



December 17-20, 2018, Sousse-Tunisia

Poster Sessions



## Poster Session I : Monday December 17, 2018

Name	Title
1. Hayet Benchira	On singular critical elliptic equations of Kirchhoff Type
2. Nassima Nasri	Duals extremum principles for a fourth order contact problem
3. Hind Bouredji	Bias correction at end points in kernel density estimation
4. Radhia Barkat	Fractional-order modified hybrid optical system and its discretization
5. Imane Hafaidia	A new conjugate gradient method
6. Dahbia Hafayed	Risk-Sensitive Stochastic Maximum Principle: Backward Doubly stochastic differential equations
7. Malika Belouerghi	A Consistent Approach to Generating Multiscroll Chaotic Chen Attractors
8. Amel Labadla	Approximation solution for some parabolic equation
9. Manal Djaghout.	Full discretization for some hyperbolic equations.
10. Abdallah Lallouche	Statistical procedures for comparing the forecasting performance of financial time series under volatility derivatives
11. Khanssa Bendahmane	Statistics of incomplete data
12. Abdellatif Ghendir Aoun	Existence of solutions for nonlocal boundary value problem of fractional differential equations on the infinite interval
13. Ibtissem Boukemara	A Neimark-Hopf bifurcation phenomena in two-dimensional piecewise maps



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Poster Sessions



2

Name	Title
14. Abdesslem Bouzidi	Stability and Stabilization of uncertain nonlinear Systems
15. Fatma Jerbi	Theoretical and numerical analysis of fractional differential equations
16. Aida Jrajria	A theoretical and numerical study for a semilinear wave equation in one space dimension
17. Fatima Zeghib	Débruitage des mages par équations différentielles fractionnaires
18. Ines Ben Rzig	Stability and stabilization of time delay systems
19. Abdelkader Kerraci	A novel control law for underactuated nonlinear systems based on the technique of partial linearization
20. Amin Guerouah	Using models ARCH(P) and GARCH(p,q) with monthly data : application for the stock market
21. Bisma Hamidane	Evaluation and converging option in the case of a price model with jumps
22. Mustapha Meghnafi	Logistic equation with p- Laplacian and constant yield harvesting

## Poster Session II : Tuesday December 17, 2018

Name	Title
1. Fatiha Boutaus	Study of some complete abstract second order diereential equations in R+
2. Zineb Kaiserli	An alternative process for solving two-dimensional regular continuous-time fractional linear systems



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Poster Sessions



3

Name	Title
3. Djelloul Benzaied	Monte carlos simulation on the vertex interaction in ${}^6\text{Li}(n, {}^3\text{H})\alpha$
4. Anis Eloud	Modelling of parameters of magnetic water treatment
5. Nahla Ben Salah	Mixtures of Normal Distribution. Water Application
6. Yazid Dendani	Analyse numérique d'une classe des problèmes de contrôle optimal de l'obstacle
7. Sofia Guebli	Application and comparison of survey methods through Sonelga
8. Rabah Khemis	Existence of solutions of a nonlinear boundary value problem with variable delay and integral boundary conditions
9. Hamza Daoudi	Study almost complete convergence of nonparametric estimator of the conditional hazard function with functional explanation for quasi-associated data.
10. Souad Meftahi	On critical singular elliptic equations
11. Selma Boulechfar	Stability result for the thermo-elastic Bresse system with distributed delay term
12. Chahira Allouti	Etude de points fixes à erreurs associées
13. Haifa Ethabet	Interval state estimation for switched linear systems
14. Ailam El Hadj	Numerical and analytical study of a superconducting inductor
15. Hocine Boukabcha	Application of the method of systematic corrections to central potential.



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Poster Sessions



4

Name	Title
16. Messaoud Maouni	Mathematical study of the functional Mumford-Shah fractional with an application in image processing
17. Abdourazek Souahi	Existence and uniqueness of a delay differential equation with uncertainty
18. Nada Bouazila	Newton-like approximation method for Fredholm nonlinear equation
19. Nassima Almi	On Kernel distribution function estimation near end points
20. Abderrezak Metatla	Fault Diagnosis in Induction Motor by Convolutional Neural Networks.
21. Samia Benzahioul	Detection fault in Electrical Systems by support vector machines.
22. Ghania Khenniche	Numerical simulation of steel solidification in continuous casting.
23. Najla Hnia	Asymptotic behaviour of solutions of a class of Volterra integro-differential equation