

Provisional program						
Thursday 19-05-2022	Morning					
	08h00	Welcoming participants				
	09h30	Opening Session				
	10h00-10h45	Plenary Conference : C. Berthon Moderator : A. Nachaoui				
	10h45-11h00	Coffee break				
	11h00-13h00	parallel sessions				
		Session SIPCO: Amphi Conference	Session SPDEA : Room C01	Session SDEA : Room C02	Session SMMLSM : Room C21	Session SMDS : Room C23
		Moderator : Y. S. Gasimov, H. Khalfi	Moderator : K. Ezzinbi, A. Ouhinou	Moderator : L. Afraites, A. Hadri	Moderator : A. Mettrane, Y. Hadfi	Moderator : A. Elmoufidi, A. Ghazdali
		Com SIPCO-01 M. Ouait	Com SPDEA-01 : M. BENMOUJANE	com SDEA-1: A. SADRATI	com SMMLSM-1: ASMA SBAI	com SMDS-1: Hassan Ramchoun
		Com SIPCO-02 A. Akoubi	Com SPDEA-02 : Awwad Husam	com SDEA-2: N. MORADI	com SMMLSM-2: Az-edline ZAKRAD	com SMDS-2: Abdenbi EL AZRI
		Com SIPCO-03 A. Ghazi	Com SPDEA-03: O. Tyr	com SDEA-3: B. BAADI	com SMMLSM-3: SAIDA ID OUAZIZ	com SMDS-3: Lahoucine HOBBAZ
		Com SIPCO-04 : M. Benoudi	Com SPDEA-04 : K. Hatim	com SDEA-4: Z. ZIZI	com SMMLSM-4: Allouch Chafik	com SMDS-4: Mostafa Bakhouya
		Com SIPCO-05 : M. Azoua	Com SPDEA-05 : I. Barbara	com SDEA-5: M. El Ghabi	com SMMLSM-5: ABDERRAHMANE OULTOU	com SMDS-5: Mohamed Quasdane
	Com SIPCO-6 : A. Elhakoum	Com SPDEA-6 : K. Soualiline	com SDEA-6: H. Lmou	com SMMLSM-6: MOURAD EL IDRISSI	com SMDS-6: Mohamed ALAHIANE	
		com SPDEA-7: A. Daïfe	com SDEA-7: M. El Ouardy		com SMDS-7: Fatima Ezzahra Dadoune	
	13h00-14h30 : Lunch					
	Afternoon					
	14h30-15h15	Plenary Conference : S. Masnou Moderator : A. Laghrib				
	15h15-16h00	Plenary Conference : K. Ezzinbi Moderator : A. Ouhinou				
	16h00-16h15	Coffee break				
	16h15-18h30	parallel sessions				
		Session SDEA: Amphi Conference	Session SPDEA : Room C01	Session SIPCO : Room C02	Session SMMLSM : Room C21	Session SMDS : Room C23
		Moderator : A. Ouhinou	Moderator : A. Hakim, A. Hadri	Moderator : A. Nachaoui, L. Afraites	Moderator : A. Mettrane, H. Khalfi	Moderator : S. Raghay, I. Hafidi
		com SDEA-8: A. SALMANI	Com SPDEA-08 : M. HADDIOUI	Com SIPCO-07 : S. BERHICH	com SMMLSM-7: Nadia MAKHLOUKI	com SMDS-8: Ammar ES-SAID
com SDEA-9: M. Khazou		Com SPDEA-09 : S. Essarrouf	Com SISP-08 : R. OU-AZZOU	com SMMLSM-8: Maryem Hourri	com SMDS-9: Mohammed Oraiche	
com SDEA-10: A. Azghay		Com SPDEA-10 : Z. ELOUAOURTI	Com SISP-09 : M. Ouhafsa	com SMMLSM-9: Hamadi Ennaji	com SMDS-10: Marouane Chaouch	
com SDEA-11: F. saadi		Com SPDEA-11 : S. BOUMASMOUD	Com SIPCO-10 : H. Hakimi	com SMMLSM-10: Siham Bayad	com SMDS-11: Khabaoui Hassan	
com SDEA-12: B. DAHI		Com SPDEA-12 : A. Azanzal	Com SIPCO-11 : M. Offan	com SMMLSM-11: Nouamane Bakhdil	com SMDS-12: CHADIA BEKKAYE	
com SDEA-13: H. JOURHMANE		Com SPDEA-13 : M. EL HATHOUT	Com SIPCO-12 : S. Zenfari	com SMMLSM-12: ESSAID ANAAMA	com SMDS-13: Fatma MANLAIKHAF	
com SDEA-14: S. ARRACHMANI		Com SPDEA-14 : A. Lakhdri	Com SIPCO-13: E. Charrat	com SMMLSM-13: Ismail OUAADI	com SMDS-14: Cherifa Fatima Choukhan	
com SDEA-15: Latifa el bezdaoui		com SPDEA-15: Y. Essadaoui	com SIPCO-14: I. Oulmelk	com SMMLSM-14: Youness Baala	com SMDS-15: Nasreddine Hafidi	
