Professor Dr. Faisal Mohammad Alkassasbeh

Department of Mathematics & Statistics

Faculty of Science

Mutah University

Jordan

Personal Data.

- ➢ **Place of Birth**: Alkarak / Jordan
- ➢ **Place and date of Birth**: 1 August 1972.
- ➢ **Nationality**: Jordanian.
- ➢ **Sex**: Male
- ➢ **Marital Status**: Married. One daughter and two sons.
- ➢ **Address**: Department of Mathematics & Statistics

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Scientific Degrees.

Degree	Field	University	Country	Year
❖ PhD	Complex Analysis	UKM University	Malaysia	2008
❖ MSc	Functional Analysis	Al-al-Bayt University	Jordan	1999
❖ BSc	Mathematics	Mutah University	Jordan	1994
❖ High School	Scientific stream	Ministry of Education	Jordan	1990

PhD and MSc Theses.

➕ **PhD Thesis.**

" Various Subclasses of Analytic Univalent Functions and Some Applications".

➕ **MSc Thesis.**

"Fixed Points of Contraction Mappings Defined on Some Generalize Metric Spaces".

Teaching experiences.

❖ 30/4/2019 –Present: **Full Professor**   at   Mutah University.
Department of Mathematics & Statistics

❖ 3/3/2014 – 29/4/2019. **Associate Professor**   at   Mutah University,
Department of Mathematics & Statistics.

❖ 14/2/2010 – 2/3/2014. **Assistant Professor**   at   Mutah University,
Department of Mathematics & Statistics.

❖ 13/2/2000–13 /2/2010, **Lecturer**   at   Mutah University,
Department of Mathematics & Statistics.

❖ 1 /08 / 1994–30/09/1999: Teacher of Mathematics at the Jordanian Ministry of
Education.

Scientific and Particle Courses.

- PreToefel at Mutah University in 1996.
- Windows, Internet & Microsoft office at Mutah University in 1999
- MUCDL at Mutah University 2005.
- Power point/ outlook emails at Mutah university in 2024.
- Mathematical Software's.

    I. Mathcad.   II. Mathematica.   III. Mat lap.   IV. Latex.   V. Maple,

Administration.

- Director/ Academic Development and Quality Assurance Center at Mutah University in the year (2013/2014)
- The head of department of Mathematics and statistics at Mutah University in the year (3014/2015).
- Mathematics Coordinator at the College of Academic Requirements at Mutah University in the year (2019/2020).

Academic Committees.

- Member of Council of Mutah University in academic years (2016/2017), (2018/2019), (2020/2021), (2021/2022) and (2023/2024).
- Member of Council of science faculty at Mutah University in academic years (2012/2011), (2014/2015), (2018/2019), (2020/2021), (2022/2023) and (2023/2024).
- Head of committees for the discussion of master theses at the department of mathematics / Mu'tah University ten times.
- Member of committees for the discussion of master theses at the department mathematics & ststistics for more than 30-master students in Mathematics at Mutah university.
- External member committees for the discussion of master theses for three theses in master degree at Al-Hussein Bin Talal University.
- Member of Council of Mutah University school-Mutah University (2015-2016),
- Chairman of the Elections Committee of Students Union of Mutah University - Faculty of Science in 2014/2015.
- Member of the Elections Committee of Students Union of Mutah University - Faculty of Science at department of Mathematics more than fifteen times from the period (2000-2024).
- Member of several committees in general at Mutah University.
- Member and Reviewer of Mathematics and statistics Journals.
- Reviewer of Mathematical Reviews.
- I was chairman of examination committees for 13-master theses in Mathematics.

Research Interest

Major Field: **Complex analysis with applications (Functions of complex variables)**

- Analytic functions
- Harmonic functions
- Univalent Functions
- Meromorphic Functions
- P-Valent Functions
- Hypergeometric Functions
- Inequalities in Bicomplex valued metric spaces
- Fixed Points of Contraction Mappings in Complex valued metric space.
- Fractional Derivatives of analytic Functions
- Some Applications of Univalent Functions
- Stereographic projection with Riemann spheres

Languages

Language	Read	Write
Arabic	Excellent (mother tongue)	Excellent (mother tongue)
English	Good	Good

Teaching.

