

Kingdom of Saudi Arabia

National Commission for



المملكة العربية السعودية

الهيئة الوطنية للتقويم



جامعة المجمعة
Majmaah University

Curriculum Vitae of Mathematics Faculty Members

1437/1438

2016/2017

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٢٢	DR. WASIM UL HAQ
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٣٠	DR. NAVEED YAQOUB
٣٣	MR. FREEH ALENEZI
٣٥	YAQOUB ZABIN AL-THAQEL
٣٧	STATISTICS INFORMATION

DR. KHALED EL SAYED EL SAYED EL HELOW

Professor Assistant
Mathematics Department
Faculty of Science, Zulfi
Majmaah university

Street Address: Main Campus
Zulfi
Saudi Arabia

Mailing Address:
P.O. Box 1712
Zulfi
Saudi Arabia

Telephone: +96664044107

Mobile +966553537622

Fax: +96664227484

E-Mail: k.elhelow@mu.edu.sa

Office: Room S196

Link to Homepage: <http://faculty.mu.edu.sa/Khaledelhelow>

Research Interests:

Logic

Rough set theory

Fuzzy set theory

Genetic algorithms

Functional Analysis

Swarm intelligences

Qualification (Career and University Education)

1999 - 2004	PhD Degree (Mathematics)	Faculty of science, Helwan University. Title : " A Comparative Study Between Fuzzy Sets And Rough Logic For Optimal Knowledge Representation".
1998-2001	M. Sc. Degree (Meteorology)	Faculty of science, Cairo University. Title : " Fog Forecasting And Removing : Case Study".
1992-1998	M. Sc. Degree (Mathematics)	Faculty of science, Helwan University. Title : " Summability In Banach Spaces And Related Operators".
1986-1990	B. Sc. Degree (Mathematics)	Grade "very good ", Faculty of science, Helwan University.

SCINTIFIC EMPLOYMENT AND ACADEMIC RESPONSIBILITY :

2009-Now	Assistant professor in Pure mathematics at the Science college of Al-Zulfi ,. AL-Majmaah University
2006-2009	Assistant professor in Pure mathematics at the Science college of Al-Zulfi ,. AL-Qassim University
2004-2006	Lecture at Department of Mathematics, Pure mathematics, O6U. Egypt.
1990-	Teaching experience in form 1990 as assistant lecturer, lecturer and associate professor in pure mathematics in the following faculties: Science. (Egypt) Engineering. (Egypt). Education.(Egypt). Applied Arts. (Egypt)

SCIENTIFIC SUPERVISION:

Member of the supervision committee on the P.Hd. Theses ., College of Science ,Cairo University.

Publication

Khaled El Sayed El Helow. Et al. (2011). *Rainfall prediction using rule-based fuzzy inference system* . **Journal: Atmospheric Research – ATMOS RES** , vol. 101, no. 1, pp. 228-236.

Khaled El Sayed El Helow. (2003). *Application of Fuzzy sets To Climatic Classification of Egypt*. The 13th. International conference on computer and applications. IEEE.

Khaled El Sayed El Helow. (2003). *Application of Fuzzy Logic in Forecasting the probability of formation of radiation fog*. The 13th. International conference on computer and applications. IEEE.

Khaled El Sayed El Helow. (2003). *Rough Data Mining for Weather Forecast*. The 13th.

International conference on computer and applications. IEEE

Khaled El Sayed El Helow. (2001). *Fog Forecasting and Removing: Syudy Case over Cairo airport*.M.Sc. Faculty of science Cairo University

Khaled El Sayed El Helow. (2000). *Some features Related to Fog Formation and Forecasting.*, 155-175 fifth conference on meteorology and sustainable development.

Khaled El Sayed El Helow.etal. *On Using ANFIS and Chaotic Time Series in PM10 Prediction*.
To be published

TRANING:

A Course in Statistical Packages: (Instat.- Minitab.-Systat.) Applied to Agricultural Climatology. In (IMTR) Institute For Meteorological Training And Research Nairobi, Kenya

Date : May- July, 2000.

Internet Level2 (HTML-HTML) Programming

In : National Telecommunication Institute

Date: Feb.2000

IBM C- Programming

In : IBM (EGYPT Branch) Education Center.

Date: May.1999.

ICL C++- For C Programming

In : ICL (EGYPT Branch) Education Center.

Date: July.1998.

ICL C - For C Programming

In : ICL (EGYPT Branch) Education Center.

Date: Jun.1998.

ICL C - For C Programming

In : ICL (EGYPT Branch) Education Center.

Date: Jun.1998.