Morning						
08h30-09h15		Plenary Conference : K. Ammari Moderator : L. Maniar				
9h15-10h		Plenary Conference : Y. S. Gasimov Moderator : A. Nachaoui				
10h00-10h15	Coffee break					
10h15-13h00	parallel sessions					
	Session SPDEA: Amphi Conference	Session SDEA : Room C01	Session SFMDS : Room C02	Session SMMLSM : Room C21	Session SIPCO : Room C23	
	Moderator : K. Ammari, A. Ouhinou	Moderator : L. Maniar	Moderator: A. Laghrib	Moderator : C. Berthon, A. Hadri	Moderator : A. Nachaoui	
	Com SPDEA-16: A. Benmerrous	com SDEA-16: A. Afoukal	com SFMDS-1: Soufiene LYAQINI	com SMMLSM-15: Ahmed Kenber	Com SIPCO-14 : khalli ALLA	
	Com SPDEA-17 : F. OUIDIRNE	com SDEA-17: T. Akrid	com SFMDS-2: Youssef Achtoun	com SMMLSM-16: RABAB EL HATIMI	Com SIPCO-15 : A. El ayboudi	
	Com SPDEA-18 : M. R. Amattouch	com SDEA-18: N. CHEFNAJ	com SFMDS-3: Zineb BELHALLAJ	com SMMLSM-17: IMKEN IKRAM	Com SIPCO-16 : L. Beljadid	
	Com SPDEA-19 : M. Bouziani	com SDEA-19: S. Ait Temghart	com SFMDS-4: ELHOUSAIN ARHRRABI	com SMMLSM-18: KHADIJA AIT DERHEM	Com SIPCO-17 : R. Elkanoufi	
	Com SPDEA-20 : H. Srhiri	com SDEA-20 : A. Saou	com SFMDS-5: Fouziya Zamtain	com SMMLSM-19: HASSNAA AKIL	Com SIP-18 : S. Mountassir	
	Com SPDEA-21: Z. Faiz	com SDEA-21: O. LAHCEN	com SFMDS-6: Abdelhamid Moussaoui	com SMMLSM-20: Ouafaa RAIBI	Com SIPCO-19 : M. ELGHANDOURI	
	Com SPDEA-22: H. Farjil	com SDEA-22: H. EL BAZI	com SFMDS-7: Bouchra Daoudi	com SMMLSM-21: Lahcen TAOUCHIKHT	Com SIPCO-20 T. Boulahrouz	
	com SPDEA-23: Iman El Malki	com SDEA-23: A. El-ghabi	com SFMDS-8: Abdelatif Semmouri	com SMMLSM-22 : Mouad Oudghir	Com SIPCO-21 Y. Mezzane	
	com SPDEA-24 : M. Ijrech	com SDEA-24: J. Ettayb	com SFMDS-9: Youssef LAHDOUDI	com SMMLSM-23: Khalid Elhail	Com SIPCO-22 J. Hlal	
	com SPDE-25: A. Haddane	com SDEA-25: M. EL KARCHANI	com SFMDS-10: Amine El hossi	com SMMLSM-24: Mohamed Ladib	Com SIPCO-23 M. Srati	
	com SPDE-26 : Y. Essadaoui	com SDEA-26: S. Laachachi	com SFMDS-11: SOUFIANE EL AAMRANI	com SMMLSM-25 : Yassine Chakroune	Com SIPCO-24 A. Mouhcine	
13h00-15h00 : Lunch						
Afternoon						
15h00-15h45	Plenary Conference : L. Maniar Moderator : K. Ezzinbi					
15h45-16h30	Plenary Conference : A. Khan Moderator : A. Afraites					
16h30-16h45	Coffee break					
Free time + Excursion + touristic visit						
Morning						
08h45-09h30	Plenary Conference : A. Nachaoui Moderator : A. Hakim					
09h30-09h45	Coffee break					
09h45-12h30	parallel sessions					
	Session SIPPDE : Amphi Conference	Session SDEA: Room C01	Session SPDEA : Room C02	Session LNDE : Room C21	Session SDEDS : Room C23	
	Moderator : A. Hakim, A. Hadri	Moderator : H. khalfi, C. Alallou	Moderator : A. Nachaoui, F. Benkhaldoun	Moderator : L. Afraites, A. Laghrib	Moderator : A. Mettrane, A. Ghazdali	
	com SIPPDE-1: Nassime ASLIMANI	com SDEA-27: M. H. BEN TAHIR	com SPDEA-27: F. Benkhaldoun	com SLNDE-1: Mohamed Arrai	com SDEDS-1: Karima Mokni	
	com SIPPDE-2: Redouane EL MEZEGUELDY	com SDEA-28: N. EL AMARTY	com SPDEA-28: O. EL YAMOUNI	com SLNDE-2: Hamza Bouda	com SDEDS-2: CHAFIKI AHMED	
