Rapport de publications de : Nachaoui A

Année : Toutes les années

N°	Titre	Journal	Date	Type	Citations	Co-auteurs	SJR	H-index	Quartile	ISSN	DOI
1	A novel variable exponent PDE with dependency on $\gamma(u,\|\nabla u0,\sigma\|)$ for image despeckling application	Nonlinear Analysis Real World Applications	2025-06-01	Article	0	Nachaoui A.	1,168	106	Q1	14681218	10.1016/j.nonrwa.2024.104264
2	A New Fractional-Order Regularization for Speckle Image Denoising: Preserving Edges and Features	Circuits Systems and Signal Processing	2025-05-01	Article	1	Laghrib A.	0,387	68	Q3	0278081X, 15315878	10.1007/s00034-024-02981-y
3	A relaxed Robin-Robin algorithm for solving a Cauchy problem in linear elasticity	Journal of Applied Mathematics and Computing	2025-04-01	Article	0	Ellabib A.	0,749	49	Q2	15985865, 18652085	10.1007/s12190-024-02295-x
4	A HAAR WAVELETS-BASED DIRECT RECONSTRUCTION METHOD FOR THE CAUCHY PROBLEM OF THE POISSON EQUATION	Discrete and Continuous Dynamical Systems Series S	2025-01-01	Article	1	Rashid S.M.	0,514	43	Q2	19371632, 19371179	10.3934/dcdss.2023075
5	PREFACE TO THE SPECIAL ISSUE ON NEW TREND IN APPLIED MATHEMATICS ICNTAM 2022	Discrete and Continuous Dynamical Systems Series S	2025-01-01	Editorial	0	Jauberteau F.	0,514	43	Q2	19371632, 19371179	10.3934/dcdss.2024199
6	Enhanced osmosis model with bilateral total variation for effective shadow removal	Computers and Mathematics with Applications	2024-11-15	Article	1	Laghrib A.	0,951	159	Q1	08981221	10.1016/j.camwa.2024.08.014

7	On the representation of solution for the perturbed quasi-linear controlled neutral functional-differential equation with the discontinuous initial condition	Georgian Mathematical Journal	2024-10-01	Article	1	Nachaoui A.	0,453	32	Q2	1072947X, 15729176	10.1515/gmj-2023-2122
8	On the resolution of the non-smooth inverse Cauchy problem by the primal-dual method	Numerical Algorithms	2024-01-01	Article	0	Hadri A.	0,859	80	Q1	10171398, 15729265	10.1007/s1107 5-024-01950-5
9	An hybrid finite element method for a quasi-variational inequality modeling a semiconductor	RAIRO Operations Research	2023-09-15	Article	1	Nachaoui A.	0,437	39	Q3	12903868, 03990559	10.1051/ro/20 22187
10	An effective relaxed alternating procedure for Cauchy problem connected with Helmholtz Equation	Numerical Methods for Partial Differential Equations	2023-05-01	Article	10	Berdawood K.A.	0,842	75	Q1	10982426, 0749159X	10.1002/num.2 2793
11	AN ITERATIVE METHOD FOR CAUCHY PROBLEMS SUBJECT TO THE CONVECTION-DIFFUSION EQUATION	Advanced Mathematical Models and Applications	2023-01-01	Article	4	Nachaoui A.	0,310	10	Q3	25194445	-
12	Meshless Methods to Noninvasively Calculate Neurocortical Potentials from Potentials Measured at the Scalp Surface	Springer Proceedings in Mathematics and Statistics	2023-01-01	Conference Paper	3	Nachaoui A.	0,152	32	Q4	21941009, 21941017	10.1007/978-3-031-33069-8_7
13	An improved hybrid defuzzification method for fuzzy controllers	Statistics Optimization and Information Computing	2023-01-01	Article	3	Nachaoui M.	0,321	22	Q3	23105070, 2311004X	10.19139/soic-2310-5070-1706
14	PREFACE	Advanced Mathematical Models and Applications	2023-01-01	Editorial	0	Nachaoui A.	0,310	10	Q3	25194445	-

