

CURRICULUM VITAE

PERSONAL DATA

Name	Ghaliah Yahya Mohammed Alhamzi
Nationality	Saudi Arabian
Position	Assistant Professor
E-Mail	gyalhamzi@imamu.edu.sa
Phone	011 259 8788

EDUCATION

Year	Academic Degree	Institution
2012-2015	Doctoral (Ph.D.) in Mathematics "Noncommutative Geometry	Swansea University, UK.
2010-2011	Master (MSc) in Mathematics and Computing for Finance (with distinction	Swansea University,
1999 - 2003	Bachelor (BSc) in Mathematics (Excellent with honors	Jazan University, Kingdom of Saudi Arabia
2004 - 2005	Diploma in Computer	Jazan, Kingdom of Saudi Arabia Saudi Institute

WORK EXPERIENCE

Period	Position	Address
2019-2022	Academic Visitor	Mathematics Department, Swansea University, United Kingdom.
2016-Present	Assistant Professor	Department of Mathematics, College of Science, Imam University.
2013-2016	Lecturer	Department of Mathematics, College of Science, Imam University.
2013-2014	Teaching Assistant	Mathematics Department, Swansea University, United Kingdom.
2011-2012	Teacher	Saudi School, Swansea, United Kingdom.

2005–2008	Teacher	Ministry of Education.
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RESEARCH INTERESTS

Noncommutative Geometry

Differential Geometry

Probability

Fuzzy Algebra

PUBLICATIONS

1-Salleh, Z., Alhamzi, G., Masmali, I., & Alhawarat, A. (2021). A Modified Liu and Storey Conjugate Gradientor Large Scale Unconstrained Optimization Problems. *Algorithms*, 14(8), 227.

2-Alhawarat, A., Alhamzi, G., Masmali, I., & Salleh, Z. (2021). A descent four-term conjugate gradient methodwith global convergence properties for large-scale unconstrained optimisation problems. *Mathematical Problems in Engineering*, 2021.

3-Alhamzi, G. and Beggs, E., 2022. The Exponential Map for Hopf Algebras. *SIGMA. Symmetry, Integrability and Geometry: Methods and Applications*, 18, p.017.

4-Masmali, I., Shuaib, U., Razaq, A., Fatima, A. and Alhamzi, G., 2022. On Fundamental Algebraic Characterizations of-Fuzzy Normal Subgroups. *Journal of Function Spaces*, 2022.

5-Razaq, A., Alhamzi, G., Razzaque, A. and Garg, H., 2022. A Comprehensive Study on Pythagorean Fuzzy Normal Subgroups and Pythagorean Fuzzy Isomorphisms. *Symmetry*, 14(10), p.2084.

6-Razaq, A. and Alhamzi, G., 2023. On Pythagorean fuzzy ideals of a classical ring. *AIMS Math*, 8, pp.4280-4303.

7-Alhamzi, G., Javaid, S., Shuaib, U., Razaq, A., Garg, H. and Razzaque, A., 2023. Enhancing Interval-Valued Pythagorean Fuzzy Decision-Making through Dombi-Based Aggregation Operators. *Symmetry*, 15(3), p.765.

8-Alhamzi, G. and Beggs, E., 2023. Differentiating the State Evaluation Map from Matrices to Functions on Projective Space. *Symmetry*, 15(2), p.474.

9-Razzaque A Razaq A Alhamzi G Garg H and

Faraz, M.I., 2023. A Detailed Study of Mathematical Rings in q-Rung Orthopair Fuzzy Framework. *Symmetry*, 15(3), p.697.

10-Masmali, I., Hassan, R., Shuaib, U., Razaq, A., Razzaque, A. and Alhamzi, G., 2023. Stock Reordering Decision Making under Interval Valued Picture Fuzzy Knowledge. *Symmetry*, 15(4), p.898.