



Third National Mathematics Seminar Thursday, May 26, 2022.

Program

07h30-08h00	Inscriptions
08h00-08h15	Official opening by the Dean of the Faculty of Exact Sciences, Professor OUILI Zineddine
08h15-09h00	Conference Plenary: "Mathematics between sciences and arts." presented by Doctor TEYAR Nadir
09h00-09h15	Coffee-Break
09h15-09h45	Poster session 1
10h00-12h00	Starting of the different Workshops.
13h00-15h00	Afternoon sessions for the programmed workshops.
15h00-15h30	Poster session 2 & Coffee-Break.
16h00	Closure and distribution of the participation attestation



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Workshop 1

10h00-10h20:	RABAH Mohammed;	<i>"Abstract differential equations of elliptic type with general Robin boundary conditions in Hölder spaces: non commutative cases."</i>	University of Mostaganem.
10h20-10h40:	BOUCHELAGHEM Fairouz;	<i>"On the solvability of fourth-order boundary value problems with accretive operators."</i>	University of Oran 1.
10h40-11h00:	AIT-AKLI Djamel;	<i>"Existence Result for a Model Coupling a Quasi-Linear Parabolic Equation and a Linear Hyperbolic system".</i>	University of Tizi-Ouzou.
11h00-11h20:	MEZOUAR Nadia;	<i>"Exponential decay for a nonlinear wave equation with logarithmic source term and fractional boundary dissipation".</i>	University of Mascara.
11h20-11h40:	CHADI Khelifa;	<i>"A dynamic contact problem for viscoelastic with friction and damage".</i>	University of M'sila.
11h40-12h00:	SENHADJI Asma;	<i>"Fractional Laplacian problem involving critical Sobolev exponent."</i>	University of Tlemcen.
13h00-13h20:	MOUDJEB Nawel;	<i>"Regularization by a modified quasi-boundary value method of the ill-posed problems for an axisymmetric inverse heat problem."</i>	University of Oum El Bouaghi.
13h20-13h40:	MENKAD Safa;	<i>"On the Class of n-normal Operators."</i>	University of Batna 2.
13h40-14h00:	LECHEHEB Samira;	<i>"Nontrivial solutions for nonlinear systems with Neumann boundary conditions".</i>	University of Skikda.
14h00-14h20:	BOUDELIOU Ammar;	<i>"A class of retarded integral inequalities for two-variable functions and their applications in Volterra integral equations".</i>	University of Constantine 1.
14h20-14h40:	LATROUS Chahla;	<i>"On a class of nonlocal boundary value problem for second order parabolic equation".</i>	University of Constantine 1.
14h40-15h00:	BENSAHIH Lamia;	<i>"Linearized equation of the problem of two immiscible incompressible viscous fluids."</i>	Higher Normal School of Constantine.



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Workshop 2

10h00-10h20:	LOUNIS Abbas;	<i>"Direct Multiple shooting method for an optimal control problem."</i>	University of Tizi Ouzou.
10h20-10h40:	AMAR YUCEF Abdelkarim;	<i>"On the stability of equilibrium points of ternary cubic autonomous systems of differential equations using invariant theory."</i>	University of USTHB.
10h40-11h00:	BOUCHRA Merdji;	<i>"On the generalized of p-harmonic maps."</i>	University of Mascara.
11h00-11h20:	BEDJGUELEL Chabane;	<i>"Unimodal function in dynamical system "</i>	University of Bejaia.
11h20-11h40:	DAIRA Ibtissem;	<i>"Existence of solution on a time scale for nonlinear impulsive dynamic equations "</i>	University of Souk-Ahras.
11h40-12h00:	AMIOUR Fatima;	<i>"Nonsmooth dynamical system "</i>	University of Jijel.
13h00-13h20:	REDJEL Najeh;	<i>"Some fixed point theorems via measure of weak noncompactness With an application."</i>	Univesity of Souk-Ahras.
13h20-13h40:	GASRI Ahlem;	<i>"Coexistence of generalized synchronization and inverse generalized synchronization between chaotic and hyperchaotic systems."</i>	University of Tebessa.
13h40-14h00:	CHALEKH Randa;	<i>"A smoothing-type algorithm for absolute value equation based on a new smoothing function."</i>	University of Batna 2.
14h00-14h20:	RABIA Afef Amina;	<i>"Limit cycles for fourth-order differential equations via averaging theory "</i>	University of Annaba.
14h20-14h40:	SEDKA Ilyes;	<i>"General Newton method for solving systems of nonlinear Fredholm integral equations "</i>	Univesity of Guelma.
14h40-15h00:	KACEM Noura;	<i>"Applying monte carlo in global optimization "</i>	University of Setif 1.



