

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

Année 2024

Etablissement Universitaire: Université 8 Mai 1945 de Guelma

Faculté: Mathématique, Informatique et Sciences de la Matière

Laboratoire: Mathématiques Appliquées et de Modélisation "LMAM"

	Productions Scientifiques 2024							
	Publications							
	Titre	Auteurs	Revue	Année	Catégorie de la revue: A+ , A , B-Scopus, B-non Scopus, C, non classée	Volume	Page	URL
Publications internationales	On Localization of Spectrum of an Integro-Differential Convection-Diffusion-Reaction Operator	O Bahi A Khellaf H Guebbai	Nonlinear Dynamics & Systems Theory	2024	B	24	431-441	https://openurl.ebsco.com/EPDB%3Aqcd%3A1%3A6082497/detailv2?sid=ebso%3Aplink%3Ascholar&id=ebso%3Aqcd
	Quantum simpson like type inequalities for q -differentiable convex functions	Badreddine Meftah Abdourazek Souahi Meriem Merad	The Journal of Analysis	2024	B		janv-35	https://link.springer.com/article/10.1007/s41478-024-00764-x
	About a New Nonlinear Integro-Differential Equation of Volterra-Strum-Liouville Type with a Weakly Singular Kernel	Djaafer Mezhoud Meryem Benssaad Samir Lemita Ammar Khellaf	Bol. Soc. Paran. Mat.	2024	scopus classe B	(3s.) v. (42)	janv-13	doi:10.5269/bspm.63648
	On level sets of norm of generalized resolvent of operators pencils	Mohammed Abderrazak Mansouri Ammar Khellaf Hamza Guebbai	УФИМСКИЙ математический журнал	2024		16	130-138	https://cyberleninka.ru/article/n/on-level-sets-of-norm-of-generalized-resolvent-of-

Publications internationales	On the Convergence of Generalized Pseudo-Spectrum	MA Mansouri Ammar Khellaf Hamza Guebbai	Matematicheskie Zametki	2024		115	973-982	https://www.mathnet.ru/php/archive.phtml?wshow=paper&jrnid=mzm&paper
	Sobolev- Type Nonlinear (k, ψ) -Hilfer Fractional Differential Equations With Control: Approximate Controllability Exploration	Kerboua Mourad Bouacida Ichrak	Journal of Computational and Nonlinear Dynamics	2024	A	19	11	https://doi.org/10.1115/1.4066220
	Sobolev Type Neutral Integro-Differential Systems Involving (k, ψ) -Hilfer Fractional Derivative and Nonlocal Conditions:	Kerboua Mourad Bouacida Ichrak	Journal of Mathematical Sciences	2024	B	/	/	https://doi.org/10.1007/s10958-024-07203-z
	2-point right Radau inequalities for differentiable s -convex functions	REBIAI Ghania MEFTAH Badereddine	Journal of Interdisciplinary Mathematics	2024	B-Scopus	27	1243-1255	https://doi.org/10.47974/JIM-1741
	Corrected Euler-Maclaurin type inequalities for differentiable s -convex functions	Saliha Djenaoui B. Meftah	Konuralp Journal of Mathematics	2024	C		12	https://dergipark.org.tr/en/pub/konuralpjournalmath
	ON THE STUDY OF HYPERBOLIC $P(.)$ -BI-LAPLACE EQUATION WITH VARIABLE EXPONENT	Abderrazak Chaoui	Dynamics of Continuous, Discrete and Impulsive Systems	2024	A	31		https://www.watsci.org/
	On the solution of evolution p -Laplace equation	Khalfallaoui Roumaissa Abderrazek Chaoui Djaghout Manal	Journal of Elliptic and Parabolic Equations	2024	A	10	1063-1077	https://link.springer.com/article/10.1007/s41808-024-00290-8#data-availability