Course name	Course Number	Level
Elementary of Mathematics	301112	Undergrad
The system of decimal numbers	301106	Undergrad
Discrete Mathematics	301105	Undergrad
Calculus(1)	301101	Undergrad
Calculus (2)	301102	Undergrad
Calculus (3)	301201	Undergrad
Calculus (4)	301205	Undergrad
Differential equation (1)	301203	Undergrad
Linear Algebra	301242	Undergrad

- Applied Mathematics   301271   Undergrad
- Complex Analysis   301334   Undergrad
- Introductory in Statistics& Probability   301131   Undergrad
- Graph Theory   301373   Undergrad
- History of Mathematics   301381   Undergrad
- Operation research   301172   Undergrad
- Management Mathematics   301105   Undergrad
- Introduction to Probability   301132   Undergrad
- Mathematical Methods   301372   Undergrad
- Analytical Mechanics   301271   Undergrad
- Complex Analysis (MSc)   301712   Graduate

Master Supervision.

- ❖ Eman Mohammad Al-Turk. Fixed point theorems of nonexpansive mappings in 2-metric spaces and other spaces, 2012.

- ❖ Mustafa Otri. Meromorphic univalent functions, 2013.

- ❖ Emad Omar Al-Tahat. Subclasses of p-valent functions with some properties, 2013.

- ❖ Rasha Al-hagag. Some Subclasses of Harmonic Univalent Analaytic Functions, 2016.

- ❖ Eman Al-Bdor. Results of fixed points in fuzzy metric spaces.2017.

- ❖ Fadi Al-Masfeh. Subclasses of Bi-univalent functions.2019.

- ❖ Eman Azzam. Some fixed points theorems in complex valued metric spaces.2022

- ❖ Rawan Al-Hrout. Fixed points in complex b-metric spaces.2022

- ❖ Weal Abu-Rquyiq. Rational expression conditions in bicomplex valued metric space. 2022.

- ❖ Mahmoud Al-saraireh. On the stereographic projection of convex surfaces in $\mathbb{R}^3$. 2024.

- ❖ Taha Alfgra. Some fixed points within fractional expression in rectangular complex valued Banach space. 2024.

- ❖ Mohammad Almatarneh. Fixed points within rational expressions in extended complex valued Banach spaces. 2024.

Conferences and Workshop.

- ➢ ICMS'07 Conference 2007. Presenter.
- ➢ ICMS'08 Conference 2008. Presenter.
- ➢ Al-Albit scientific research conference 2013. Presenter
- ➢ ICMR'5 conference 2022. Presenter.
- ➢ ICOLES conference 2023. Presenter.
- ➢ Conf. for Quality Assurance in Higher Edu Zarqa university 2014.
- ➢ Work ship of self-evaluation 2014. Mutah University.
- ➢ Workshop in strategic planning 2014. Mutah University.

Publications.

1- Al-kassasbeh F., Fixedpoint results in bicomplex valued b-metric spaces. Math. Stat. & Eng. Appl. Accepted.

2- Al-kassasbeh F., 2020. Results of special types for subclasses of analytic functions, Lil-Buhuthwad- Dirasat, Mutah University.

3- Al-kassasbeh F., 2018. Uniformly starlike functions within differential operators with positive coefficients. (Journal Inter. J. Appl. Eng.). 13(5), 2838-2846.

4- Al-kassasbeh F., 2019. A New Subclass of Bi-univalent Functions. Sci Int. 31(1).

5– Al-kassasbeh F., 2019. Fixed Points in A Complex Valued Metric Space. Ind. J. of Sci. and Techn.12(11).