Computer programming with Fortran, C , C++, HTML, Statical packages : Systat, Instat, Minitab, Computer Science (A.I) software programs : Rough Enough, Rosetta, Reses

[Back](#)



Assistant Professor
Mathematics Department
Faculty of Science, Zulfi
Majmaah university

Main Campus P.O. Box 1712
Zulfi Zulfi
Saudi Arabia Saudi Arabia

Telephone: +96664044119 (4110)

Mobile +96664070512

Fax: +96664227484

E-Mail: r.kellil@mu.edu.sa kellilrabah@yahoo.fr

Office: Room S194

Link to Homepage: <http://faculty.mu.edu.sa/kellil>

Research Interests:

Semigroups, semirings, ternary operation, Green's relations, Lattices,

Morphic groups

Coding theory, cryptography

Language Skills

French Writing; speaking and reading Excellent

Arabic Writing; speaking and reading Excellent

English Writing Excellent; speaking good and reading Excellent

Qualification (Career and University Education)

1977-1981	B. Sc. Degree (Mathematics)	Constantine University Algeria
1981-1982	MS. C. Degree (Mathematics)	Nancy college of Sciences, Nancy University, France
1982-1984	PhD Degree (Mathematics)	Nancy college of Sciences, Nancy University, France

Career

1982-1984	Professor of mathematics secondary schools Nancy France
1984-1985	Assistant Professor University of Metz France
1984-1988	Researcher attached to CNRS Unit at Metz France
1988-1990	Assistant Professor Annaba University Algeria
1990-2010	Assistant Professor Monastir University Tunisia
Since 2010	Assistant Professor Majmaah University KSA

Short Visits

2003-2004	Associated researcher in PROTHEO Project, INRIA Nancy France
1995(1 month)	University of FES Morocco Summer school in commutative Algebra
1 to 2 weeks	Many short visits Grenoble France, Nancy France, Fes Morocco, Annaba Algeria, K.S university Riyadh, CIRM (International Center of Mathematical Research) France

Publication(s)

1- Author: Rabah Kellil
Title Some Properties on Morphic Groups.
Pure Mathematical Sciences, Vol. 2, 2013, no. 2, 55 – 68, Publisher Hikari Ltd.

2- Author: Rabah Kellil
EXTERNAL APPROACH OF IDEALS IN SUBTRACTION ALGEBRAS
Asian Journal of Current Engineering and Maths . 2: 2 , March-April 2013, p115-117.

3- Author: Rabah Kellil
Some Aspects of Derivation in Ternary Semirings.
International Journal of Multidisciplinary Sciences and Engineering, Volume 4, Issue 5, June 2013.

4- Author: Rabah Kellil

GREEN'S RELATIONS ON TERNARY SEMIGROUPS.

J. Semigroup Theory Appl. 2013, 2013:6

5- Author: Rabah Kellil

ON INVERSES OF LEFT ALMOST SEMIRINGS AND STRONG LEFT ALMOST SEMIRING

Journal of Mathematical Sciences: Advances and Applications, issue April 2014

Teaching Experience

MTPH001 and MTPH002 MAT 130+ 231, MAT 444, MAT 203, MAT 343, MAT 237 Algebra for the first, the second, the third and the fourth year	Since 2010 1984-1985 1988-1990 1990-2010	courses given in English BcS Mathematics courses given in French	College of Sciences at Zulfi Majmaah University University of Metz France University of Annaba Algeria University of Monastir Tunisia
Analysis for the first and second year in MA cycle (mathematics).	1984-1985 1988-1990 1990-2010	BcS Mathematics courses given in French	University of Metz France University of Annaba Algeria University of Monastir Tunisia
Measure and integration in third year in MA cycle (mathematics).	3 times between 1990-2010	BcS Mathematics courses given in French	University of Monastir Tunisia
Complex analysis in third year in MA cycle (mathematics).	3 times between 1990-2010	BcS Mathematics courses given in French	University of Monastir Tunisia
Topology in third year in MA cycle (mathematics).	2 times between 1990-2010	BcS Mathematics courses given in French	University of Monastir Tunisia
Differential Calculus	2 times between 1990-2010	BcS Mathematics courses given in French	University of Monastir Tunisia

Conferences				
Annual colloquium of SMT	colloquium	3 days	Hammamet 3 times	SMT
Annual colloquium of SMT	colloquium	3 days	Mahdia 2 times	SMT
Annual colloquium of SMT	colloquium	3 days	Sousse 2 times	SMT
Annual colloquium of SMT	colloquium	3 days	Monastir 2 times	SMT
Summer School on Invariants Theory	Summer school	15 days	Monastir 1997	CIMPA
Summer school on commutative Algebra	Summer school	15 days	Fez Morocco	University of Fez
Summer School on Commutative Algebra	Summer school	15 days	Marseille France	CIRM France
Summer School on Dynamical Systems and Complex Analysis	Summer school	15 days	Marseille France	CIRM France
Summer School on Current Theory and Complex Analysis	Summer school	1 MONTH	Mahdia	University of Grenoble France and University of Monastir
Summer School on Coding and Cryptography	Summer school	1 MONTH	Mahdia	INRIA Roquencourt France
International colloquium of Mathematics KS university Riyadh 2012	Colloquium	2 days	Riyadh	KS University KSA

Pedagogic Production

With Dr Pr Ferdaous kellil : Algebra and Arithmetic cours et exercices, in French Tunisia 2007

With Dr Pr Ferdaous kellil : Course one topology, in French Tunisia 2008

Practical Skills

Programming skills: Fortran, Basic, Pascal, C++

Latex, Word,

Advising Member in review of many mathematics program both in France and Tunisia.