	com SIPPDE-3 : Youcef YAHI	com SDEA-29: K. MOUTAOUAKIL	com SPDEA-29: A. Bradji	com SLNDE-3: Rajae ZEROUALI	com SDEDS-3: Fatima ezzahrae Fadil	
	com SIPPDE-4 : ELHARFI ABDELHADI	com SDEA-30: A. sabry	com SPDEA-30: w. Aboussi	com SLNDE-4: Iwan Ali	com SDEDS-4: Khadija CHANNAN	
	com SIPPDE-5 : EL MOURABIT Abdelmajid	com SDEA-31: F. E. Bourhim	com SPDEA-31: M. CHAIB	com SLNDE-5: Mahmoud El Ahmadi	com SDEDS-5: Naoufel HATIME	
	com SIPPDE-6 : Soumia EL OMARI	com SDEA-32: J. STOUTOU	com SPDEA-32: G. ZINEDDAINE	com SLNDE-6: Mehssin Attaya	com SDEDS-6: Manal MENCHIH	
	com SIPPDE-7 : El Omari Mohamed	com SDEA-33: S. Zerbib	com SPDEA-33: M. Ziat	com SLNDE-7: Anass Lamaizi	com SDEDS-7: Hiba EL ASRAOUI	
	com SIPPDE-8 : Soukaina Yacini	com SDEA-34: H. El Hammar	com SPDEA-34: S. ICHI	com SLNDE-8: Hayat Malghi	com SDEDS-8: Fatima CHERKAOUI	
	com SIPPDE-9: BAYDAA KHALEEL Mostafa	com SDEA-35: S. Solhi	com SPDEA-35: H. Chaouch	com SLNDE-9: Sudad Rashid		
com SIPPDE-10: Ibtihal Thabit Jameel	com SDEA-36: R. BOUZYANI	com SPDEA-36: F. Gholali				
com SIPPDE-11: Athraa Falih Hasan	com SDEA-37: Abdelaaziz Sbai					
12h30-14h20 : Lunch						
closing ceremony						
Saturday 21-05-2022	Morning					
	08h45-09h30	Plenary Conference : A. Nachaoui Moderator : A. Hakim				
	09h30-09h45	Coffee break				
	09h45-12h30	parallel sessions				
		Session SIPPDE : Amphi Conference	Session SDEA: Room C01	Session SPDEA : Room C02	Session LNDE : Room C21	Session SDEDS : Room C23
		Moderator : A. Hakim, A. Hadri	Moderator : H. khalfi, C. Alallou	Moderator : A. Nachaoui, F. Benkhaldoun	Moderator : L. Afraites, A. Laghrib	Moderator : A. Mettrane, A. Ghazdali
		com SIPPDE-1: Nassime ASLIMANI	com SDEA-27: M. H. BEN TAHIR	com SPDEA-27: F. Benkhaldoun	com SLNDE-1: Mohamed Arrai	com SDEDS-1: Karima Mokni
		com SIPPDE-2: Redouane EL MEZEGUELDY	com SDEA-28: N. EL AMARTY	com SPDEA-28: O. EL YAMOUNI	com SLNDE-2: Hamza Bouda	com SDEDS-2: CHAFIKI AHMED
		com SIPPDE-3 : Youcef YAHI	com SDEA-29: K. MOUTAOUAKIL	com SPDEA-29: A. Bradji	com SLNDE-3: Rajae ZEROUALI	com SDEDS-3: Fatima ezzahrae Fadil
		com SIPPDE-4 : ELHARFI ABDELHADI	com SDEA-30: A. sabry	com SPDEA-30: w. Aboussi	com SLNDE-4: Iwan Ali	com SDEDS-4: Khadija CHANNAN
		com SIPPDE-5 : EL MOURABIT Abdelmajid	com SDEA-31: F. E. Bourhim	com SPDEA-31: M. CHAIB	com SLNDE-5: Mahmoud El Ahmadi	com SDEDS-5: Naoufel HATIME
		com SIPPDE-6 : Soumia EL OMARI	com SDEA-32: J. STOUTOU	com SPDEA-32: G. ZINEDDAINE	com SLNDE-6: Mehssin Attaya	com SDEDS-6: Manal MENCHIH
com SIPPDE-7 : El Omari Mohamed		com SDEA-33: S. Zerbib	com SPDEA-33: M. Ziat	com SLNDE-7: Anass Lamaizi	com SDEDS-7: Hiba EL ASRAOUI	
com SIPPDE-8 : Soukaina Yacini	com SDEA-34: H. El Hammar	com SPDEA-34: S. ICHI	com SLNDE-8: Hayat Malghi	com SDEDS-8: Fatima CHERKAOUI		
com SIPPDE-9: BAYDAA KHALEEL Mostafa	com SDEA-35: S. Solhi	com SPDEA-35: H. Chaouch	com SLNDE-9: Sudad Rashid			
com SIPPDE-10: Ibtihal Thabit Jameel	com SDEA-36: R. BOUZYANI	com SPDEA-36: F. Gholali				