15	Solving Geometric Inverse Problems with a Polynomial Based Meshless Method	Springer Proceedings in Mathematics and Statistics	2023-01-01	Conference Paper	5	Nachaoui A.	0,152	32	Q4	21941009, 21941017	10.1007/978-3-031-33069-8_8
16	An accelerated alternating iterative algorithm for data completion problems connected with Helmholtz equation	Statistics Optimization and Information Computing	2023-01-01	Article	7	Berdawood K.A.	0,321	22	Q3	23105070, 2311004X	10.19139/soic-2310-5070-1702
17	A Mesh Free Wavelet Method to Solve the Cauchy Problem for the Helmholtz Equation	Springer Proceedings in Mathematics and Statistics	2023-01-01	Conference Paper	1	Nachaoui A.	0,152	32	Q4	21941009, 21941017	10.1007/978-3-031-33069-8_6
18	Convergence study and regularizing property of a modified Robin-Robin method for the Cauchy problem in linear elasticity	Inverse Problems	2022-07-01	Article	8	Ellabib A.	0,898	133	Q1	02665611	10.1088/1361-6420/ac70f3
19	On the numerical approximation of some inverse problems governed by nonlinear delay differential equation	RAIRO Operations Research	2022-05-01	Article	13	Nachaoui M.	0,437	39	Q3	12903868, 03990559	10.1051/ro/2022080
20	On Numerical Approaches for Solving an Inverse Cauchy Stokes Problem	Applied Mathematics and Optimization	2022-02-01	Article	10	Ouaissa H.	0,957	57	Q1	00954616, 14320606	10.1007/s00245-022-09833-8
21	POLYNOMIAL APPROXIMATION OF AN INVERSE CAUCHY PROBLEM FOR HELMHOLTZ TYPE EQUATIONS	Advanced Mathematical Models and Applications	2022-01-01	Article	8	Aboud F.	0,310	10	Q3	25194445	-

22	AN EFFICIENT D-N ALTERNATING ALGORITHM FOR SOLVING AN INVERSE PROBLEM FOR HELMHOLTZ EQUATION	Discrete and Continuous Dynamical Systems Series S	2022-01-01	Article	11	Berdawood K.	0,514	43	Q2	19371632, 19371179	10.3934/dcdss.2021013
23	Mathematical analysis and simulation of fixed point formulation of Cauchy problem in linear elasticity	Mathematics and Computers in Simulation	2021-09-01	Article	18	Ellabib A.	1,040	96	Q1	03784754	10.1016/j.matcom.2021.02.020
24	On the approximation of a Cauchy problem in a non-homogeneous medium	Journal of Physics Conference Series	2021-01-18	Conference Paper	13	Aboud F.	0,187	110	-	17426588, 17426596	10.1088/1742-6596/1743/1/012003
25	Study of the stability for Drug Delivery Models	Journal of Physics Conference Series	2021-01-18	Conference Paper	1	Salih H.W.	0,187	110	-	17426588, 17426596	10.1088/1742-6596/1743/1/012019
26	Numerical simulation of a nonlinear problem modeling the cooling of a metal	Journal of Physics Conference Series	2021-01-18	Conference Paper	2	Aboud F.	0,187	110	-	17426588, 17426596	10.1088/1742-6596/1743/1/012038
27	On the stability of a mathematical model for hiv(Aids) dynamics	Mathematical Modeling and Computing	2021-01-01	Article	0	Salih H.W.	0,309	12	Q3	23129794, 24153788	10.23939/mmc2021.04.783
28	Acceleration of the KMF Algorithm Convergence to Solve the Cauchy Problem for Poisson's Equation	Springer Proceedings in Mathematics and Statistics	2021-01-01	Conference Paper	7	Nachaoui A.	0,152	32	Q4	21941009, 21941017	10.1007/978-3-030-83442-5_4
29	Preface	Springer Proceedings in Mathematics and Statistics	2021-01-01	Editorial	0	Nachaoui A.	0,152	32	Q4	21941009, 21941017	-
30	An analytical solution for the nonlinear inverse cauchy problem	Advanced Mathematical Models and Applications	2021-01-01	Article	10	Nachaoui A.	0,310	10	Q3	25194445	-