Conception of the Mathematics Programs of Higher School of Sciences and technology Hammam Sousse Tunisia 2007

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Kingdom of Saudi Arabia

National Commission for

DR. SALAH ABDEL-NABY ELGHARIEB KHAFAGY



المملكة العربية السعودية

الهيئة الوطنية للتقويم



Assistant Professor
Mathematics Department
Faculty of Science, Zulfi
Majmaah university

Street Address:	Mailing Address:
Main Campus	P.O. Box 1712
Zulfi	Zulfi
Saudi Arabia	Saudi Arabia

Telephone:	+96664044113
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Mobile	+966569576682
---------------	---------------

Fax:	+96664227484
-------------	--------------

E-Mail:	s.khafagy@mu.edu.sa
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Office:	Room S165
----------------	-----------

Link to Homepage:	http://faculty.mu.edu.sa/skhafagy
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Research Interests:

Functional Analysis

Language Skills

Arabic, English

Qualification (Career and University Education)

1991-1995	B. Sc. Degree (Mathematics)	with grade very good, Faculty of Science, Al-Azhar University 1995.
1997-2002	MS. C. Degree (Mathematics)	Faculty of Science, Al-Azhar University, 2002.
2004-2007	PhD Degree (Mathematics)	Faculty of Science, Al-Azhar University, 2007.

Career

2013-Now	Assistant Professor, Mathematics Department, Faculty of Science, Al-Azhar University, Egypt.
2010-Now	Assistant Professor, Mathematics Department, Faculty of Science, Majmaah University, Saudia Arabia
2007-2013	Lecturer at Mathematics Department, faculty of science, Al-Azhar University, Egypy.
2002-2007	Assistant Lecturer at Mathematics Department, Faculty of Science, Al-Azhar University, Egypt.
1996-2002	Demonstrator at Mathematics Department, Faculty of Science, Al-Azhar University, Egypt.

Short Visits

2009	The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy.
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Publication

Khafagy, S. and Khalil, A., On the Accuracy of Pade Approximants in Calculating The Energy Eigenvalues and Phase Shifts via the Potential Model of Schrodinger Equation, Journal of the Egypt. Math. Soc., Vol. 13(2), (2005), pp. 201-214.

Khafagy, A. and Serag, H., Maximum Principle and Existence of Positive Solutions for Nonlinear Systems Involving Degenerated p-Laplacian Operators, Electronic Journal of Differential Equations, Vol. 2007 (2007), No. 66, PP. 1-14.

Serag, H. and Khafagy, S., Existence of Weak Solutions for $n \times n$ Nonlinear Systems Involving Different Degenerated p-Laplacian Operators, New Zealand Journal of Mathematics, Vol. 38 (2008), pp. 75-86.

Khafagy, S. and Serag, H., Existence of Weak Solutions for Nonlinear Systems Involving Several p-Laplacian Operators, Electronic Journal of Differential Equations, Vol. 2009 (2009), No. 81, PP. 1-10.

Serag, H. and Khafagy, S., Existence of Weak Solutions for Nonlinear Systems Involving Degenerated p-Laplacian operators, Sarajevo Journal of Mathematics, Vol. 5 (17) (2009), pp. 1-14.

Serag, H. and Khafagy, S., On a nonhomogeneous elliptic systems $n \times n$ Involving p-Laplacian with different weights, Journal of Advanced Research in Differential Equation, Vol. 1, Issue. 1, 2009, 47-62.

Serag, H. and Khafagy, S., On Maximum Principle and Existence of Positive weak Solutions for $n \times n$ Nonlinear Elliptic Systems Involving Degenerated p-Laplacian, Operators, Turkish Journal of Mathematics, Vol. 34 (2010), PP. 59-71.

Khafagy, S., Maximum Principle and Existence of Weak Solutions for Nonlinear System Involving Different Degenerated p-Laplacian Operators on R^N , New Zealand Journal of Mathematics, Vol. 39 (2009), 151-163.

Khafagy, S., Existence and Nonexistence of Positive Weak Solutions for a Class of (p,q)-Laplacian with Different Weights, Int. J. Contemp. Math. Sciences, Vol. 6 (48) (2011), 2391-2400.

Khafagy, S., Existence and uniqueness of weak solution for weighted p-Laplacian Dirichlet problem, Journal of Advanced Research in Dynamical and Control Systems, Vol. 3 (3) (2011), 41-49.

