
Curriculum Vitae

Mohammed yasin

- **Personal Data**

- Full Name: Mohammed Jamal Mohammed "BoriniYasin".
- Birth: April 24, 1988 in Palestine.
- Nationality: Palestinian.
- Social Status: Married.
- Current Address: An-Najah National University, Nablus, Palestine.
- E-mail: m.yasin@najah.edu .
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- **Academic Qualifications**

- 12-07-2019. PhD of Applied Mathematics-Approximation Theory, Department of Mathematics – *University of Granada*, Granada-Spain.
Thesis Title: Fuzzy data approximation using smoothing methods by multivariate splines and radial basis spaces. Similarity and error analysis:
Prof. Dr. Miguel Passadas, *University of Granada*, Granada-Spain.
Prof. Dr. Pedro Rodelas, *University of Granada*, Granada-Spain.
- 2010-2012. MSc of Computational Mathematics, *An-Najah National University*, Palestine.
- 2006-2010. BSc of Mathematics, *An-Najah National University*, Palestine.

- **Employment**

- Current Job Director of E-Learning Center
- 2023-2024 Head of natural Science Department
- 2020-2022 Head of Mathematics Department at An-Najah National University.
- 2018- now Assistant Professor at *An-Najah National University*.
- 2013–2018 A Part – time lecturer , *An-Najah National University*, Nablus.
- 2013–2015 A part – time lecturer, *Al- Quds Open University*, Nablus-Palestine
- 2011–2013 Teacher, *UNRWA schools of Education And Higher Education*, Alaqrabania-Nablus-Palestine.

- **Field of Research Interests**

Research interest in applied mathematics and numerical analysis with emphasis on:

- Simulation,
- Approximation theory ,
- Partial Differential Equations,
- Integral Equations,
- Operation research.

- **Conferences and Workshops**

- The 7th international conference on approximation methods and numerical modeling in environment and natural resources, (mamern vii 2017), OUJDA-MOROCCO, 18 May 2017, approximation by fuzzy smoothing cubic splines.
- The 7th international conference on approximation methods and numerical modeling in environment and natural resources, (mamern vii 2017),OUJDA-MOROCCO, 19 May 2017, bicubic spline interpolation.
- Every meromorphic map is the Gauss map of a conformal minimal surface, IEMATH –Granada, 2017.
- The 2nd CfP, CMMSE 2018, 9-13 July 2018, Cadiz, Spain, Approximation of fuzzy data by interpolation error using similarity measures.
- The 6th Annual Symposium on Education and New Learning Methodologies Efficient Ecosystems for Industry-Based Learning Models, September 8, 2018, An-Najah University, Nablus, Palestine.
- Symposium on Simulation Technology-based Sciences and Engineering, RamallahPalestine, 7-9 March 2019, Dose Selection Using Utility Index to Evaluate RiskBenefit of Several Doses.
- Symposium on Simulation Technology-based Sciences and Engineering, RamallahPalestine, 7-9 March 2019, Dose Selection Using Utility Index to Evaluate RiskBenefit of Several Doses.
- Optimal centers allocation using smoothing radial basis functions (M. Boriniyasin, P. Gonz'alez-Rodelas, H. Idais and M. Pasadas), MACMAS 2019 International Conference September 9-11, 2019 Granada, Spain.
- Approximation error analysis of 3D fuzzy data using radial basis functions (M. Boriniyasin, P. Gonz'alez-Rodelas, H. Idais and M. Pasadas), MACMAS 2019 International Conference September 9-11, 2019 Granada, Spain.

- **Publications**

- Evolutionary computation of optimal knots allocation in smoothing splines of two variables, International Journal of Computational Intelligence Systems", Volume 11, Issue 1, 2018, Pages 1294 – 1306.
- Approximation of fuzzy functions by fuzzy interpolating bicubic splines, "Journal of Mathematical Chemistry (JOMC)", 2019, 57, pages1252–1267.
- 3D fuzzy data approximation by fuzzy smoothing bicubic splines, Journal of mathematics and computer in simulation, Volume 164, 2019, Pages 94-102.
- Fuzzy data approximation using smoothing methods by multivariate splines and radial function basis spaces. Similarity and error analysis, *University of Granada, Granada-Spain*, 2019.
- Optimal knots allocation in the bicubic spline interpolation problem, Journal of mathematics and computer in simulation, 2019, vol. 164(C), pages 131-145.
- Approximate bound state solutions for certain molecular potentials, Journal of Applied Mathematics and Physics (JAMP), 2021, vol. 9 (4).
- Approximation of 3D fuzzy data using radial basis functions, Journal of Fuzzy sets and system, 2022.
- Radial basis function for solving Volterra Integral equation, International Journal of Statistics and Applied Mathematics, 2023.