com SIPPDE-11: Athraa Falih Hasan	com SDEA-37: Abdelaaziz Sbai					
12h30-14h20 : Lunch						
closing ceremony						

SDEA	Differential Equations and Applications
SIPCO	Inverses Problems and Optimization
SDEDS	Differential Equations and Dynamic Systems
SPDEA	Partial Differential Equations and Applications
SFMDs	Fuzzy & Mathematical and Data Sciences
SIPPDE	Inverses Problems and PDE
SMMLSM	Mathematical Modeling & Large Scale Methods
SNSPDE	Linear and Nonlinear Differential equations
SMDS	Mathematic and Data Sciences

Code	Session	Title	Authors		
SDEA	Differential equations and applications	POSITIVE STEPANOV-LIKE ALMOST AUTOMORPHIC SOLUTIONS FOR SYSTEMS OF NONLINEAR DELAY INTEGRAL EQUATIONS	Abdellatif SADRATI, Abderrahim ZERTITI		
		Existence of solutions for 4p-order PDES with Neumann boundary conditions	Najat MORADI, F. MORADI, S. ELHABIB, M. ADDAM		
		Existence and uniqueness for reflected BSDE with multivariate point process and right upper-semi-continuous obstacle	Brahim BAADI, Mohamed Marzouge		
		Eberlein weakly almost periodic solution to some functional differential equations with nondense domain	Zakaria ZIZI, Samir FATAJOU, El Hadi AIT DADS		
		Nonlinear periodic equation with arbitrary growth nonlinearity and data measure: Mathematical analysis and Numerical simulation by LBM method	Malika El Ghabi, Hamza Alaa, Nour Eddine Alaa		
		Existence and uniqueness results for Hilfer Langevin pantograph fractional differential equation and inclusion	Hamid Lmou, Khalid Hilal, Ahmed Kajouni		
		Nonlocal parabolic problems with singular lower order term	Monim El ouardy, Youssef El Hadfi and Abdelaziz Sbai		
		Existence and Uniqueness Result for Nonlinear Anisotropic Elliptic Unilateral Problems with variable Exponent and Measure Data	ABDELHAFID SALMANI		
		Coupled fixed point theorems & applications to differential and integral equations.	Mohamed Khazou, Mohamed Aziz Taoudi		
		Infinitely many high energy radial solutions for fractional Schrödinger-Poisson system	Abdellah Azghay, Mohammed Massar, Abderrahim El Mhouthi		
		Fourier-Bessel series of Lipschitz functions in spaces $S_{p, \lambda}([0, 1])$	Faouaz saadi, Radouan Daher		
		NONLINEAR PARABOLIC EQUATIONS RELATED TO THE LAPLACIAN OPERATOR: SEMI-DISCRETIZATION	DAHI IBRAHIM, Moulay Rchid SIDI AMMI		
		On the existence result of some elliptic problem in the generalised sobolev spaces	RACHID BOUZYANI, BADR EL HAJI and MOSTAFA EL MOUMNI		
		Classification and description of definable groups in the p-adic field	Salma Arrahmani, Ahmed Srhir		
		Embedding ψ -Caputo in Colombeau Algebra	Latifa el bezdaoui, Lalla Saadia chadli, Mhamed Elomari		
		Almost periodic solution for a class of nonautonomous linear partial functional differential equations	Abdallah Afoukal, Khalil Ezzinbi, Khalid Hilal		
		On Stepanov pseudo almost periodicity solutions for some hyperbolic boundary evolution equations	Thami Akrid, Mamoud Baroun, Lahcen Maniar		
		Existence of Solution for a Hybrid Fractional Differential Equation with a the Caputo Fractional Derivative	Najat CHEFNAJ, Khalid HILAL, Ahmed KAJOUNI		
