

Liste des productions scientifiques (publications, communications, ...)

Année 2023

Etablissement Universitaire: Université 8 Mai 1945 de Guelma
 Faculté: Mathématiques, Informatique et Sciences de la Matière
 Département: Mathématiques

Productions Scientifiques 2023								
Publications								
	Titre	Auteurs	Revue	Année	Catégorie	Volume	Page	URL
Publications internationales	3/8 Simpson type inequalities for functions whose modulus of first derivatives and its q -th powers are s -convex in second sense	N.Laribi, B.Meftah,	Jordon jornal of mathematics and statistics (JJMS)	2023	B	16	79-98	https://doi.org/10.47013/16.1.6
	Well-posedness results for nonlinear fractional diffusion equation with memory quantity	N.H. Tuan, A.T. Nguyen, A. Debbouche, V. Antonov	Discrete and Continuous Dynamical Systems - Series S	2023	A	16	2815-2838	https://www.aims.org//article/doi/10.3934/dcdss.2023038
	Integrated Resolving Functions for Equations with Gerasimov-Caputo Derivatives	V. Fedorov, A.S. Skorynin, A. Debbouche	Symmetry	2023	A	15	1393	https://www.mdpi.com/2073-8994/15/7/1393

Publications internationales	Approximate Controllability of Delayed Fractional Stochastic Differential Systems with Mixed Noise and Impulsive Effects	N. Hakkar, A. Debbouche, R. Dhayal, D.F.M. Torres	Fractal and Fractional	2023	A	7	104	https://www.mdpi.com/2504-3110/7/2/104
	Controllability Criteria for Nonlinear Impulsive Fractional Differential Systems with Distributed Delays in Controls	A. Debbouche, B.S. Vadivoo, V. Fedorov, V. Antonov	Mathematical and Computational Applications	2023	A	28	13	https://www.mdpi.com/2297-8747/28/1/13
	Numerical simulation for generalized space-time fractional Klein-Gordon equations via Gegenbauer wavelet	M. Faheem, M. Malik, A. Khan, A. Debbouche	International Journal of Nonlinear Sciences and Numerical Simulation	2023	A	24	2529-2551	https://www.degruyter.com/journal/key/ijnsns/24/7/html
	Stability analysis of spatiotemporal reaction-diffusion mathematical model incorporating the varicella virus transmission	L. Shangerganesh, S. Hariharan, A. Debbouche, V. Antonov	European Physical Journal Plus	2023	A	138	1123	https://link.springer.com/article/10.1140/epjp/s13360-023-04777-6

Numerical solution of the two-dimensional first kind Fredholm integral equations using a regularized collocation method	Nadjib Boussetila, Tahar Bechouat,	Computational and Applied Mathematics	2023	A	Volume 42, article number 267, (2023)		https://link.springer.com/article/10.1007/s40314-023-02403-w
DETECTION OF SOURCE TERM IN AN ABSTRACT FRACTIONAL SUBDIVISION MODEL BY THE MODIFIED QUASI-BOUNDARY VALUE METHOD WITH A PRIORI AND A POSTERIORI ESTIMATE	Boussetila N., Meziani MSE., Djemoui S.,	EURASIAN JOURNAL OF MATHEMATICAL AND COMPUTER APPLICATIONS	2023	B	Volume 11, Issue 1 (2023) 98-123		https://ejmca.enu.kz/archive/
On the Nonhomogeneous Kirchhoff-type Problems	Narimane Aissaoui	Mediterranean Journal of Mathematics	2023	A	20	144	https://link.springer.com/article/10.1007/s00009-022-02247-4
On a sequence of Caputo fractional differential equations with an integral condition	A. Frioui, A. Bragdi, A. Guezane-Lakoud	Nonlinear studies	2023	B			www.nonlinearstudies.com
Fractional Weighted Midpoint Type Inequalities for s -Convex Functions	Aissaoui, Bouhali, Meftah, Frioui, Nasri,	Symmetry	2023	A			https://doi.org/10.3390/sym15030612