Khafagy, S., Existence, nonexistence and uniqueness of positive weak solution for a nonlinear system involving weighted p-Laplacian, Global Journal of Pure and Applied Mathematics, Vol. 8 (2) (2012), 205-214.

Khafagy, S., Existence and uniqueness of weak solution for quasilinear elliptic (p,q)-Laplacian system, Global Journal of Pure and Applied Mathematics, Vol. 8 (4) (2012), 465-475.

Khafagy, S., On positive weak solution for a nonlinear system involving weighted p-Laplacian, Journal of Advanced Research in Dynamical and Control Systems, Vol. 4 (4) (2012), 50-58.

S. Khafagy, Maximum Principle and Existence of Positive Weak Solutions for Nonlinear Systems, Lambert Academic Publishing, 2012.

Khafagy, S., Existence and nonexistence of positive weak solutions for a class of weighted (p,q)-Laplacian nonlinear system, Global Journal of Pure and Applied Mathematics, Vol. 9 (4) (2013), 379-387.

Teaching Experience

Functional Analysis	Mat 482	Faculty of Science	Al-Azhar andMajmaah Universities
Real Analysis	Mat 382	Aswan Science	Al-Azhar andMajmaah Universities
Complex Analysis	Mat 485	Zulfi Science	Al-Azhar andMajmaah Universities
Calculus I, II, III	Math101, 102, 201	Zulfi Science	Al-Azhar andMajmaah Universities
Differential Equation	Math 321, Mat 224	Aswan Science	Al-Azhar andMajmaah Universities
Geometry	Mat 121, Math 273	Aswan Science	Al-Azhar andMajmaah Universities

Conferences

International Conference on Mathematics, Trends and Development	Cairo, Egypt	2002
The Third Workshop On Mathematical Analysis And Applications	Cairo, Egypt	2005
School on Algebraic Approach to Differential Equations	Alex, Egypt	2007
Sixth International Conference (Education, Development, environment)	Cairo, Egypt	2008
School on Recent Developments in the Theory of Elliptic PDE	Arab Academy	2009
Seventh International Scientific Conference, Al-Azhar University	Cairo	2010
Egypt-France Mathematical Conference	Cairo	2010

National Commission for

Training Experience

Training " E- Learning ", Majmaah University , Saudi Arabia

Training " The culture of E-learning" Majmaah University , Saudi Arabia

Training " The Skills of E-learning" Majmaah University , Saudi Arabia

Training " E- Learning ", Majmaah University , Saudi Arabia

Practical Skills

ICDL(International Computer Driving License)

Latex Writing

[Back](#)

DR. ABD EL-MONEM ABD EL-HAMEED ABD EL-HAMEED MEGAHEED

Professor Assistant
Mathematics Department
Faculty of Science, Zulfi
Majmaah university

Street Address: Mailing Address:
Main Campus P.O. Box 1712, Zip code 11932
Zulfi Zulfi
Saudi Arabia Saudi Arabia

Telephone: +96664044108

Mobile +966560743722

Fax: +96664227484

E-Mail: a.megahed@mu.edu.sa

Office: Room S189

Link to Homepage: <http://faculty.mu.edu.sa/amegahed>

Research Interests:

Operation research

Mathematical programming

Game Theory

Semi-Infinite programming

Fuzzy Differential game

Generalized Convexity

Qualification (Career and University Education)

1990	B. Sc. Degree (Mathematics)	Grade "very good", Faculty of science, Tanta University.
1997	MS. C. Degree (Mathematics)	Faculty of science, Tanta University.
2003	PhD Degree in Mathematics (Operations research)	Faculty of science, Tanta University.

Experience (Teaching Experience)

1994-1999	Research Assistant, faculty of science, Tanta University, Ismalia Egypt
1999-2003	Assistant Lecturer at Department of basic Science, faculty of Computer and Informatics, Suez Canal University, Ismalia Egypt
2003-2006	Lecture at Department of basic Science, faculty of Computer and Informatics, Suez Canal University, Ismalia Egypt
2006-	Assistant Professor at Department of Mathematics, College of Science, Majmaah university, Saudi Arabia

International Experience

2006-	Visiting Lecturer for Mathematics Department, Majmaah university
-------	--

Publication

Study on Fuzzy Differential game, Journal of Fuzzy Mathematics, Los Angles, USA.(2001)
A study on Large Scale Continuous Differential Game, Calcutta Mathematical Society, India(2002).
A Study on Fuzzy Differential Game, LE Mathematiche, DI CTANIA, Italia.(2001)
Min-Max Zero Sum Two Persons Fuzzy Continuous Differential Game, International Journal of Applied Mathematics, Academic Publication, Sofia, 1054 Bulgaria (2008)
A Combined Interactive Approach for solving E-convex multiobjective nonlinear Programming, Applied Mathematics and Computation(217)(2011)6777-6784, 2011
Optimality conditions of E-convex programming for an E-differentiable function, Journal of Inequalities and Applications.(2013)
Second Order (F, a, q, d, E)-convex function and the Duality Problem, Journal of the Egyptian Mathematical Society (2014) 22, 23-27

MIN- MAX ZERO SUM TWO PERSONS CONTINUOUS DIFFERENTIAL GAME WITH FUZZY CONTROLS, Asian Journal of Current Engineering and Maths, April (2013) 86 -98.