		EXISTENCE OF SOLUTION OF HYBRID PSI-HILFER FRACTIONAL DIFFERENTIAL EQUATIONS OF VARIABLE ORDER	Samira Zerbib, Khalid Hilal, Ahmed Kajouni		
		Numerical Methods Based on Spline Quasi-Interpolating Operators for Hammerstein Integral Equations	Abdelmonaim Saou, Mohamed TAHRICH, Domingo Berrera		
		Contact with damped response with an electro-viscoelastic rod	OUMOUACHA LAHCEN, EL Hassan Benkhira, Rachid Fakhar, Youssef Mandly		
		Fixed Point Theorem For Mixed Monotone Nearly Asymptotically Nonexpansive Mappings And Application To Integral Equations.	HAMZA EL BAZI, Abdellatif Sadrati		
		Random Fixed Point Theorems with Application to Random Differential Equations in Banach Spaces	A. El-Ghabi, A. Khchine and M.A. Taoudi		
		Some results on discrete semigroups of bounded linear operators on non-archimedean Banach spaces	Jawad Ettayb, Abdelkhalik El amrani and Aziz Blali		
		Mathematical modeling and numerical simulation of epidemics	Maryem EL KARCHANI, Idrissi Fatmi Nadia		
		Some characterizations of the ideals E^a which are discrete	Soufiane Laachachi, Jawad H'michane		
		Mathematical modeling of the darwinian dynamics by tools of Kinetic theory for active particles	Mohamed Ch-Chaoui, Abdelghani Belloquid		
		Study of neutral partial conformable differential equations with nonlocal conditions	M. Hicham BEN TAHR, Said Melliani, M'hamed Elomari		
		Nonlinear unilateral elliptic problem in Generalized sobolev spaces	NOURDINE EL AMARTY, BADR EL HAJI and MOSTAFA EL MOUMNI		
		Entropy solutions for nonlinear parabolic unilateral problems with diffuse measure data	Khadija MOUTAOUKIL, B. HAMDADOU, J. BENNOUNA, M.MEKKOUR		
		On Some Regularity of Nonlinear $p(x)$ -Parabolic Problems with General Data and Perturbed Terms	Abdelaziz Sabiry, Chakir Allalou, Said Melliani, Abderrazak Kassidi		
		Boundary value problems for hybrid differential equations with ψ -Caputo fractional.	Fatima Ezzahra Bourhim, Mohamed Elomari, Khalid Hilal		
		Non-parametric estimation with B-spline for a fractional Ornstein Uhlenbeck process .	JILALI STOUTOU, HAMID EL MAROUFY		
		Existence results for some elliptic systems with perturbed gradient	Said Ait Temghart, Hasnae El Hammar, Chakir Allalou, Khalid Hilal		
		On strongly quasilinear elliptic systems with variable exponent and nonlinear physical data	Hasnae El Hammar, Said Ait Temghart, Chakir Allalou, Khalid Hilal		
		Existence of positive solutions of a non linear quadratic fractional differential equation	Salma Solhi, Khalid Hilal, Ahmed Kajouni		
		A theorem of existence for a special fractional differential equation	Hamza JOURHMANE, BOURHIM Fatima Ezzahra, M'hamed El omari		
		THE IMPACT OF A LOWER ORDER TERM IN A DIRICHLET PROBLEM WITH HARDY POTENTIAL AND SINGULAR TERM	Abdelaziz Sbai, Youssef El hadfi, Mounim El ouardy		
		IPCO	Inverses Problems, control and optimization	Exponential stabilization of retarded distributed semilinear systems evolving in Banach spaces	Mostafa Ouairit, Azzeddine Tsouli
