES THROUGH POINCARÉ AND LORENZ RETURN MAPS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1996, 06, 1351-1362.	0.7	16
191	A MULTIFRACTAL ANALYSIS OF IFSP INVARIANT MEASURES WITH APPLICATION TO FRACTAL IMAGE GENERATION. Fractals, 1996, 04, 17-27.	1.8	23
192	Suppression of chaos through changes in the system variables: transient chaos and crises. Physica D: Nonlinear Phenomena, 1994, 79, 164-173.	1.3	6
193	Causal Network Models in Expert Systems. Computer-Aided Civil and Infrastructure Engineering, 1994, 9, 315-328.	6.3	4
194	Stabilization of periodic and quasiperiodic motion in chaotic systems through changes in the system variables. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 190, 429-433.	0.9	13
195	Logistic map driven by dichotomous noise. Physical Review E, 1993, 48, 2507-2513.	0.8	20
196	Applying functional networks to fit data points from B-spline surfaces. , 0, , .		14
197	A new based-on-artificial-intelligence framework for behavioral animation of virtual actors. , 0, , .		4
198	Intelligent Agents in Virtual Worlds. , 0, , .		16

#	ARTICLE	IF	CITATIONS
199	Interactive PDE patch-based surface modeling from vertex-frames. Engineering With Computers, 0, , .	3.5	0