31	Regularized and preconditioned conjugate gradient like-methods methods for polynomial approximation of an inverse cauchy problem	Advanced Mathematical Models and Applications	2021-01-01	Article	20	Rasheed S.M.	0,310	10	Q3	25194445	-
32	On a numerical shape optimization approach for a class of free boundary problems	Computational Optimization and Applications	2020-11-01	Article	11	Boulkhemair A.	0,952	91	Q1	15732894, 09266003	10.1007/s10589-020-00212-z
33	The local representation formula of solution for the perturbed controlled differential equation with delay and discontinuous initial condition	Mathematics	2020-10-01	Article	4	Nachaoui A.	0,498	84	Q2	22277390	10.3390/math8101845
34	Multiscale computational method for nonlinear heat transmission problem in periodic porous media	Applied Numerical Mathematics	2020-04-01	Article	4	Chakib A.	0,941	91	Q1	01689274	10.1016/j.apnum.2019.09.015
35	Effects of the initial moment and several delays perturbations in the variation formulas for a solution of a functional differential equation with the continuous initial condition	Georgian Mathematical Journal	2020-03-01	Article	1	Dvalishvili P.	0,453	32	Q2	1072947X, 15729176	10.1515/gmj-2019-2050
36	SINGLE-RANK QUASI-NEWTON METHODS FOR THE SOLUTION OF NONLINEAR SEMICONDUCTOR EQUATIONS	Advanced Mathematical Models and Applications	2020-01-01	Article	7	Aboud F.	0,310	10	Q3	25194445	-

37	AN EFFICIENT EVOLUTIONARY ALGORITHM FOR A SHAPE OPTIMIZATION PROBLEM	Applied and Computational Mathematics	2020-01-01	Article	14	Nachaoui M.	0,786	28	Q2	16833511	-
38	Some novel numerical techniques for an inverse Cauchy problem	Journal of Computational and Applied Mathematics	2020-01-01	Article	31	Nachaoui A.	0,688	149	Q2	03770427	10.1016/j.cam.2020.113030
39	Adaptive mesh techniques based on a posteriori error estimates for an inverse Cauchy problem	Applied Mathematics and Computation	2019-04-01	Article	25	Bergam A.	0,890	182	Q1	18735649, 00963003	10.1016/j.amc.2018.09.069
40	On a fixed point study of an inverse problem governed by Stokes equation	Inverse Problems	2019-01-01	Article	18	Chakib A.	0,898	133	Q1	02665611	10.1088/1361-6420/aaedce
41	Homogenization of parabolic problem with nonlinear transmission condition	Nonlinear Analysis Real World Applications	2017-10-01	Article	1	Chakib A.	1,168	106	Q1	14681218	10.1016/j.nonrwa.2017.03.004
42	On the well-posedness of the cauchy problem for a class of differential equations with distributed delay and the continuous initial condition	Proceedings of the Institute of Mathematics and Mechanics	2017-01-01	Article	8	Dvalishvili P.	0,379	12	Q2	24094994, 24094986	-
43	Existence analysis of an optimal shape design problem with non coercive state equation	Nonlinear Analysis Real World Applications	2016-04-01	Article	7	Chakib A.	1,168	106	Q1	14681218	10.1016/j.nonrwa.2015.09.009
44	A domain decomposition method for boundary element approximations of the elasticity equations	Annals of the University of Craiova Mathematics and Computer Science Series	2015-01-01	Article	0	Ellabib A.	0,271	16	Q3	22469958, 12236934	-

