

Sukanta Nayak

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

106
citations

1683934

5
h-index

1372474

10
g-index

26
all docs

26
docs citations

26
times ranked

22
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical solution of Langevin stochastic differential equation with uncertain parameters. , 2021, , 123-143.		1
2	Uncertain quantification of field variables involved in transient convection diffusion problems for imprecisely defined parameters. International Communications in Heat and Mass Transfer, 2020, 119, 104894.	2.9	6
3	Numerical Solution of Fuzzy Stochastic Volterra-Fredholm Integral Equation with Imprecisely Defined Parameters. Lecture Notes in Mechanical Engineering, 2020, , 107-117.	0.3	0
4	Single-variable nonlinear optimization. , 2020, , 71-102.		0
5	Introduction to optimization. , 2020, , 1-7.		0
6	Multivariable unconstrained nonlinear optimization. , 2020, , 103-134.		0
7	Nature-inspired optimization. , 2020, , 271-296.		1
8	Multivariable constrained nonlinear optimization. , 2020, , 135-170.		0
9	Stochastic differential equations with imprecisely defined parameters in market analysis. Soft Computing, 2019, 23, 7715-7724.	2.1	3
10	Preliminaries of MATLAB®. , 2018, , 19-33.		0
11	One-Dimensional Interval Finite Element. , 2018, , 35-45.		0
12	MATLAB® Code for One-Dimensional Interval Finite Element. , 2018, , 47-61.		0
13	Non-probabilistic solution of moving plate problem with uncertain parameters. Journal of Fuzzy Set Valued Analysis, 2018, 2018, 49-59.	0.2	2
14	Pseudo fuzzy set. Annals of Fuzzy Mathematics and Informatics, 2017, 14, 237-248.	0.7	0
15	Numerical solution of fuzzy stochastic differential equation. Journal of Intelligent and Fuzzy Systems, 2016, 31, 555-563.	0.8	5
16	Numerical Solution of Stochastic Point-Kinetics Neutron Equation with Fuzzy Parameters. Nuclear Technology, 2016, 193, 444-456.	0.7	10
17	Interval Wavelet Method for Solving Imprecisely Defined Diffusion Equations. Advances in Computational Intelligence and Robotics Book Series, 2016, , 457-472.	0.4	1
18	Fuzzy finite element analysis of multi-group neutron diffusion equation with imprecise parameters. International Journal of Nuclear Energy Science and Technology, 2015, 9, 1.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Numerical solution of uncertain neutron diffusion equation for imprecisely defined homogeneous triangular bare reactor. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2015, 40, 2095-2109.	0.8	10
20	Numerical Solution of two group uncertain neutron diffusion equation for multi region reactor. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014, 47, 525-529.	0.4	1
21	Fuzzy Finite Element Method in Diffusion Problems. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2014, , 309-328.	0.4	5
22	Non-probabilistic approach to investigate uncertain conjugate heat transfer in an imprecisely defined plate. <i>International Journal of Heat and Mass Transfer</i> , 2013, 67, 445-454.	2.5	38
23	Non probabilistic solution of uncertain neutron diffusion equation for imprecisely defined homogeneous bare reactor. <i>Annals of Nuclear Energy</i> , 2013, 62, 251-259.	0.9	19
24	Fuzzy and interval finite element method for heat conduction problem. <i>International Journal of Advances in Applied Sciences</i> , 2012, 1, .	0.2	0