A Study on the Duality of E-Convex Non-Linear Programming Problem, Int. Journal of Math. Analysis, Vol. 7, 2013, no. 4, 175 - 185

An n-order (F; α_+ ; α_- ; d)-Convex Function and Duality Problem, Journal of advances in Mathematics, Jan 3,2014
 Paper Accepted

A matrix Optimization Theory, Far East Journal of Mathematical Sciences (FJMS)

Teaching

Differential Geometry	Math	Faculty of Education	Egypt
Linear Algebra	Math	Faculty of Computers and Informatics	Egypt
Calculus in several variable	Math	Faculty of Education	Egypt
Non-linear Programming	Math	Faculty of Science	Egypt
Linear Algebra	Math	Faculty of Education	Egypt
Mathematical for Dynamic Model	Math	Faculty of Computers and Informatics	Egypt
Mathematical Probability	Stat	Faculty of Computers and Informatics	Egypt
Differential Equation	Math	Faculty of Computers and Informatics	Egypt
Partial Differential Equation	Math	Faculty of Computers and Informatics	Egypt
Geometry	Math	Faculty of Computers and Informatics	Egypt
Calculus	Math 101	Zulfi Science	Majmaah University
Linear Algebra	Math242	Zulfi Science	Majmaah University
Statistics and Probability	Stat101	Zulfi Science	Majmaah University
Calculus	Math	Faculty of Science	Egypt
Mathematics Basis	Math231	Zulfi Science	Majmaah University
Calculus	Math205	Zulfi Science	Majmaah University
Introduction to Geometry	Math123	Zulfi Science	Majmaah University
Abstract Algebra	Math	Faculty of Education	Majmaah University
Vector Calculus	Math202	Zulfi Science	Majmaah University
Differential Equation	Math204	Zulfi Science	Majmaah University
Linear Algebra and Analytic Geometry	Math107	Zulfi Science	Majmaah University
Linear programming	Math356	Zulfi Science	Majmaah University
Mathematical Methods	Math316	Zulfi Science	Majmaah University
Mathematical Economic	Econ 331	Zulfi Science	Majmaah University
Optimization Technique	Oper431	Zulfi Science	Majmaah University
Preparatory Math1	Math001	Zulfi Science	Majmaah University
Preparatory Math2	Math002	Zulfi Science	Majmaah University
Partial Differential Equation	Math422	Zulfi Science	Majmaah University
Calculus	Math102	Zulfi Science	Majmaah University
Operations Research and its Application	Cis327	Zulfi Science	Majmaah University

[Back](#)

DR. MOHAMMED MOHAMMED KHALAF

Professor Assistant
Mathematics Department
Faculty of Science, Zulfi
Majmaah university

Street Address:	Mailing Address:
Main Campus	P.O. Box 1712
Zulfi	Zulfi
Saudi Arabia	Saudi Arabia

Telephone:	+96664044112
------------	--------------

Mobile	+966582905323
--------	---------------

Fax:	+96664227484
------	--------------

E-Mail:	m.khalaf@mu.edu.sa
---------	--------------------

Office:	Room S192
---------	-----------

Link to Homepage:	http://faculty.mu.edu.sa/m.khalaf
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Research Interests:

Topology

Rough sets theory

Lattice theory

Formal concepts analysis

Bitopological Spaces

Qualification (Career and University Education)

1992-1996	B. Sc. Degree (Mathematics)	Grade "good", Faculty of science, sohag, South Valley University.
2000-2003	MS. C. Degree (Mathematics)	Faculty of science, sohag, South Valley University.
2005-2009	PhD Degree (Mathematics)	Internal part at Faculty of science, assuit, AL AZHAR University

Experience (Teaching Experience)

1999-2003	Study in Demonstrator at Department of Mathematics, faculty of science, sohag, South Valley University
2003-2009	Assistant Lecturer at Department of Mathematics, faculty of science, alrass, qassem University, ksa
2010-2011	Lecture at Department of Mathematics, Higher Institute of Engineering and Technology Alexandria
2011-	Assistant Professor at Department of Mathematics, Faculty of Science, Majmaah university, Saudi Arabia

International Experience

2007-2010	Visiting Scholar, Theoretical computer science, elminea and alexandera
2011-	Visiting Lecturer for Mathematics Department, Majmaah university

Publication

Mohammed . khalaf et all , mu-weak structure , Indean journal of applied reserch , Volume : 4 | Issue : 1 | Jan 2014 | ISSN - 2249-555X (jan 2014) (Ginpact 2.26)