				Stabilization of plate equation	Abdelkarim Akoubi, El hassan Zerrik, Ait Aadi Abderrahman
				Optimality conditions and DC-Dinkelbach-type algorithm for vector fractional mathematical programming with ratios of difference of convex functions	Abdelouafi Ghazi, ROUBI Ahmed
				Regional controllability of the position and the fractional speed of hyperbolic systems	Mustapha BENOUDI, Rachid LARHRISSI
				An inverse coefficient problem governed by a nonlinear subdiffusion equation by artificial neural networks	Abdessamad Oulmelk, Lekbir Afraites, Aissam Hadri
				Nonlocal Inverse Problem for image Denoising	Abdelmajid El hakoume, Lekbir Afraites, Aissam Hadri, Amine Laghrib
				A Fractional Derivative of Blind deconvolution image	Soukaina BERHICH, Nouredine Moussaid, Driss Meskine
				Regional controllability of the position and fractional speed of hyperbolic systems	Rachid OU-AZZOU, ABDELHAK AHMED
				Optimal control of the bilinear Von Karman plate equation with bounded controls on the velocity term	Mohamed Ouahfa, El Hassan Zerrik, Abderrahman Ait Aadi
				Numerical reconstruction of Robin coefficients by the means of boundary measurements	Mohamed Offan, Abdelkrim Chakib, Mourad Nachaoui
A Strategy For The Wastewater Treatment Station Using Multi-Objective Optimal Control	Hicham Hakimi, Mustapha Serhani, Nadia Raissi				
Proportional observer design for port Hamiltonian systems using the contraction analysis approach	Saida Zenfari, Mohamed Laabissi, Mohammed Elarbi Achhab				
Covid-19 : Mathematical Analysis and Optimal Control Approach	Mohammed Azoua, Abderrahim Azouani and Imad Hafidi				
Shape reconstruction for the stationary advection problem	CHERRAT Elmehdi and LEKBIR afraites				
Investigating the effect of wasserstein distance on GAN training	Khalil Alla, Abdelghani GHAZDALI, Hamza KHALFI				
Uniform Controllability of Some Discretized Partial Differential Equations	Abderrahim El ayboudi, Abdeladim El Akri , Lahcen Beljadid, Abdelkarim Hajjaj, Lahcen Maniar				
UNIFORM INDIRECT BOUNDARY CONTROLLABILITY OF SEMI-DISCRETE 2-D COUPLED WAVE EQUATIONS	Lahcen Beljadid, Abdeladim El Akri, Abderrahim El Ayboudi, Lahcen Maniar, Abdelkarim Hajjaj				
Indirect boundary controllability for a space semi-discretization of strongly two coupled wave equations	Radoine Belkanoufi, Abdeladim El Akri, Lahcen Maniar				
UNIFORM BOUNDARY CONTROLLABILITY OF A SEMIDISCRETE 3-D COUPLED WAVE EQUATION WITH VANISHING VISCOSITY	Sara Mountassir, Hamid Maarouf, Lahcen Maniar				
Well-posedness and approximate controllability for some integrodifferential evolution systems with multi-valued nonlocal conditions	Mohammed ELGHANDOURI, Khalil EZZINBI				
Limit analysis of a semi-linear nanolayer input stability problem	Tarik BOULAHROUZ, MOHAMMED FILALI, JAMAL MESSAHO				
A new regularization-penalization method for the optimal control of elliptic variational inequalities	Youness Mezzan, Moulay Hicham Tber				
Exact Calculus for s -H \ddot{d} Slider Subgradients in Banach Spaces	Jamal Hlal, Adelaziz haddane				