Publications internationales	AN ITERATIVE METHOD FOR THIRD-ORDER BOUNDARY VALUE PROBLEMS	Bendjazia, Guezane, Frioui,	Advances in Mathematics: Scientific Journal	2023	B			DOI: https://doi.org/10.37418/amsj.11.12.5
	Some new fractional Hadamard type inequalities for functions with coordinated extended s,m prequasiinvex mixed partial derivatives	Kilicman, Lakhdari, Frioui, Saleh, Meftah	Alexandria Engineering Journal	2023	B			www.elsevier.com/locate/aej www.sciencedirect.com
	Fractional Weighted Midpoint Type Inequalities for s -Convex Functions	Aissaoui, Bouhali, Frioui, Nasri, Meftah	Semmetry	2023	A			https://doi.org/10.3390/sym15030612
	Fractional Simpson-like Inequalities with Parameter for Differential s -tgs-Convex Functions.	M. Bouye, M. Merad, A. Moumen B. Meftah, H. Boulares,	Fractal Fract	2023	A	7	772	https://www.mdpi.com/2504-3110/7/11/772
	Fractional Maclaurin-Type Inequalities for Multiplicatively Convex Functions	A. Moumen M. Merad, B. Meftah, M. Bouye	Fractal Fract	2023	A	7	879	https://www.mdpi.com/2504-3110/7/12/879

Publications internationales	On GARCH Models and Applications: Foreign Exchange Rate Volatility and a Price Index	Abdelali Ezzebsa, Sihem Nedjar, Halim Zeghdoudi	Thailand Statistician	2023	B	21	812-823	https://ph02.tci-thaijo.org/index.php/thaistat/article/view/251061
	AN EFFICIENT MULTI PARAMETRIC KERNEL FUNCTION FOR LARGE AND SMALL-UPDATE METHODS INTERIOR POINT ALGORITHM FOR $P^*(\kappa)$ - HORIZONTAL LINEAR COMPLEMENTARITY PROBLEM	Moussaab Bouafia Adnan Yassine	RAIRO-Oper. Res.	2023	A	57	1599-16 16	https://doi.org/10.1051/ro/2023094
	EXTENSION OF PRIMAL-DUAL INTERIOR POINT METHOD BASED ON A KERNEL FUNCTION FOR LINEAR FRACTIONAL PROBLEM	Moussaab Bouafia Adnan Yassine	JOURNAL OF NUMERICAL ANALYSIS AND APPROXIMATION THEORY	2023	B	52 (2)	162-171	doi.org/10.33993/jnaat522-1349
	Complexity analysis of interior-point methods yielding the best known iteration bound for semidefinite optimization	Derbal Louiza, Kebbiche Zakia, Bouafia Mousaab	Int. J. Nonlinear Anal. Appl.	2023	B	14	287-301	http://dx.doi.org/10.22075/ijnaa.2023.29339.4132
	Galerkin method applied to $p(\cdot)$ -Bi-Laplace equation with variable exponent,	Melouka Dehimi Abderrezak Chaoui	in Memoirs on Diff. Eq. And Math. Physics	2023	B	2023	1-11	

Publications internationales	Galerkin mixed finite element method for parabolic p -biharmonic equation with memory term	Abderrezak Chaoui Manal Djaghout	SeMa Journal	2023	B	2023		https://doi.org/10.1007/s40324-023-00337-1
	On the solution of evolution p (\cdot)-Bilaplace equation with variable exponent	Abderrezak Chaoui Manal Djaghout	Bol. Soc. Paran. Mat	2023	B	2023	1-10	doi:10.5269/bspm.62640
	On Solutions of Fractional Integrodifferential Systems Involving Ψ -Caputo Derivative and Ψ -Riemann-Liouville Fractional Integral	Abdelkader Moumen Khairredine Fernane Hamid Boulares Hicham Saber Mhamed Benaissa Jehad Alzabut Tariq Alraquad	MDPI Mathematics	2023	A	11	10	https://www.mdpi.com/2227-7390/11/6/1465/pdf
	Existence Solutions For Sequential ψ -Caputo Fractional Differential Equations	Khairredine Fernane Hamid Boulares	General Letters in Mathematics	2023	B	13	49-57	https://www.refaad.com/Journal/Article/1468