Mohammed . khalaf et all , Measure on weak structure , IOSR Journal of Mathematics (IOSR-JM) e-ISSN: 2278-3008, p-ISSN:2319-7676. Volume X, Issue X Ver. I.(Jan. 2014), PP 01-00
(african impact 1.3)

Mohammed . khalaf , Medical diagnosis via interval valued inti., fuzzy sets Analysis of fuzzy math. And informatics Volume 6, No. 2, (September 2013), pp. 245-249

Zahrn A. M., Zeyada F. M., Azab Abd-Allah M. and Khalaf M. M. (2008), Separation axioms in L-Fuzzifying topology, Far East Journal of Mathematical Science (FJMS). vol. 21 no. 2 227-249.

Zeyada F. M. Azab Abd-Allah M. and Khalaf M. M. (2008), Short Communication: A comment on and a characterization of the concept of complete residuated lattice, Journal of nonlinear Sciences and Applications 1 , no.2, 202-204.

I. M. Hanafy, F. S. Mahmoud and Khalaf M. M., Fuzzy topology on fuzzy sets, fuzzy \mathcal{Y} -continuity and fuzzy \mathcal{Y} -retract, international journal of fuzzy logic and intelligent system vol.4 no. 1, March 2005, PP. 29-34.

I. M. Hanafy, F. S. Mahmoud and Khalaf M. M., intuitionistic fuzzy retracts, international journal of fuzzy logic and intelligent system vol.4 no. 1, March 2005, PP. 40-45.

F. S. Mahmoud, M.A.FathAlla and Khalaf M. M., F - \mathcal{V} — open sets, F - \mathcal{V} — continuity and F - \mathcal{V} — retracts, Applied Mathematics and computations 153(2004)117-126.

F. S. Mahmoud, M.A.FathAlla and Khalaf M. M., F_μ -strongly open sets, F_μ -strongly continuity and F_μ -strongly retracts, Applied Mathematics and computations 137(2003)209-230.

Teaching

Linear Algebra	Math242	Zulfi Science	Majmaah University
Topology	Math	Higher Institute of Engineering and Technology Alexandria	Egypt,
Mathematics Basis	Math231	Zulfi Science	Majmaah University
Calculus	Math205	alrass + alzulfi Science	Majmaah University
Real Analysis	Math	Qassem university alrass Science	Qassem university
Abstract Algebra	Math	Qassem university alrass Science	Qassem university
Differential Equation	Math	Qassem university alrass Science	Qassem university
Partial Differential Equation	Math	Qassem university alrass Science	Qassem university
Geometry	Math	Qassem university alrass Science	Qassem university

[Back](#)



Professor Assistant
Mathematics Department
Faculty of Science, Zulfi
Majmaah university

Street Address:	Mailing Address:
Main Campus	P.O. Box 1712
Zulfi	Zulfi
Saudi Arabia	Saudi Arabia

Telephone:	+96664044114
Mobile	+966594892995
Fax:	+96664227484
E-Mail:	o.khalil@mu.edu.sa
Office:	Room S195
Link to Homepage:	http://faculty.mu.edu.sa/okhalil

Research Interests:

Analysis
Sampling theory
Green's Function
Sturm-Liouville Problems
Integrodifferential eigenvalue Problems

Qualification (Career and University Education)

1989-1992	B. Sc. Degree (Mathematics)	Grade "very good", Faculty of science, Beni-Suef, Cairo University.
1997-2000	MS. C. Degree (Mathematics)	Faculty of science, Cairo University.
2001-2006	PhD Degree (Mathematics)	Faculty of science, Cairo University.

Experience (Teaching Experience)

1993-2000	Demonstrator in Mathematics Department, Faculty of Science, Cairo University, Beni-Suef Branch.
2000-2006	Assistant Lecturer in Mathematics Department, Faculty of Science, Cairo University, Beni-Suef Branch.
2006-2011	a) Lecturer in Mathematics Department, Faculty of Science, Cairo University, Beni-Suef Branch from 24-12-2006 to now. b) Lecturer in Mathematics Department, Faculty of Education, Musrata University, Bani-Walid Branch from 15-09-2007 to 06-03-2011.
2011-	Assistant Professor at Department of Mathematics, Faculty of Science, Majmaah university, Saudi Arabia till now.

International Experience

2007-2011	Visiting Lecturer in Mathematics Department, Faculty of Education, Musrata University, Bani-Walid Branch from 15-09-2007 to 06-03-2011.
2011-	Visiting Lecturer in Mathematics Department, Majmaah university till now.