45	Homogenization of parabolic nonlinear coupled problem in heat exchange	Annals of the University of Craiova Mathematics and Computer Science Series	2015-01-01	Article	2	Chakib A.	0,271	16	Q3	22469958, 12236934	-
46	On a numerical approximation of a highly nonlinear parabolic inverse problem in hydrology	Annals of the University of Craiova Mathematics and Computer Science Series	2015-01-01	Article	7	Chakib A.	0,271	16	Q3	22469958, 12236934	-
47	Approximation and numerical realization of an optimal design welding problem	Numerical Methods for Partial Differential Equations	2013-09-01	Article	7	Chakib A.	0,842	75	Q1	10982426, 0749159X	10.1002/num.21767
48	A shape optimization approach for a class of free boundary problems of Bernoulli type	Applications of Mathematics	2013-04-01	Article	17	Boulkhemair A.	0,293	33	Q3	08627940	10.1007/s10492-013-0010-x
49	A shape optimization formulation of weld pool determination	Applied Mathematics Letters	2012-01-01	Article	12	Chakib A.	0,987	116	Q1	18735452, 08939659	10.1016/j.aml.2011.09.017
50	Non-linear eigenvalue problems for p-Laplacian with variable domain	Optimization Letters	2010-01-01	Article	17	Gasimov Y.	0,660	55	Q2	18624472, 18624480	10.1007/s11590-009-0143-8
51	An iterative approach to the solution of an inverse problem in linear elasticity	Mathematics and Computers in Simulation	2008-03-07	Article	27	Ellabib A.	1,040	96	Q1	03784754	10.1016/j.matcom.2007.08.014
52	A multi-scale quasi-static method for the neutronic kinetics	International Conference on the Physics of Reactors 2008 Physor 08	2008-01-01	Conference Paper	1	Chauveta S.	18,080	399	Q1	00346861, 15390756	-
53	Uniform trace theorem and application to shape optimization	Applied and Computational Mathematics	2008-01-01	Article	12	Boulkhemair A.	0,786	28	Q2	16833511	-

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54	A multi-scale approach for the neutronic kinetics equations using the mixed dual solver minos	Joint International Topical Meeting on Mathematics and Computations and Supercomputing in Nuclear Applications M and C Sna 2007	2007-01-01	Conference Paper	2	Chauvet S.	-	-	-	-	-
55	Convergence analysis for finite element approximation to an inverse Cauchy problem	Inverse Problems	2006-08-01	Article	70	Chakib A.	0,898	133	Q1	02665611	10.1088/0266-5611/22/4/005
56	Simulation of a free boundary problem using boundary element method and restarted re-analysis technique	Applied Mathematics and Computation	2006-06-15	Article	3	Chakib A.	0,890	182	Q1	18735649, 00963003	10.1016/j.amc.2005.11.040
57	A decoupled algorithm for a drift-diffusion model	Mathematical Methods in the Applied Sciences	2005-07-25	Article	0	Abouchabaka J.	0,630	87	Q1	10991476, 01704214	10.1002/mma.613
58	Nonlinear programming approach for a transient free boundary flow problem	Applied Mathematics and Computation	2005-01-14	Article	10	Chakib A.	0,890	182	Q1	18735649, 00963003	10.1016/j.amc.2003.08.101
59	Parallel solvers for the depletion region identification in metal semiconductor field effect transistors	Numerical Algorithms	2005-01-01	Conference Paper	5	Nachaoui A.	0,859	80	Q1	10171398, 15729265	10.1007/s11075-005-1531-5
60	Numerical method for solving a class of nonlinear elliptic inverse problems	Journal of Computational and Applied Mathematics	2004-01-01	Article	29	Essaouini M.	0,688	149	Q2	03770427	10.1016/j.cam.2003.08.011
61	Numerical linear algebra for reconstruction inverse problems	Journal of Computational and Applied Mathematics	2004-01-01	Article	26	Nachaoui A.	0,688	149	Q2	03770427	10.1016/j.cam.2003.08.009

