

Khaleed Ahmad Alhazaymeh

Curriculum Vitae

Aqaba
Aqaba
Jordan

+962772697158

+96227315236

kh.hazaymeh@ju.edu.jo



Personal Details

Nationality Jordanian
Date of Birth 17 August 1984
Address Department of Mathematics, Faculty of Basic and Marine Sciences, The University of Jordan-Aqaba, Aqaba, Jordan.
Academic Rank Assistant Professor (March 2022- Present)

Education

2011–2015 **Doctor of Philosophy (Mathematics)**, *National University of Malaysia (UKM)*, Malaysia.

Title *Generalisations On Vague Soft Set And Vague Soft Expert Set*

Supervisors Ass. Prof. Nasruddin Hassan

2009–2011 **Master of Science (Mathematics)**, *National University of Malaysia (UKM)*, Malaysia, 3.30.

Very Good

Title *Soft intuitionistic fuzzy sets*

Supervisors Ass. Prof. Nasruddin Hassan

2003–2006 **Bachelor of Science (Mathematics & statistics)**, *Al Al-Bayt University*, Jordan, 69.

Good

2001–2002 **The General Secondary School**, *Alzarnwji School*, Jordan, 72.

Experience

March 2022– **Assistant Professor**, *The University of Jordan*, Jordan.

Present Full time

Jan 2021– **Associate Professor**, *Philadelphia University*, Jordan.

March 2022 Full time

Sep 2015– **Assistant Professor** , *Philadelphia University*, Jordan.
 Jan 2021 Full time

May 2015– **Assistant Professor** , *Hashemite University*, Jordan.
 July 2015 Part time

Sep 2011– **Math Teacher**, *Libyan School*, Kuala Lumpur, Malaysia.
 March 2014 Full time

2006– 2008 **Banker**, *Jordanian Islamic Bank*, Jordan.
 Full time

Languages

Arabic **Excellent Reading, Writing, and Speaking (native language)**
 English **Very good Reading, Very good Writing, and good Speaking**
 Malay **Two Courses in Bahasa Malaya as a Foreign Language I & II, Universiti Kebangsaan Malaysia (UKM)**

Computer skills

LATEX Excellent experience in writing
 Math Type Excellent
 Word Excellent
 Power Point Excellent

Research Interests

Soft Set
 Fuzzy Soft Set
 Vague Soft Set
 Generalization of Vague Soft Set
 Intuitionistic Fuzzy Set
 Complex Fuzzy Set
 Relation and Functions on Soft Set
 Soft intuitionistic fuzzy set
 Fuzzy soft set

Courses Taught

I have taught most of the courses usually offered in an undergraduate mathematics program. These include:

Calculus, Advanced Calculus, Linear Algebra 1, Linear Algebra 2, Abstract Algebra 1, Abstract Algebra 2, Group Theory, Principle of Statistics, Mathematical Statistics, Probability, Selected topics in Mathematics, Ring Theory, Euclidean Geometry.

skills

- Using Advanced Methods in Teaching

- Training Intel Education for teachers
- Highly motivated
- Good communication skills
- Ability to adapt to new environments
- Team spirit
- High ability in learning any computer language or software

Research Experience

2015– 2022 **Assistant Professor**, *Philadelphia University, Jordan*.

- Vague Soft Set Relation Mappings (ISI Q1);
- Ordering on Vague Soft Set (Scopus);
- Vague soft expert set and its application in decision making (Scopus);
- Neutrosophic Cubic Einstein Hybrid Geometric Aggregation Operators With Application in Prioritization Using Multiple Attribute Decision Making Method (JCR Q1);
- Einstein-operations on vague soft set (ISI Thomson).
- Cubic vague set and its application in decision making. (JCR)

2011– 2015 **PhD Student**, *School of Mathematical Sciences, National University of Malaysia (UKM)*.

- Generalized vague soft set and its applications;
- Possibility vague soft set and its application in decision making;
- Interval-valued vague soft sets and its application;
- Generalized interval-valued vague soft set;
- Possibility interval-valued vague soft set;
- Generalized vague soft expert set;
- Application of generalized vague soft expert set in decision making;
- Mapping on generalized vague soft expert set;
- Vague soft multiset theory;
- Vague soft set relations and functions;

2009– 2011 **Master Student**, *School of Mathematical Sciences, National University of Malaysia (UKM)*.

- Soft intuitionistic fuzzy sets

Proceedings (International Conferences)

- Hassan, N. and Alhazaymeh, K. 2013. Vague soft expert set theory. AIP Conference Proceedings 1522: 953–958. (ISI Thomson);
- Alhazaymeh, K. and Hassan, N. 2013. Generalized vague soft expert set theory. AIP Conference Proceedings 1571: 970–974. (ISI Thomson);
- Khaleed Alhazaymeh and Nasruddin Hassan. 2017. Einstein-operations on vague soft set. AIP Conference Proceedings 1830: 070001–6. (ISI Thomson).

Memberships

2021-2022 **Leader**, Social Committee, The faculty of Basic and Marine Sciences, The University of Jordan.

2021-2022 **Leader**, Faculty Council, The faculty of Basic and Marine Sciences, The University of Jordan.

- 2021-2022 **Member**, Examination Committee, The faculty of Basic and Marine Sciences, The University of Jordan.
- 2018-2019 **Member**, Jordan Innovation Center Council, Philadelphia University.
- 2018-2019 **Member**, Development and Distance Learning Council, Philadelphia University.
- 2015-2018 **Member**, Distance Learning Council, Philadelphia University.