Publication

H. Annaby, H. A. Hassan, O. H. El-Haddad, "Perturbed Discrete Sturm-Liouville Problems and Associated Sampling Theorems." *Rockey Mountain J. of Math. Vol. 39, No. 6, 2009.*
M. H. Annaby, H. A. Hassan, O. H. El-Haddad, "A Perturbed Whittaker-Kotel'nikov-Shannon Sampling theorem." *J. of Math. Anal. and Appl., Vol. 381, Issue 1, 2011, Pages 64-79.*
M. H. Annaby, H. A. Hassan, O. H. El-Haddad, "A sampling theorem in a perturbed Paly-Wiener space." *to appear.*
M. H. Annaby, O. H. El-Haddad, "Sampling associated with perturbed Sturm-Liouville problems." *Submitted to publication.*

Teaching

Calculus I	Math 201	Zulfi Science	Majmaah University
Mathematical Methods	Math 316	Zulfi Science	Majmaah University
Mathematics Basis	Math 231	Zulfi Science	Majmaah University
Calculus II	Math 202	Zulfi Science	Majmaah University
Complex Analysis	Math 484	Beni-Suef Science	Egypt
Functional Analysis	Math 482	Beni-Suef Science	Egypt
Ordinary Differential Equation	Math 321	Beni-Suef Science	Egypt
Partial Differential Equation	Math 422	Zulfi Science	Majmaah University
Real Analysis	Math 382	Beni-Suef Science	Egypt

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Assistant Professor
Mathematics Department
Faculty of Science, Zulfi
Majmaah university

Street Address:	Mailing Address:
Main Campus	P.O. Box 1712
Zulfi	Zulfi
Saudi Arabia	Saudi Arabia

Telephone:	+96664044018
Mobile	+966582932237
Fax:	+96664227484
E-Mail:	a.zedan@mu.edu.sa
Office:	Room S 139
Link to Homepage:	http://faculty.mu.edu.sa/

Research Interests:

Topology, Rough sets, Image Processing, Statistics, Probability

Language Skills

Arabic, English, French, Germany

Qualification (Career and University Education)

1997	B. Sc. Degree (Mathematics)
2003	M.Sc. Degree (Pure Mathematics Statistics)
2010	Ph.D. Degree (Pure Mathematics Computation based on topology)

Career

1998-2003	Demonstrator at Department of Mathematics, Aswan faculty of science, Egypt.
2003-2010	Teaching Assistant at Department of Mathematics, Aswan faculty of science Egypt.
2010-2011	Assistant Professor at Department of Mathematics, Aswan faculty of science Egypt.
2011- up to now.	Assistant Professor at Department of Mathematics, Faculty of Science, Majmaah university, KSA.

Short Visits

2007-2009	Scholarship to study Ph.D. in International University Bremen, Germany.
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Publication

A Elmoasry, MS Maswadah, L Linsen Semi-Automatic Rough Classification of Multichannel Medical Imaging Data 2012
 MMK Ahmed Elmoasry μ -WEAK STRUCTURES INDIAN JOURNAL OF APPLIED RESEARCH 4 (1), 351-355 , 2014
 MM Khalaf, A Elmoasry Measure space on Weak Structure IOSR Journal of Mathematics (IOSR-JM) 10 (Issue 1 Ver. I), PP 54-57 2014
 MM Khalaf, A Elmoasry μ -Weak Structures Annals of Fuzzy Mathematics and Informatics 4 (1), 2014
 A Elmoasry Topological view for uncertain probability 2010
 A Elmoasry Bayesian inference on the type II extreme value distribution based on type II progressively censored sample, 2010

Teaching Experience

Calculus, Deferential Equations, Numerical Analysis, Statistics, Probability, Fortran Language, C++, ICDL.

Conferences

2009	<u>Visualization in Medicine and Life Sciences II</u> Bremerhaven, Germany
2001	Topology Conference Helwan University Egypt
2003	Topology Conference Tanat University, Egypt
2005	Topology Conference Tanat University, Egypt

National Commission for

2007	Topology Conference	PortSaid University, Egypt
2010	Topology Conference	BanySweef University, Egypt

Training Experience

University teacher preparation course
Effective Teaching Skills
Effective communication skills course
Code of Ethics course
Research Methods course
Teaching technology S1
ICDL certificate fourth edition
The stimulus on learning course
Trends of modern teaching and Calendar
Build and develop study plans
Education based on problem solving
Strategies to integrate technology in teaching

Practical Skills

ICDL
C++
FORTTRAN

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Assistant Professor
Mathematics Department
Faculty of Science, Zulfi
Majmaah university

Street Address:	Mailing Address:
Main Campus	P.O. Box 1712
Zulfi	Zulfi
Saudi Arabia	Saudi Arabia

Telephone:	+96664044119
-------------------	---------------------

Mobile	+966534718192
---------------	----------------------

Fax:	+96664227484
-------------	---------------------

E-Mail:	a.zedan@mu.edu.sa
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Office:	Room S195
----------------	------------------

Link to Homepage:	http://faculty.mu.edu.sa/azedan
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Research Interests:

Topology, Rough sets theory, Lattice theory, Formal concepts analysis, Bitopological Spaces

Language Skills

Arabic, English , German

Qualification (Career and University Education)

1994-1998	B. Sc. Degree (Mathematics)	Grade "very good ", Faculty of science, Aswan, South Valley University.
1999-2003	MS. C. Degree (Mathematics)	Faculty of science, Aswan, South Valley University.
2003-2007	PhD Degree	<u>Internal</u> part at Faculty of science, Aswan, South Valley University
2007-2010	(Mathematics)	<u>External part</u> at Theoretical computer science Siegen University, Germany.