Publications internationales	Strong Stability for a Viscoelastic Transmission Problem under a Nonlocal Boundary Control	Nouredine Touati Brahim Abderrahmane Beniani Abderrazak Chaoui Zayd Hajjej Perikles Papadopoulos Khaled Zennir	axioms	2024	A			https://www.mdpi.com/journal/axioms
	On the study of parabolic degenerate p-biharmonic problem with memory	Nouredine Touati Brahim Abderrezak Chaoui Youcef Henka	Journal of Applied Mathematics and Computing	2024	A			https://link.springer.com/journal/12190
	Analytical and Numerical Investigation of Fractional Delay Differential Equation undre Relaxed	S Segni H Geubbai R Dida	Journal of Nonlinear Modeling and Analysis	2024	B-Scopus	6	1245-1254	https://global-sci.org/intro/article_detail/jnma/23684.html
	Single equation approach for linear Fredholm integro-differential equations	S Segni B Tair H Guebbai	Journal Computational Technologies	2024	A	29	55-71	https://doi.org/10.25743/ICT.2024.29.5.006
	Nonlinear Volterra integro-differential equations incorporating a delay term using Picard iterated method	S Segni H Guebbai S Kamouche Kh Haddouche	Journal Applied Mathematics and Computing	2024	B-Scopus	70	3235-3256	https://link.springer.com/article/10.1007/s12190-024-02092-6
	Sobolev-Type Nonlinear $\psi(k, \psi)$ -Hilfer Fractional Differential Equations With Control	M Kerboua I Bouacida S Segni	Journal of Computational and Nonlinear Dynamics	2024	A	19	111007-11	https://doi.org/10.1115/1.4066220

Publications internationales	A New Tool for Approaching Eigenvalues of the Quadratic Pencil of Schrödinger Operators	S. Kamouche M. Kurulay H. Guebbaï M. Ghiat	Lobachevskii Journal of Mathematics	2024	B	45	2821-2832	Home Lobachevskii Journal of Mathematics
	Fredholm integro-differential equation with weak singularities: a combined analytical and numerical study	Imane Bazine Samir Lemita	Studies in Engineering and Exact Sciences	2024	B	5	e9901-e9901	https://ojs.studiespublicacoes.com.br/ojs/index.php/secs/article/view/9901
	Study of a non-linear Volterra integro-differential equation with a non-linear unknown source term	Mohamed Karek Samir Lemita Khaled Zennir Keltoum Bouhali	Studies in Engineering and Exact Sciences	2024		5	e9183-e9183	https://ojs.studiespublicacoes.com.br/ojs/index.php/secs/article/view/9183
	On Existence and Numerical Solution of a New Class of Nonlinear Second Degree Integro-Differential Volterra Equation with Convolution Kernel	S Lemita M L Guessoumi	Numerical Analysis and Applications	2024		17	245-261	https://link.springer.com/article/10.1134/S1995423924030042
	On existence and numerical solution of a new class of nonlinear second degree integro-differential Volterra equations with a convolution kernel	S Lemita M L Guessoumi	Sibirskii Zhurnal Vychislitel'noi Matematiki	2024		27	303-318	https://www.mathnet.ru/php/archive.phtml?wshow=paper&jrnid=sjvm&paperid=879&option_language=eng