6– Al-kassasbeh F. and Al-gadri. M., 2018. Fixed points are induced by couple and triple points in complex valued b-metric spaces. Submitted.

7– Al-kassasbeh F, 2019.   Subclasses of P-valent Functions within Integral Operators. Int. J. of Math. And Comp. Science 2019, 14 (2).

8– Al-kassasbeh F., 2018. On existence and uniqueness of coupled fixed points in complex valued 2-metric spacesAdv. Diff. Eq. and Con. Proc., 2019, 20(1), 99–114.

9– Al-kassasbeh F., Subclass of Meromorphic bi-univalent functions", Int. J. of Math. And Comp. Science ,2019,14(3), 547–556.

10- Al-kasasbeh F., 2012. On coefficient bounds within linear operators, World Appl. Sci. J. 20 (12): 1596–1606,

11- Al-kasasbeh F., 2013. P-valentmeromorphic functions within Integral operators, Appl. Math. Sci, 1689 − 1696.

12- Al-kasasbeh F., 2013. Contractive mappings in 2-Metric spaces. Europe. J. of Sci. Res., 112(4), 551–556.

13- Al-kasasbeh F., 2013. Within differential operators p-valent uniformly convex functions with negative coefficients, Middle-East J. of Sci. Res. 15 (11): 1560–1569.

14- Al-kasasbeh F., 2014, Harmonic p-valent functions with respect to k-symmetric Points, World Appl. Sci. J., 23 (12): 103–109.

15- Al-kasasbeh F. &Darus M., 2009, 111. New subclass of analytic functions with some applications. EJSR, 28 (1), pp 124–131.

16- Al-kasasbeh F. &Darus M., 2007, Classes of univalent functions symmetric with respect to points defined on the open disc . FJMS, 27(2), pp 355–371.

17- Al-kasasbeh F. &Darus M., 2007, New subclasses of univalent functions, (AJMMS), 1(2).

18- Al-kasasbeh F. &Darus M., 2007. New subclasses of analytic functions for operator
On Hilbert space. ICMS'07 Conference.

19-Al-kasasbeh, F., 2003. New fixed points theorems, Far East J Math.Sci. 10(2),
199-208.

20- Al-kasasbeh F. & Al-Btoush R., 2003. On properties of derivativeof mixed Jacobi
Polynomials, J. of Frac. Calc., 9(2), 287-295.

21- Al-kasasbeh, F., 2004. On the existence and uniqueness of fixed points.
Lil-Buhuth wad- Dirasat, Mutah University. 19(3), 21-34.

22 - Rashid, M.andAl-kassasbeh.F. Perturbations and zero points for equations with
Accretive mappings in fuzzy normed spaces, DivulgacionesMatem´aticas20(1),(2019),
39–56.

23- Al-kassasbeh F., Some geometric properties of stereographic projection within
Riemann sphere. Submitted.

24-   Al-kassasbeh F., Some results of fixed points in complex valued S-metric spaces.
Submitted.

25- Al-kassasbeh F. &Azam E., Some fixed points theorems in complex valued metric
Space. 2022. Submitted.

26- Al-kassasbeh F. &Azam E., Some fixed points results in complex valued S-metric
Spaces. 2022. Submitted.

27- Al-kassasbeh F. &Alhrot R., Fixed points in complex valued b-metric space, 2022.
Submitted..

28- Al-kassasbeh F. &Alhrot R., Rational expressions in complex valued S_b–metric space,
2022. Submitted.

29- Al-kassasbeh F. &Aborqiq W., Results in bicomplexvalued metric space, 2022. Submitted.

30- Al-kassasbeh F. &Aborqiq W., Fixed points results in bicomplexvalued S- metric spaces, 2022.Submitted.

References.

- ➢ Professor Dr. Shaher Mohammad Momani. Department of Mathematics, Jordan University, Jordan.
- ➢ Professor Dr. Fuad A. Kittaneh. Department of Mathematics, Jordan university, Jordan.