The First Online International Conference on Pure and Applied Mathematics
Ouargla University, Algeria, May 26-27, 2021, Algeria time

The final program

Probability and Statistics

26.05.2021- -ROOM A Probability and Statistics				GOOGLE MEET
	Chair: Pr. Amina Angelika Bouchentouf			
	Hour	Activity Name	Title	Email
08:30-13:00	08:30-08:45	ROUBI Abdallah	A Maximum Principle for Mean-Field Stochastic Differential Equation with Infinite Horizon	robbimath@gmail.com
	08:45-09:00	Abderaouf Khalfi	A new Threshold model for financial time series analysis	khalfi.doc@gmail.com
	9:00-09:15	Houssem Brairi	A Walsh-Fourier analysis of Schizophrenic Patients' Brain Functional Connectivity	brairih@gmail.com
	9:15-09:30	Tayeb Bouaziz	Adjoint Process for a Backward Doubly SDE via Malliavin Calculus	tayeb.bouaziz@univ-biskra.dz
	9:30-09:45	Djilali Ameur	AEROSOLS AGGREGATION MODELING BASED ON NUMERICAL SIMULATION OF SMOLUCHOWSKI EQUATIONS	d.ameur@yahoo.fr
	09:45-10:00	ABDELMALIK KEDDI	Asymptotic analysis of a kernel estimator of trend function for stochastic differential equation with additive a small weighted fractional Brownian motion	abdelmalikkeddi@gmail.com
	10:00-10:15	HAMRANI Farida	Asymptotic proprietes of non parametric relative regression estimator for associated and randomly left truncated data	farida.h1989@gmail.com
	10:15-10:30	Ikhlasse Chebbab	BERNSTEIN-FRECHET INEQUALITIES FOR NOD RANDOM VARIABLES AND APPLICATION TO AUTOREGRESSIVE PROCESS	chebbab-ikhlasse@outlook.fr
	10:30—11:00	PAUSE		
	11:00-11:15	BEY SIHAM	Convergence of a Nonparametric Regression Estimator for Left Truncated and Right Censored Data	sbey@usthb.dz
	11:15-11:30	Mohammed Es-salih BEN JRADA	DECONVOLVING THE DISTRIBUTION FUNCTION FROM ASSOCIATED DATA: THE ASYMPTOTIC NORMALITY	esslihm1@gmail.com
	11:30-11:45	El Hussein Iz El Islam SOUKEUR	Development of Artificial Neural Network Time Series Model with Stochastic Optimization for the Prediction of Daily Solar Radiation in Oran	soukeur.islam@gmail.com
	11:45-12:00	Sara Meziani	DIFFUSION APPROXIMATION OF A FINITE-SOURCE M/M/1 RETRIAL QUEUEING SYSTEM	smeziani@usthb.dz
	12:00-12:15	abdelaziz bekkicha	Equivariant robust regression estimation for functional single index covariates with responses missing at random	bekkicha.abdelaziz91@gmail.com
	12:15-12:30	Roufaida SOUAKRI	Estimation methods for Periodic INAR(1) Model with Generalized Poisson distribution	roufaidasouakri94@gmail.com
	12:30-12:45	Meriem Mezerdi	Existence of optimal relaxed controls for mean-field stochastic systems	meriem.mezerdi@enst.dz
	12:45-13:00	Chaima HEBCHI	FDA : Local Linear Mode Regression	chaimahabchi@yahoo.fr

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Probability and Statistics

26.05.2021-ROOM B Probability and Statistics					GOOGLE MEET
14:00-19:00	Chair: Pr. Amina Angelika Bouchentouf				
	Hour	Activity Name	Title		Email
	14:00-14:15	ZIAD INES	M^{X}/M/1 queueing system with waiting server, K-variant vacations and impatient customers		zines021@gmail.com
	14:15-14:30	Nadjet Bellatrach	NON PARAMETRIC ESTIMATION WITH K NEAREST NEIGHBORS METHOD		bellatrachnadjet@gmail.com
	14:30-14:45	Ghettab Sarah	Non-parametric density estimation for positive and censored data: Application to Log-normal kernel		sghettab@usthb.dz
	14:45-15:00	Imane Bouazza	NONPARAMETRIC CONDITIONAL DENSITY FUNCTION ESTIMATION FOR RANDOMLY CENSORED DATA		imanebouazza94@gmail.com
	15:00-15:15	Sabrina Ouardia Benzamouche	NONPARAMETRIC RELATIVE ERROR ESTIMATION OF THE REGRESSION FUNCTION FOR TWICE CENSORED DATA AND UNDER α– MIXING CONDITION		sabrina_benzamouche@yahoo.com
	15:15-15:30	Sara Iman ZEMOUL	Normalité asymptotique de l'estimateur du coeffcient d'un AR[1] sous dépendance faible		saraimanezsi@gmail.com
	15:30-15:45	kadi mokhtar	On a multiserver queueing system with customers' impatience until the end of service under single and multiple vacation policies		kadi1969@yahoo.fr
	15:45-16:00	Nesrine BENAKLEF	ON FRACTIONAL AUTOREGRESSIVE MODEL OF ORDER 1 WITH A PERIODIC COEFFICIENT		benyakhlefnesrine@gmail.com
	16:00-16:15	PAUSE			
	16:15-16:30	Djillali Seba	ON FRACTIONAL AUTOREGRESSIVE PROCESS OF ORDER 1 WITH STRONG MIXING ERRORS		sebadjillali833@gmail.com
	16:30-16:45	benchiha sidahmed	ON GENERALIZED QUASI LINDLEY DISTRIBUTION: GOODNESS OF FIT TESTS		benchiha_sidahmed@yahoo.fr
	16:45-17:00	ASMA GHELIEM	ON ROBUST ESTIMATION FOR INCOMPLETE AND DEPENDENT DATA : SOME SIMULATIONS		agheliem@usthb.dz
	17:00-17:15	Latifa ADJOUDJ	On the behavior of Lynden Bell estimator under association		ladjoudj@usthb.dz
	17:15-17:30	Abdelkader Benkhaled	On the estimation of the mean of a multivariate normal distribution under the Balanced Loss Function		abdelkader.benkhaled@univ-mascara.dz
	17:30-17:45	PAUSE			
	17:45-18:00	Elhacène Chalabi	On the existence and stability of solutions of stochastic differential systems driven by G-Brownian motion		elhacene25@gmail.com
	18:00-18:15	Omar Fetitah	Uniform consistency of a nonparametric relative error regression estimator for functional regressors under right censoring		fetitah-omar@hotmail.com
	18:15-18:30	yamina khatir	The properties of stochastic flows generated by the one default model in multi-dimensional case		aminakhatir12@gmail.com
	18:30-18:45	ahlem ghouar	Une nouvelle distribution Tronquée		ghouar.ahlem@essg-annaba.dz
	18:45-19:00	BOUGHRARA SABRINA	L'ESTIMATION DU PARAMERTE DE FITNESS		
	19:00-19:15	Wahiba Bouabsa	Local linear functional estimation of the conditional density with application to the mode function		