Productions Scientifiques 2023

Communications

	Titre	Auteurs	Intitulé de manifestation	Année	Proceeding de la conférence indexé dans Scopus (oui /non)	Volume	Page	URL
Communications nationales	The Wolf essential spectrum of bounded operator on Exotic Banach Spaces	R.DEBBAR	The Second Online National Conference on Pure and Applied Mathematics "CNMPA 2023"	2023	non			
Communications internationales	REMARKS ON CLASSICAL AND FRACTIONAL ILL-POSED PROBLEMS IN THE EVOLUTION AND STATIONARY MODELS	Boussetila Nadjib	The second International Workshop of Applied Mathematics:2ND-IWAM 2023 (Constantine, Algeria)					
	The mappings spectra and Wolf essential spectra on Exotic Banach Spaces	R.DEBBAR	ICMS 23 the first Conference on Mathematical sciences and applications, université de Guelma	2023	non			https://sites.google.com/view/icmsa2023/participants-list
	SOME SPECTRAL PROPERTIES OF LINEAR OPERATORS ON HI AND QHI BANACH SPACES	R.DEBBAR	The Second International Workshop on Applied Mathematics (2nd - IWAM'2023,).	2023	non			https://sites.google.com/view/2nd-iwam2023/home

Communications internationales	Exotic Banach Spaces and Some Spectral Properties	R.DEBBAR	7th International Workshop for Applied Mathematics and Modeling WIMAM' 2023"	2023	non			https://lmam.univ-guelma.dz/fr/content/wimam-2023
	3/8 Simpson type inequalities for functions whose modulus of first derivatives and its q-th powers are s-convex in second sense	N.Laribi	ICMS 23 the first Conference on Mathematical sciences and applications, université de Guelma	2023	non			
	Cancer Dynamic Systems: Mathematical Modelling for noninfectious diseases	A. Debbouche	International Conference on Nonlinear Science and Complexity	2023	/	/	/	https://ntmsci.com/Conferences/ICNSC2023/PaperPublications
	The modified Quasi-Boundary-Value method for an ill-posed generalized elliptic problem	Boussetila Nadjib	7th International Conference of Mathematical Sciences July 05-09, 2023 (Maltepe University, Turkey)	2023				
	Positive solutions for Kirchhoff equation with perturbed external source	Narimane Aissaoui Wei long	The first International Conference on Mathematical Sciences and Applications	2023	non- indexé	/	/	/

Communications internationales	On the Nonhomogeneous Kirchoff-type Problems	Narimane Aissaoui	International Conference on Operator Theory	2023	non- indexé	/	/	/
	Positive solutions of Caputo-fractional differential equations	Frioui Assia	first International Conference on Mathematical Sciences and Applications May 2-3, 2023.	2023				
	New fractional Ostrowski type inequalities	Fatima Aissaoui	first International Conference on Mathematical Sciences and Applications May 2-3, 2023.	2023				
	Generalized Newton-cotes inequalities involving three points via the Riemann-Liouville integral operator	Merad meriem	the first International Conference on Mathematical Sciences and Applications May 2-3, 2023.	2023	non			

Communications internationales	Ordre Stochastique et comparaison des risques d'assurances	EZZEBSA Abdelali	ICMS 23 the first Conference on Mathematical sciences and applications, université de Guelma	2023				https://sites.google.com/view/icmsa2023/participants-list
	1- On the study of some p-biharmonic problems,	Abderrezak Chaoui	1, 7th International Workshop on Applied Mathematics and Modeling (WIMAM' 2023)	2023		December 13-14, 2023, University 8 Mai 45- Guelma, Algeria		
	Numerical solution of Volterra integro-differential equations based on Legendre polynomials	Khairredine Fernane	2ND-IWAM 2023	2023				https://sites.google.com/view/2nd-iwam2023/home
	Numerical solution of the general Volterra Nth-order integro-differential equations via variationnelle iteration method	Khairredine Fernane	2ND-IWAM 2023	2023				https://sites.google.com/view/2nd-iwam2023/home

Communications internationales	Numerical solution of Volterra integro-differentiel by Variationnelle methode with the Chebyshev and Legendre polynomail	Khaireddine Fernane	ICM S 2023	2023				https://www.maltepe.edu.tr/icms23
	Spectral methods for Volterra integro-differentiel equations	Khaireddine Fernane	ICM S 2023	2023				https://www.maltepe.edu.tr/icms23
	Aspectral methode to solve an integro-differentiel equations o an unbounded domain	Khaireddine Fernane	The first international conference on mathematical sciences and Applications	2023				https://sites.google.com/view/icmsa2023/
	Theoretical and numerical studies for p-biharmonic evolution equation	Abderrezak Chaoui	7th International Conference of Mathematical Sciences (ICMS 2023),	2023		5-9 July 2023, Maltepe University Istanbul, Turkey.		