Implementation of the Split Bregman approach to constrained optimal control problem with a time-fractional diffusion system	Mohamed Srati, Lekbir Afraites, Aissam Hadri				
A hybrid PDE based model for image de-noising	Ayoub Mohssine, Lakbir Afraites, Amine Laghrib				
SDEDS	Differential equations and dynamique systems			Qualitative behavior and chaos control in a discrete evolutionary Ricker model with Allee effect.	Karima Mokni, Mohamed Ch-Chaoui
				Conformable Laplace transform	CHAFIKI AHMED, Ahmed CHAFIKI, Ahmed KAJOUNI, Khalid HILAL, Mohamed OUKESSOU
				Stability analysis of delayed SEIR epidemic model for the COVID-19	Fatima ezzahrae Fadli, Chakir Allalou, Khalid Hilal
				The global stability of a epidemiological model with n strain "all coronavirus mutations"	Khadija CHANNAN, Khalid HILAL, Ahmed KAJOUNI
				Existence results of nonlinear Caputo-type fractional hybrid differential equations via Krasnoselski fixed point theorem	Naoufel HATIME, Said Melliani, M'hamed Elomari , Ali El Mfadel
				Bounded positive solutions for some fractional differential equation with iterative source terms and integral boundary conditions	Manal MENCHIH, Khalid Hilal, Ahmed Kajouni
				Fractional non-linear age-dependent population dynamics	Hiba EL ASRAOUI, Khalid HILAL, Abdelmajid EL HAJAJI
				Global behavior of an fractional order SIS epidemic model with age structure	Fatima CHERKAOUI, Khalid HILAL, Abdelaziz QAFFOU
SPDEA	PDE and applications			Local in time existence of weak solution to a generalized compressible Landau-Lifshitz-Bloch equation	MOHAMED BENMOUANE, EL HASSAN ESSOUFI, CHAHID AYOUGH
				CASE STUDY DESIGN OF A STAND-ALONE PHOTOVOLTAIC POWER SYSTEM IN GAZA-STRIP AND GENERALIZING A PROGRAM SIMULATION	Husam Awad, Ghada abu Al goboz, Naem Harb, Shareif Shurrah
				Stability analysis of Radial Basis function Partition of Unity method for Richards equation using Pseudospectra	Mariam Ijerch, Mohamed Sadik, Abdelaziz Beljadid
		Benedicks-Alrein-Berthier type theorem and local uncertainty principles in Clifford algebras	Othman Tyr, Radouan Daher		
		Spectral analysis on weighted simplicial complexes	Khalid Hatim, Azzeddine BAALAL		
		Precise sampling strategy with a deep neural network for solving PDEs	Idriss Barbara, Tawfik MASROUR, Mohammed HADDA		
		On a class of $p(x)$ -Kirchhoff problem with Leray-Lions type operators	Khalid Soualhine, Mohammed Filali, Mohamed Talbi, Najib Tsouli		
		Quasilinear Elliptic Systems in Divergence Form with variable growth and Weak Monotonicity	Abdelali Daife, ELHOUSSEINE AZROUL		
		RBF approximation method for the numerical solution of 2D proposed model in traffic flow	Mourad Haddioui, Qaraai Youssef, Agouji Said		
		Numerical analysis of stochastic PDEs	Saadeddine Essarrouf, Zouhir Mahani, Said raghay		
		Statistical Inference for Models Driven by n-th Order Fractional Brownian Motion	Hicham Chaouch, Hamid El maroufy, Mohamed EL OMARI		
		Strong feedback stabilization of beam equation with hanged ends and discrete delay	Soufiane BOUMASMOUD, Khalil Ezzinbi		
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