Publications internationales	Existence and uniqueness of neutral functional differential equations with sequential fractional operators	Rabah Debbar Hamid Boulares Abdelkader Moumen Tariq Alraqad Hicham Saber	PLoS ONE	2024	A	19 Issue 7	e030457 5	https://doi.org/10.1371/journal.pone.0304575
	The Stability and Well-Posedness Results For Hyperbolics Non Linear Problem	Aries Mohammed Es-Salih	Journal of Computational Analysis and Applications	2024	B-Scopus	33	1026-1043	https://www.eudoxuspress.com/index.php/pub/article/view/1552
	Uniform decay in a wave equation and Numerical simulations	Aries Mohammed Es-Salih	Utilitas Mathematica	2024	B-Scopus	120	1298-1310	https://utilitasmathematica.com/index.php/Index/article/view/1951/
	Вестник российских университетов. Математика	R Chakar S Dehilis W Merchela H Guebbai	Вестник российских университетов. Математика	2024		29	485-493	https://www.mathnet.ru/php/archive.phtml?wshow=paper&jrnid=vtamu&paperid=341&option_1
	ρ -F-contraction fixed point theorem	Randa Chakar Sofiane Dehilis Wassim Merchela Hamza Guebbai	Вестник российских университетов. Математика	2024		29	485-493	https://cyberleninka.ru/article/n/f-contraction-xed-point-theorem
	Solving higher-order nonlinear Volterra integro-differential equations using two discretization methods	Walid Slimani Boutheina Tair	Journal of Applied Mathematics and Computing	2024		70	2785-2807	https://link.springer.com/article/10.1007/s12190-024-02075-7

	Productions Scientifiques 2024							
	Communications							
	Titre	Auteurs	Intitulé de manifestation	Année	Proceeding de la conférence indexé dans Scopus (oui /non)	Volume	Page	URL
Communications nationales	A generalization of Hardy-Rogers theorem	Bazine Safia	First National Conference on Non Linear Differential Equations and their Applications (NCNDEA'2024)	2024	non			https://www.univ-oeb.dz/vrlex/wp-content/uploads/2023/12/NCNDEA2024-EN-Principale.pdf
	Darboux problem of conformable fractional partial differential equation	REBIAI Ghania	MMA'24	2024	non			
	Corrected Euler-Maclaurin type inequalities for differentiable s-convex functions	Saliha Djenaoui	ncma-2024 : National Conference on Mathematical Analysis	2024	non			https://ncma2024.sciencesconf.org/?lang=en

Communications internationales	Mixed Volterra-Fredholm nonlinear integral equations with regular kernels	Belhireche Hanane	8th International Workshop on Applied Mathematics and Modelling (WIMAM'2024), 19-20 November 2024	2024	non			https://lmam.univ-guelma.dz/fr/content/wimam-2024
	Nonlinear Volterra-Fredholm integral equations with regular kernels	Belhireche Hanane	8th INTERNATIONAL CONFERENCE ON MATHEMATICS ''ICOM''	2024	non			https://www.icomath.com/?target=sayfalar&id=2
	Analytical and numerical study of new integro-differential Fredholm equation	BENSSAAD Meryem KHELLAF Ammar	8th International Workshop on Applied Mathematics and Modelling (WIMAM'2024), 19-20 November 2024	2024	non			https://lmam.univ-guelma.dz/fr/content/wimam-2024
	Analytic and numerical study integro-differential fredholm-schander equation	BENSSAAD Meryem	International Conference on Mathematics and its Applications in Science and Technology ICMAS'T'2024, 15-16 december	2024	non			https://events.univ-setif.dz/event/6/overview
	Modélisation de l'activité sismique: une étude théorique et numérique des systme de Volterra non linéaire	Ghomrani Sarra Guebbai Hamza	8th International Workshop on Applied Mathematics and Modelling (WIMAM'2024), 19-20 November 2024	2024	non			https://lmam.univ-guelma.dz/fr/content/wimam-2024
	Modeling seismic activity with variable resistance: A system of nonlinear integro-differential Volterra equations	Ghomrani Sarra Guebbai Hamza	the international conference on fractional calculus and applications	2024	non			https://icofca.com/

