Curriculum Vitae

Mohammed yasin

- **Personal Data**
    - o Full Name: Mohammed Jamal Mohammed ''BoriniYasin''.
    - o Birth: April 24, 1988 in Palestine.
    - o Nationality: Palestinian.
    - o Social Status: Married.
    - o Current Address: An-Najah National University, Nabulus, Palestine.
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- **Academic Qualifications**
    - o 2015-2019. 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.
    - o 2010-2012. MSc of Computational Mathematics, *An-Najah National University*, Palestine.
    - o 2006-2010. BSc of Mathematics*, An-Najah National University*, Palestine.

- **Employment**
    - o Current Job   Assistant Professor at *An-Najah National University*.
    - o 2013–2018   A Part – time lecturer , *An-Najah National University*, Nablus.
    - o 2013–2015   A part – time lecturer, *Al- Quds Open University*, Nablus-Palestine
    - o 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:
    - o Modeling and Simulation,
    - o Approximation theory ,
    - o Partial Differential Equations,
    - o Integral Equations,
    - o Operation research.

- **Conferences and Workshops**
  - The 7th international conference on approximation methods and numerica modeling in environment and natural resources, (mamern vii 2017), OUJDA-MOROCO, 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-MOROCO, 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 Methodolgies Efficient Ecosystems for Industry-Based Learning Models, September 8, 2018, An-Najah University, Nablus, Palestine. o ymposium on Simulation Technology-based Sciences and Engineering, RamallahPalestine, 7-9 March 2019, Dose Selection Using Utility Index to Evaluate RiskBenefit of Several Doses.
  - ymposium 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, January 2018, Pages 1294 – 1306.
  - The interpolation error of fuzzy data in 3D using similarity measures of fuzzy numbers, "Journal of Mathematical Chemistry (JOMC)", 1-16 .
  - 3D fuzzy data approximation by fuzzy smoothing bicubic splines, Journal of mathematics and computer in simulation, Volume 164, October 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.
  - Optimal knots allocation in the bicubic spline interpolation problem, Journal of mathematics and computer in simulation, vol. 164(C), pages 131-145.
  - Approximation error analysis of 3D fuzzy data using radial basis functions, Journal of mathematics and computer in simulation, (still under revision).

- **Teaching Experience**
  - **Courses:** Numerical Analysis, Vector Analysis, Differential Equations, Applied Mathematics, Engineering Mathematics, Calculus, Applied Statistics, Numerical Linear Algebra, Special Topics, Numerical Analysis.

- **Languages**
  - Arabic: Native, English: Very good, Spain: good.

- **Skills**
  - Computer skills, matlab, minitab , SPSS, Word, Excel, Power Point, Internet Explorer
  - Writing in LATEX
  - Strong communications and interpersonal skills.
  - Ability to work in teams and independently.
  - Self-disciplined with good time-management skills.

- **References**
  - Prof. Dr. Pedro Rodelas, Department of applied mathematics. E.T.S.I.C.C.P.(Campus de Fuentenueva)University of Granada. Granada, 18071 Tel.- 00(34) 958 246190.
  - Dr. Mohammad A. Al-Amleh Department of Mathematics An-Najah National University Nablus, Palestine Phone: Home (09)2347105 Office(09)2370042.