Liste des productions scientifiques (publications, communications,…)
Année 2020

Etablissement Universitaire: Université 8 Mai 1945 de Guelma

Faculté: Mathématique, Informatique et Sciences de la Matière

Laboratoire de Mathématiques Appliquée et de Modélisation -LMAM-

	Titre	Auteurs	Revue	Année	Catégorie de la revue:A+ , A , B-Scopus, B-non Scopus, non classée	Micro Domaine	Volume	Page	URL
			Productions Scientifiques 2020						
			Publications						
Publications internationales	Difference derivative for an integro-differential nonlinear Volterra equation	Guebbai, H Lemita, S Segni, S Merchela, W	Vestn. Udmurt. Univ. Mat. Mekh. Komp'yut. Nauki	2020	B-scopus	Mathématiques	30	176–188	http://www.mathnet.ru/php/archive.phtml?wshow=paper&jrnid=vuu&paperid=718&option_lang=eng
	New numerical process solving nonlinear infinite-dimensional equations	Ammar Khellaf, Wassim Merchela Sarra Benarab	Computational and AppliedMathematics	2020	A	Mathématiques	93		https://link.springer.com/article/10.1007/s40314-020-1116-x
	The pseudo-spectrum of operator pencils	Khellaf A Guebbai H Lemita, S Aissaoui, Z	Asian-European Journal of Mathematics	2020	B-scopus	Mathématiques	13	16p	https://www.worldscientific.com/doi/abs/10.1142/S179355712050 1004

	Titre	Auteurs	Revue	Année	Classe	Domaine	Vol	Pages	Lien
Publications internationales	*A new error estimate on uniform norm of a parabolic variationalinequality with nonlinear source terms via the subsolution concepts*	*Boulaaras Salah Bencheikh Hocine Mohamed El Amine; Haiour Mohamed*	*Journal of Inequalities and Applications*	*2020*	*A*	*Mathématiques*	*78*	*18pp*	*https://journalofinequalitiesandapplications.springeropen.com/articles/10.1186/s13660-020-02346-4*
	Stability analysis of conformable fractional-order nonlinear systems depending on a parameter	*O. Naifar, G. Rebiai, A. Ben Makhlouf, M.A. Hammami, A. Guezane-Lakoud*	*Journal of Applied Analysis*	*2020*	*B-scopus*	*Mathématiques*	*26*	*278-296*	*https://doi.org/10.1515/jaa-2020-2025*
	On nonlocal integral and derivative boundary value problem of nonlinear HadamardLangevin equation with three different fractional orders	*Berhail Amel , Tabouche Nora, Matar Mohammed, Alzabut Jehad*	*Boletín de la SociedadMatemáticaMexicana*	*2020*	*B-scopus*	*Mathématiques*	*26*	*303-318*	*https://link.springer.com/article/10.1007%2Fs40590-019-00257-z*
	Existence of solutions for nonlinear fractional integro-differential equations.	*Bragdi Ahmed, Frioui Assia, Guezane Lakoud Assia*	*Advances in Difference Equations*	*2020*	*B-Scopus*	*Mathématiques*		*9p*	*https://advancesindifferenceequations.springeropen.com/articles/10.1186/s13662-020-02874-9*

	Title	Authors	Journal	Year		Field	Vol	Pages	Link
Publications internationales	*Classical nonnegative solutions for a class IVP for nonlinear three-dimensional wave equations.*	*Georgiev Svetlin G Zennir Khaled*	*Applied Sciences(APPS)*	*2020*		*Mathématiques*	*22*	*66-82*	*http://www.mathem.pub.ro/apps/v22/A22.htm*
	Existence and exponential stability of solutions for laminated viscoelastic Timoshenko beams.	*Bahri, N Beniani, A Zennir, Kh Zhang, H. W*	*Applied Sciences(APPS)*	*2020*		*Mathématiques*	*22*	*janv-16*	*http://www.mathem.pub.ro/apps/v22/A22.htm*
	Existence and uniqueness for delay fractional differential equations with mixed fractional derivatives	*Ahmed Hallaci, Hamid Boulares, Abdelouaheb Ardjouni*	*Open Journal of Mathematical Analysis*	*2020*		*Mathématiques*	*4*	*26-31*	*https://pisrt.org/psr-press/journals/oma-vol-4-issue-2-2020/existence-and-uniqueness-for-delay-fractional-differential-equations-with-mixed-fractional-derivatives/*

	Titre	Auteurs	Intitulé de manifestation	Année	Proceeding de la conférence indexé dans Scopus (oui /non)	Micro Domaine	Volume	Page	URL
					Productions Scientifiques 2020				
					Communications				
Communications internationales	*Solving linear Fredholmintegro-differential equation by Nystrom method*	*BOUTHEINA Tair*	*Lectures de Kolmogorov-IX . Problème généraux de contrôle et leurs application (OPU-2020) .*	*2020*		*Mathématiques*			*http:// opu2020.tsutmb.ru/index.html*
	The generalized quadratic spectrum approximation	*KAMOUCHE Somia*	*The International conference "Kolmogorov readings - IX. General controln problems and their applications (GCP-2020)", Université d'État de Tambov Russe. Date: October 14, 2020*	*2020*		*Mathématiques*			*http://opu2020.tsutmb.ru/index.html*

Communications internationales	*Pseudoconvex hybridization of three descent vectors to build a new method of the conjugate gradient.*	*HANNACHI Marwa*	*Modern Methods in Boundary Value Problems Theory. PontryaginReadings-XXXI. Lieu: Université d'état de Voronej, Russie. Date: du 3 au 9 mai 2020.*	*2020*		*Mathématiques*			*[Voronezh Spring Mathematical School 2021 (math-vsu.ru).](#)*
	New hybrid conjugate gradient method as a pseudoconvex combination of PRP, DY and LS methods.	*HANNACHI Marwa*	*The International conference "Kolmogorov readings – IX. General controln problems and their applications (GCP-2020)", Universitéd'État de Tambov Russe. Date: October 14, 2020*	*2020*		*Mathématiques*			*[http://opu2020.tsutmb.ru/index.html](#)*