62	Reconstruction of boundary data for a class of nonlinear inverse problems	Journal of Inverse and Ill Posed Problems	2004-01-01	Article	15	Essaouini M.	0,513	39	Q2	09280219, 15693945	10.1163/1569394042248238
63	Reconstruction of boundary data for a class of nonlinear inverse problems	Journal of Inverse and Ill Posed Problems	2004-01-01	Article	0	Essaouini M.	0,513	39	Q2	09280219, 15693945	10.1515/1569394042248238
64	An improved implementation of an iterative method in boundary identification problems	Numerical Algorithms	2003-01-01	Conference Paper	23	Nachaoui A.	0,859	80	Q1	10171398, 15729265	10.1023/A:1025596912674
65	A numerical study of filtration problem in inhomogeneous dam with discontinuous permeability	Applied Numerical Mathematics	2003-01-01	Article	8	Chakib A.	0,941	91	Q1	01689274	10.1016/S0168-9274(02)00193-9
66	Study of a numerical approach for a transient flow problem in porous media	Numerical Algorithms	2003-01-01	Article	0	Chakib A.	0,859	80	Q1	10171398, 15729265	10.1023/B:NUMA.0000005403.59451.61
67	An optimal shape design formulation for inhomogeneous dam problems	Mathematical Methods in the Applied Sciences	2002-01-01	Article	7	Chakib A.	0,630	87	Q1	10991476, 01704214	10.1002/mma.295
68	Convergence of an alternating method to solve the cauchy problem for poisson's equation	International Journal of Phytoremediation	2002-01-01	Article	47	Jourhmane M.	0,656	110	Q1	15497879, 15226514	10.1080/000368102100002981 9
69	Existence de solutions pour le modèle dérive-diffusion avec terme d'avalanche	Comptes Rendus De L Academie Des Sciences Series I Mathematics	2001-02-15	Article	1	Ellabib A.	0,154	23	Q3	13101331	10.1016/S0764-4442(00)01806-1
70	Shape optimization for a simulation of a semiconductor problem	Mathematics and Computers in Simulation	2001-01-01	Article	5	Abouchabaka J.	1,040	96	Q1	03784754	10.1016/S0378-4754(00)00195-6
71	On the numerical solution of a free boundary identification problem	Inverse Problems in Engineering	2001-01-01	Article	11	Ellabib A.	0,315	39	Q2	17415985, 17415977	10.1080/174159701088027764

72	The study of a drift-diffusion model	Proceedings of the International Conference on Microelectronics Icm	2001-01-01	Conference Paper	0	Abouchabaka J.		1	-	23327014	10.1109/ICM.2001.997485
73	An optimal shape design approach for the transient flow in the dam problem	Comptes Rendus De L Academie Des Sciences Series I Mathematics	2000-12-15	Article	2	Chakib A.	0,154	23	Q3	13101331	10.1016/s0764-4442(00)01748-1
74	Study of a shape optimization problem	Comptes Rendus De L Academie Des Sciences Series I Mathematics	2000-01-01	Article	0	Abouchabaka J.	0,154	23	Q3	13101331	10.1016/s0764-4442(00)88139-2
75	A new formulation of the inhomogeneous dam problem	Comptes Rendus De L Academie Des Sciences Series I Mathematics	1999-11-15	Article	3	Chakib A.	0,154	23	Q3	13101331	10.1016/s0764-4442(00)87502-3
76	An alternating method for an inverse Cauchy problem	Numerical Algorithms	1999-01-01	Article	63	Jourhmane M.	0,859	80	Q1	10171398, 15729265	10.1023/a:1019134102565
77	Iterative solution of the drift-diffusion equations	Numerical Algorithms	1999-01-01	Article	12	Nachaoui A.	0,859	80	Q1	10171398, 15729265	10.1023/a:1019165614860
78	Quasi-variational inequality and shape optimization for solution of a free boundary problem	COMPEL the International Journal for Computation and Mathematics in Electrical and Electronic Engineering	1999-01-01	Article	10	Abouchabaka J.	0,324	37	Q3	03321649	10.1108/03321649910264154
79	Sufficient conditions for converging drift-diffusion discrete systems. Application to the finite element method	Mathematical Methods in the Applied Sciences	1996-01-10	Article	7	Nachaoui A.	0,630	87	Q1	10991476, 01704214	10.1002/(SICI)1099-1476(19960110)19:1<33::AID-MMA759>3.0.CO;2-H

| 80 | On the uniqueness of the solution to the drift-diffusion model in semiconductor analysis | COMPEL the International Journal for Computation and Mathematics in Electrical and Electronic Engineering | 1992-03-01 | Review | 4 | Nachaoui A. | 0,324 | 37 | Q3 | 03321649 | 10.1108/eb010099 |