Communications internationales	Fractional neutral differential equations involving (k, ψ) -Hilfer fractional derivative and control: Complete controllability exploration	Kerboua Mourad	12 th International Conference on Applied Analysis and Mathematical Modelling (ICAAMM24) July 19-23, 2024, Biruni University, Istanbul-Turkey	2024	non	/	/	https://www.ntmsci.com/Conferences/ICAAMM2024
	Some fixed point theorems	Bazine Safia	8 th International Workshop on Applied Mathematics and Modelling (WIMAM'2024), 19-20 November 2024	2024	non			https://lmam.univ-guelma.dz/fr/content/wimam-2024
	Generalization of the Banach contraction principle	Bazine Safia	8 th International Conference on Mathematics	2024	non			International Conference - International
	URHS for Daboux problem	REBIAI Ghania	8 th International Workshop on Applied Mathematics and Modelling (WIMAM'2024), 19-20 November 2024	2024	non			https://lmam.univ-guelma.dz/fr/content/wimam-2024
	The convergence results of iterative learning control of fractional differential equation	REBIAI Ghania	the international conference on fractional calculus and applications	2024	non			https://icofca.com/

Communications internationales	Initial Value Problem of a system of generalized Sturm-Liouville and Langevin Hilfer-Katugampola Fractional Differential Equations	Tabouche Nora	1st International Conference on Nonlinear Mathematical Analysis and its Applications (IC-NMAA'24)	2024	non			International Conference on Nonlinear Mathematical Analysis and Its Application on Strikingly
	A Study of a system of Sturm-Liouville and Langevin fractional differential equations	Tabouche Nora	3rd International Conference on Mathematics and Artificial Intelligence (TICMAI'24)	2024	non			https://ewdr.org/
	Parabolic P-Biharmonic Equation With Variable Exponent: Existence Results And Full Discretization	Amel Labadla	8th International Workshop on Applied Mathematics and Modelling (WIMAM'2024), 19-20 November 2024	2024	non			https://lmam.univ-guelma.dz/fr/content/wimam-2024
	Existence and uniqueness of solutions for the ψ - Caputo sequential fractional order neutral functional differential equations	Rabah Debbar	1ère Conférence internationale Mohand Moussaoui sur les Mathématiques Appliquées et la Modélisation	2024	non			https://lmam.univ-guelma.dz/fr/content/wimam-2024
	Analyzing the Existence and Uniqueness of Solutions for Neutral Functional Fractional Differential Equations	Rabah Debbar	The International Conference on Fractional Calculus and Applications, Sousse (Tunisia), December 26-30, 2024.	2024	non			https://icofca.com/

Communications internationales	Numerical development for an Integro-differential Equation depending in acceleration term	Sami Segni	Applied Analysis And Mathematical Modeling "ICAAMM"	2024	Turkey			https://ntmsci.com/Conferences/ICAAMM2024
	Nonlinear Volterra Integro-differential Equation with delay terms: An Application of the Picard	Sami Segni	Applied Mathematics and Modelling "WIMAM'2024"	2024	Univ-Guelma			https://lmam.univ-guelma.dz/fr/content/wimam-2024
	Analytical and Numerical Treatment of a Specific Nonlinear Fredholm Integral Equation	Somia KAMOUCHE, Sarra GHOMRANI and Hamza Guebbai	8th International Workshop on Applied Mathematics and Modelling (WIMAM'2024), 19-20 November 2024	2024	Univ-Guelma			https://lmam.univ-guelma.dz/fr/content/wimam-2024
	The boundrary value propleme concerns a weighted fractional derivative involvine a function of variable order	Dida Ridha	International Conference on Applied Analysis and Mathematical Modeling, 2024 (ICAAMM 2024)	2024		12		https://ntmsci.com/Conferences/ICAAMM2024
	E cient Numerical Method for Solving Linear Fredholm Integro-Differential Equations Using Backward Finite Difference and Nyström Techniques	Dida Ridha, Guebbai Hamza, Segni Sam	8th International Workshop on Applied Mathematics and Modelling (WIMAM'2024), 19-20 November 2024	2024	Univ-Guelma	8		https://lmam.univ-guelma.dz/fr/content/wimam-2024
	An Innovative Numerical Approach for Addressing Weakly Singular Nonlinear Integro-Differential Volterra Equations	Aries Mohammed Es-Salih	Applied Mathematics and Modelling "WIMAM'2024"	2024	Univ-Guelma	/	/	https://lmam.univ-guelma.dz/fr/content/wimam-2024