

Curriculum vitae

Dr. Nour El Houda ZOUAOUI , Professor in mathematics

Birth day : 21/10/1994 at Biskra

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Current situation

- **Lecturer professor Class –B-** in mathematics at "Mohamed Khider" university of Biskra from 06/12/2021 until now.

Degrees Held

Nov 2018- Aug 2021: Ph.D. degree in mathematics with specialty of statistics at the department of mathematics in university of Jordan. The thesis is under the supervision of Pr. **Mohammad Z. Raqab**.

Subject: "**The extropy of ordered variates: Bounds and related characterizations**".

Sep 2016- Jun 2018: Master's degree of applied mathematics at "Mohamed Khider" University of Biskra, mathematics department. The thesis is under the direction of Pr. **Yahia Djabrane**.

Subject: "**Parametric Regression Estimation**".

Sep 2013- Jun 2016: Bachelor's degree of mathematics at "Mohamed Khider" University of Biskra, mathematics department.

Jun 2013: Scientific baccalaureate at high school "Mohamed Bejaoui", El Alia Biskra.

Other certificates

- TOEFL test certificate with C1 level, 2018, Jordan University, Jordan.
- Trainer certificate for Moodle platform at university of Biskra under the distance education project for horizontal units, 2022-2023.
- Trainer certificate for Complementary training in ICT students (Literatur search, Latex, and R) for the benefit of PhD 2023.

Publications

National Communications

- زواوي سامية، زواوي نور الهدى، رزاق خالد، (2021)، " الصراع اللغوي وإنعكاساته على البحث العلمي". الملتقى الوطني الأول أسس ومناهج البحث العلمي بجامعة محمد بوضياف بالمسيلة يومي 13-14 ديسمبر 2021.
- Nour El Houda Zouaoui, Samia Zouaoui (2023), "**Bayesian estimation of extropy based on record statistics for weibul distribution**". The First National Applied Mathematics Seminar 1st NAMS'23, 14-15 May, 2023, Biskra, Algeria.

International Communications

- Nour El Houda Zouaoui (2021), «**A review: Challenges of medical mathematics**». The First Virtual Arab International Conference in Medical , Industrial and Artistic Mathematics, Qamous Academy for Research and Translation, 23-24 Sep, Britain .
- Zouaoui Samia and Zouaoui Nour El Houda (2022), « **Electronic Security Challenges and Their Impact on Algeria's Readiness for Digital Transformation** ».The International Conference Algeria and cyber threats: towards a cyber-secure future, Adrar, Algeria.
- Z. Samia, Z. NourElhouda and Z. Warda, "**AI Technologies for Predicting and Preventing Road Accidents - A Review**," 2022 International Symposium on iNnovative Informatics of Biskra (ISNIB), Biskra, Algeria, 2022, pp. 1-6, doi: 10.1109/ISNIB57382.2022.10075776.

- زواوي نور الهدى (2021)، "دور التعليم الإلكتروني خلال جائحة كورونا وأثره على قطاع التعليم العالي". المؤتمر العلمي الدولي الأول عن بعد لجودة التعليم في العالم العربي: واقع واستشراف مستقبلي، لأكاديمية القاموس للأبحاث والترجمة في بريطانيا يومي 29-30 ديسمبر 2021.
- زواوي سامية، زواوي نور الهدى (2022)، "تحديات الأمن الإلكتروني وتأثيره على جاهزية الجزائر للتحويل الرقمي". ملتقى دولي عن بعد حول: الجزائر والتحديات السيبرانية: نحو مستقبل آمن سبيرانيا جامعة أحمد دراية – أدرار، يومي 09-10 مارس 2022.

International Publications

- Nour El Houda Zouaoui and Mohamed Z Raqab (2022), « **Evaluation of the uncertainty increments for the records and related characterizations**». Journal of Applied Probability and Statistics 17(2), 021-034.

Conferences Organizing Committees

- A Member of the Organizing Committee, The Virtual First Arab International Conference in Medical, Industrial and Artistic Mathematics, 23-24 Sep, 2021, Britain.
- A Member of the Organizing Committee, The first international online scientific conference on the quality of education in the Arab world: reality and future prospects, 29-30 Dec, 2021, Britain.
- A member of the Trainer committee for Complementary training in ICT students (Literatur search, Latex, and R) for the benefit of PhD 2023.
- A Member of the Organizing Committee, The First National Applied Mathematics Seminar 1st NAMS'23, 14-15 May, 2023, Biskra, Algeria.

Service to University

- A member of committee for establishing distance education, University of Biskra, from Jan 2023 until now.
- Instructor in training on the Moodle platform at the University of Biskra.

Langages

Arabic: mother language, Amazegh: Good, French: Good, English: Very Good.