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Workshop 3

10h00-10h20:	HAMRANI Farida;	<i>"Non parametric relative regression estimation for dependent and randomly left truncated data."</i>	University of USTHB.
10h20-10h40:	REDJIL Amel;	<i>"Optimal Control for G-Stochastic equations with jumps."</i>	University of Annaba.
10h40-11h00:	HAMDAOUI Abdenour;	<i>"On the Performance of Some Special Classes of Shrinkage Estimators Under the Balanced Loss Function."</i>	University of Oran.
11h00-11h20:	BELHAMRA Thara;	<i>"Study of the ruin of an insurance company in the event of natural catastrophe".</i>	University of Annaba.
11h20-11h40:	BOULAKHRAS Gherbal;	<i>"Existence of optimal solutions for optimal control problems of mean-field FBSDEs systems".</i>	University of Biskra.
11h40-12h00:	BENCHERIET Chemesse Ennehar;	<i>"The challenge of deep learning methods in skin detection".</i>	Univesity of Guelma.
13h00-13h20:	YOUSFI Asma;	<i>"The restrictive periodic exponential autoregressive models in time series."</i>	University of Annaba.
13h20-13h40:	MADI Meriem;	<i>"A new rate of Complete Convergence of Kernel Distribution Function Estimator."</i>	University of Jijel.
13h40-14h00:	HEDADJI Chima;	<i>"Numerical analysis of a multi-server retrial model with orbital search."</i>	University of Annaba.
14h00-14h20:	GUERDOUH Dalila;	<i>"Properties of the solution to the FBSDE driven by Teugels martingales".</i>	National Polytechnic School of Constantine.
14h20-14h40:	BOUKELOUA Mohamed;	<i>"Local ϕ-divergence tests under right censoring "</i>	National Polytechnic School of Constantine.
14h40-15h00:	MEZHOUD Kenza Assia;	<i>"Asymptotic properties of nonparametric regressions estimator under dependence".</i>	University of Constantine 1.



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Workshop 4

10h00-10h20:	KADA BEN OTMANE Rida;	<i>"On generalized cheeger-gromoll metric and harmonicity."</i>	University of Mascara.
10h20-10h40:	BENSIKADDOUR Djemaia;	<i>"Bi-harmonic Curves in Lorentz Heisenberg Space."</i>	University of Mostaganem.
10h40-11h00:	GHORAB Elhouari;	<i>"Algebras of rapidly decreasing generalized functions."</i>	University of Mascara.
11h00-11h20:	DILMI Amel;	<i>"Study of the ruin of an insurance company in the event of natural catastrophe."</i>	University of Setif 1.
11h20-11h40:	MOUFFOKI Khadidja;	<i>"p-Biharmonic hypersurfaces in Einstein space and conformally flat space."</i>	University of Mascara.
11h40-12h00:	ALEM Amina;	<i>"On biharmonic sections."</i>	University of Mascara.
13h00-13h20:	GUETTAF Wahid;	<i>"Multi-Robot System Coordination."</i>	University of Msila.
13h20-13h40:	AOUINE Ahmed Chaouki;	<i>"Fixed point theorems for rational type contraction with an application to control theory."</i>	University of Souk-Ahras.
13h40-14h00:	SOUOLA Yamina;	<i>"Chaotic dynamics in two-dimensional maps."</i>	University of Oum El Bouaghi.
14h00-14h20:	KHENNAOUI Cheima;	<i>"On the Resolution of Two-Dimensional Partial Volterra Integro-Differential Equations by Taylor Collocation Method."</i>	University of MILA.
14h20-14h40:	BERGUELLAH Nour Elhouda;	<i>"Cryptographic study of functional message using a chaotic model."</i>	Graduate School of Accounting and Finance of Constantine
14h40-15h00:	MATMAT Chahrazade;	<i>"Two proofs of the Borsuk-Ulam theorem for double coverings of Lens spaces."</i>	University of Constantine 1.