

Name: BAHI Oussama

Rank: Maitre de Conference B

Department: Preparatory class

Email Address: oussama.bahi@enp-constantine.dz, bahi.oussama2@gmail.com

Educational Profile:

- Doctorat Science/PhD in Applied probabilities, University Constantine 1, Algeria
- Master in Mathematics applied in Economics and Finance, University Constantine 1, Algeria
- License in Algebra, University Constantine 1, Algeria

List of Journal Publications

1. Ammar Abdelli and Oussama Bahi and Soufian Ben Boukkeur and Messaoud, Kermiche 2022, Mathematical modeling and 3D numerical simulation of a solar pond exposed to two solar reflectors, Advances in Mathematics: Scientific Journal 11 (2022), no.8, 671–695 ISSN: 1857-8365 (printed); 1857-8438 (electronic)
<https://doi.org/10.37418/amsj.11.8.4>
2. Oussama Bahi and Ammar Abdelli, EXPERIMENTAL AND 3D NUMERICAL SIMULATION OF THREE SOLAR PONDS WITH DIFFERENT LEVEL OF TURBIDITY: DOUGLAS-GUNN ADI APPROACH, Advances in Mathematics: Scientific Journal 11 (2022), no.4, 275–299 ISSN: 1857-8365 (printed); 1857-8438 (electronic)
<https://doi.org/10.37418/amsj.11.4.1>
3. Abdelli Ammar, Hocine Sissaoui, Messaoud Kermiche, and Bahi Oussama, 2022, MODELISATION AND NUMERICAL SIMULATION OF SALT GRADIENT SOLAR POND: THE ALTERNATING DIRECTION IMPLICIT METHOD, Advances in Mathematics: Scientific Journal 11 (2022), no.5, 469–497 ISSN: 1857-8365 (printed); 1857-8438 (electronic)
<https://doi.org/10.37418/amsj.11.5.4>
4. Mostefa Bensaada , Mohamed Amine Smaali , Oussama Bahi, Khalid Bouhedjar d, Foudil Khelifa, Ferial Sellam, Saad Mebrek, 2021, Improvement of SARS-COV-2 screening using pooled sampling testing in limited RT-qPCR resources , Journal of Virological Methods, Volume: 300, special issue, page: 114421,ISSN: 0166-0934, doi:
<https://doi.org/10.1016/j.jviromet.2021.114421>
5. M. Dakhmouche and O. Bahi. 2019, Analysis of breast cancer data in framework of a GPD model with interval censoring, Electronic Journal of Applied Statistical Analysis, 12.2 (2019): 380-391, ISSN: 2070-5948
6. M. Dakhmouche and O. Bahi. 2019 Asymptotic properties of maximum pseudo-likelihood estimators of GPD model parameters with interval censoring, Pakistan Journal of Statistics, Vol. 35(1), 65-74, ISSN: 10129367

List of Conference Papers

1. Oussama, BAHI 2022, Modélisation des valeurs extrêmes : Application à la précipitation en Tamanrasset, 6th International Workshop on Applied Mathematics and Modelling WIMAM'2022
2. O. Bahi & M. Dakhmouche. 2017, Estimation in GPD models with interval censoring. The First International Conference on the Evolution of Contemporary Mathematics and their Impact in Sciences and Technology Oct 2017. Constantine. Algeria.
3. O. Bahi & M. Dakhmouche. 2016 Théorie des Valeurs Extrêmes: Application au Calcul de Risques International, Conference of the Euro-Maghreb Laboratory of Mathematics and their Interaction". Tunisie. Avril 2016.