Workshops

- 23-24 Higher Education Learning Strategies in the 21th Century organized by British
October 2019 Council and Ministry of Higher Education and Scientific Research in Princess Sumaya University for technology, Jordan.
- 20-21 Navigating Research Excellence organized by British Council and Ministry of Higher
November Education and Scientific Research in Philadelphia University, Jordan.
2019
- 16-17 Civic Engagement organized by British Council and Ministry of Higher Education
December and Scientific Research in Al-Ahliyya University, Jordan.
2019
- 20-21 Leadership and Management organized by British Council and Ministry of Higher
January 2020 Education and Scientific Research in University of Petra, Jordan.

Publications

1. Alhazaymeh, K. and Hassan, N. 2015. Vague soft set relations and functions. *Journal of Intelligent and Fuzzy Systems* 28(3): 1205–1212, doi: 10.3233/IFS-141403. (2014 Impact Factor: 2.4, ISI, Q2).
2. Alhazaymeh, K. and Hassan, N. 2014. Vague soft multiset theory. *International Journal of Pure and Applied Mathematics* 93(4): 511–523. (SCOPUS).
3. Alhazaymeh, K. and Hassan, N. 2014. Mapping on generalized vague soft expert set. *International Journal of Pure and Applied Mathematics* 93(3): 369–376. (SCOPUS).
4. Alhazaymeh, K. and Hassan, N. 2014. Application of generalized vague soft expert set in decision making. *International Journal of Pure and Applied Mathematics* 93(3): 361–367. (SCOPUS).
5. Alhazaymeh, K. and Hassan, N. 2014. Generalized vague soft expert set. *International Journal of Pure and Applied Mathematics* 93(3): 351–360. (SCOPUS).
6. Alhazaymeh, K. and Hassan, N. 2013. Possibility interval-valued vague soft set. *Applied Mathematical Sciences* 7(140): 6989–6994. (SCOPUS).
7. Alhazaymeh, K. and Hassan, N. 2013. Generalized interval-valued vague soft set. *Applied Mathematical Sciences* 7 (140): 6983–6988. (SCOPUS).
8. Alhazaymeh, K. and Hassan, N. 2012. Interval-valued vague soft sets and its application. *Advances in Fuzzy Systems* Article ID 208489. 7 pages doi: 10.1155/2012/208489. (SCOPUS).

9. Alhazaymeh, K. and Hassan, N. 2012. Possibility vague soft set and its application in decision making. *International Journal of Pure and Applied Mathematics* 77(4): 549–563. (SCOPUS).
 10. Alhazaymeh, K. and Hassan, N. 2012. Generalized vague soft set and its applications. *International Journal of Pure and Applied Mathematics* 77(3): 391–401. (SCOPUS).
 11. Alhazaymeh, K. , Halim, S. A. Salleh, A. R. and Hassan, N. 2012. Soft intuitionistic fuzzy sets. *Applied Mathematical Sciences* 6(54): 2669–2680. (SCOPUS).
 12. K. Alhazaymeh. et al. 2015. Vague Soft Set Relation Mappings. *Global Journal of Pure and Applied Mathematics* 77(5): 3195-3202.
 13. K. Alhazaymeh. et al. 2015. Ordering on Vague Soft Set. *Global Journal of Pure and Applied Mathematics* 11(5): 3189-3193.
 14. Khaleed Alhazaymeh and Nasruddin Hassan. 2017. Einstein-operations on vague soft set. *AIP Conference Proceedings* 1830: 070001–6. (ISI Thomson).
 15. Khaleed Alhazaymeh and Nasruddin Hassan, 2017. Vague soft expert set and its application in decision making. *Malaysian Journal of Mathematical Sciences*, 11(1), 23-39.
 16. Khaleed Alhazaymeh, Muhammad Gulistan, Majid Khan and Seifedine Kadry, 2019. Neutrosophic Cubic Einstein Hybrid Geometric Aggregation Operators with Application in Prioritization Using Multiple Attribute Decision-Making Method. *Mathematics*, 7 (4), 1–16.
 17. Khaleed Alhazaymeh, Yousef Al-Qudah, Nasruddin Hassan and Abdul Muhaimin Nasruddin, 2020. Cubic Vague Set and its Application in Decision Making. *Entropy*, 22, doi:10.3390/e22090963.
 18. Yousef Al-Qudah, Khaleed Alhazaymeh, Nasruddin Hassan, Hamza Qoqazeh, Mohammad Almousa, and Mohammad Alaroud, 2022. Transitive Closure of Vague Soft Set Relations and its Operators. *International Journal of Fuzzy Logic and Intelligent Systems* 2022; 22(1): 59-68.
- or more information please follow [Click here](#)

References

- Assoc. Prof. School of Mathematical Science, Faculty of Science and Technology, National
Nasruddin University of Malaysia (UKM), Malaysia (Thesis supervisor) nas@ukm.my
Hassan
- Ass. Prof. Assistant Professor in Mathematics Hazara University Mansehra, KP gulis-
Muhammad tanm21@yahoo.com Cell No: 0092-3219835529 Pakistan
Gulistan
- Ass. Prof. Mathematics Department, Faculty of Science, Philadelphia University, Amman,
Anas Jordan atawallbeh@philadelphia.edu.jo Telephone: +962795476815
Altawalbeh