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27.05.2021- ROOM A					GOOGLE MEET
13:30-19:30	Chair: Pr. Amina Angelika Bouchentouf				
	Hour	Activity Name	Title		Email
	13:30-13:45	Somia Ayad	ON THE LOCAL LINEAR MODELIZATION OF THE CONDITIONAL MODE FOR FUNCTIONAL AND ERGODIC DATA		somiahadil@gmail.com
	13:45-14:00	Mohamed Amine Mezerdi	On the solution of Mckean-Vlasov equations via small delays		amine.mezerdi@univ-biskra.dz
	14:00-14:15	Lahcene Yahiaoui	Optimum Cost Analysis For a Discrete-Time Multiserver Working Vacation Queueing System With Customer's Impatience		lahceneya8@gmail.com
	14:15-14:30	Hakima Miloudi	Partially observed optimal control problem for McKean-Vlasov type EDSs		aicha26sor@gmail.com
	14:30-14:45	Mohamed Djemaa SADOUN	Periodic integer-valued AR(p) process for modeling and forecasting seasonal counts phenomena		mo-hamedsadoun@outlook.fr
	14:45-15:00	Sabrina Guesraya	Problem of BSDE under G -Brownian Motion		imaneachour1995@gmail.com
	15:00-15:15	Mohamed BELAIDI	PROCESSUS MARKOV GENERALISE ESPACE HILBERT		mbelaidi6@yahoo.fr
	15:15—15:30	PAUSE			
	15:30-15:45	ROUBI Abdallah	QUADRATIC BSDES WITH TWO REFLECTING BARRIERS AND A SQUARE INTEGRABLE TERMINAL VALUE		robbimath@gmail.com
	15:45-16:00	Nour El Houda Bouaicha	Regime switching Merton model under general discount function: Time-consistent strategies		houda.math07@gmail.com
	16:00-16:15	Hayat Ramdani	RETRIAL QUEUEING MODEL WITH BERNOULLI FEEDBACK AND ABANDONED CUSTOMERS		hayatramdani1993@gmail.com
	16:15-16:30	Benseradj Hassiba	Robust version of the least squared cross-validation (RLSCV) method under incomplete and dependent data		h.benseradj@univ-boumerdes.dz
	16:30-16:45	Zohra Djeridi	Sample Size Calculations in Phase II Clinical Trials Using the Prediction of Satisfaction Design		zdjeridi2002@yahoo.fr
	16:45-17:00	Nour El Hayet Ladaouri	Sensitivité des performances de l'estimateur à noyau d'une densité conditionnelle au choix du paramètre de lissage		nour2017mi@gmail.com
	17:00-17:15	Makhlouf Khouloud	SPDEs with space interactions - a model for optimal control of epidemics		khoulkhoul23@gmail.com
	17:15—17:30	PAUSE			
	17:30-17:45	Meriyam Dassa	Stability of controlled stochastic differential equations driven by G-Brownian motion		meriyam.dassa@univ-biskra.dz
	17:45-18:00	Mohamed Boukeloua	TESTS OF INDEPENDENCE AND GOODNESS-OF-FIT FOR COPULA MODELS WITH BIVARIATE CENSORED DATA		boukeloua.mohamed@gmail.com
	18:00-18:15	HAMZA DAOUDI	THE ALMOST COMPLETE CONVERGENCE OF THE CONDITIONAL HAZARD FUNCTION ESTIMATOR CASE ASSOCIATED DATA IN HIGH-DIMENSIONAL STATISTICS		daoudiham63@gmail.com
	18:15-18:30	Nour Elhouda Guesmia	The conditional tail expectation of a heavy-tailed distribution under random censoring		nourelhouda.guesmia@univ-biskra.dz
	18:30-18:45	Elhacène Chalabi	THE EXISTENCE RESULT OF SOLUTION FOR G-STOCHASTIC DIFFERENTIAL EQUATION		elhacene25@gmail.com
	18:45-19:00	meriem benhachiche	The performance evaluation of the Pattern Informatics method: a retrospective analysis for Japan and the Ibero-Maghreb regions		benhachichemeriem@gmail.com
	19:00:19:15	Imane REHOUMA	Threshold Spatial non-dynamic panel data		reh.imene@gmail.com
	19:15-19:30	Lellou Chahrazed	ON THE ESTIMATION OF MARKOV-SWITCHING PERIODIC GARCH MODEL		lellou.chahrazed@gmail.com

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