Career

1999-2003	Demonstrator at Department of Mathematics, faculty of science, Aswan, South Valley University
2003-2007	Assistant Lecturer at Department of Mathematics, faculty of science, Aswan, South Valley University
2010-2011	Lecture at Department of Mathematics, faculty of science, Aswan, South Valley University
2011-	Assistant Professor at Department of Mathematics , Faculty of Science, Majmaah university , Saudi Arabia

Short Visits (International Experience)

2007-2010	Visiting Scholar, Theoretical computer science, Siegen , Germany
2011-	Visiting Lecturer for Mathematics Department , Majmaah university

Publication

- Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A. ; "Changes of approximation spaces", the 17th Conference of Topology and its Application, Raas El-Bar July 27-28(2003).
- Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A. ; "Simple expansion of Pawlak approximation space", J. Fuzzy Math. 16, No. 4, 821-833(2008). ISSN 1066-8950.
- Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A. ; "Local discrete expansion of knowledge base ", the 18th Conference of Topology and its Application, Zagazig July 27-28(2004).
- Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A. ; "Supra-approximation space and its expansion", the 19th Conference of Topology and its Application, Tanta August 2(2005).
- Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A. ; " On bi-approximation space",Fifth Annual Conference 24-26 March 2007, Cairo university
- Spreen Dieter, Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A. ; " Lattices of Topological Spaces and its Expanding", The 24th Conference on Topology and its Application(2010)
- Spreen Dieter, Abd El-Monsef, M. E.; Abo Khadra, A. A. ; zedan, A. A. ; " Formal Concept Analysis as bitopological Spaces ", Egypt France Mathematics Conference May 3-5, 2010.

Teaching Experience

Linear Algebra	Math242	Zulfi Science	Majmaah University
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National Commission for

Topology	Math	Aswan Science	Egypt
Mathematics Basis	Math231	Zulfi Science	Majmaah University
Calculus	Math205	Zulfi Science	Majmaah University
Real Analysis	Math	Aswan Science	Egypt
Abstract Algebra	Math	Aswan Science	Egypt
Differential Equation	Math	Aswan Science	Egypt
Partial Differential Equation	Math	Aswan Science	Egypt
Geometry	Math	Aswan Science	Egypt

Conferences

Egypt France Mathematics Conference	France Embassy	2010
Conference on Topology and its Application	Tanta	2010
Fifth Annual Conference	Cairo	2007

Training Experience

Training "Effective communication skills " , Aswan University , Egypt
Training "Effective teaching skills", Aswan University , Egypt
Training "Decision-making and problem-solving", Aswan University , Egypt
Training " E- Learning " , Majmaah University , Saudi Arabia
Training " The culture of E-learning" Majmaah University , Saudi Arabia
Training " The Skills of E-learning" Majmaah University , Saudi Arabia

Practical Skills

ICDL(International Computer Driving License)
Zertifikat Deutsch (Goethe –Zertifikat G3)
Latex Writing , Web Design , Dream weaver

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DR. JAWDAT AKEEL ALEBRAHEEM

Assistant Professor
Mathematics Department
Faculty of Science, Zulfi
Majmaah university

Street Address:	Mailing Address:
Main Campus	P.O. Box 1712
Zulfi	Zulfi
Saudi Arabia	Saudi Arabia

Telephone:	+9666404
Mobile	+966535479321
Fax:	+96664227484
E-Mail:	jaalebraheem@gmail.com
Office:	Room
Link to Homepage:	http://faculty.mu.edu.sa/

Research Interests:

Applied Mathematics, Mathematical Modeling, Dynamical Systems

Language Skills

Arabic, English

Qualification (University Education and Career)

2003-2007	B. Sc. Degree (Mathematics)	Mathematics Department, Yarmouk University, Jordan.
2008-2009	MS. C. Degree (Mathematics)	School of Mathematical Sciences, Universiti Sains Malaysia (USM), Malaysia.
2010-2013	PhD Degree (Mathematics)	School of Mathematical Sciences, Universiti Sains Malaysia (USM), Malaysia.

Career

2008-2007	Teacher, Ministry of Education, Jordan.
2011-2013	Tutor at School of Mathematical Sciences, Universiti Sains Malaysia (USM), Malaysia.
2014-	Assistant Professor at Department of Mathematics , Faculty of Science, Majmaah university , Saudi Arabia.

Publication

Alebraheem, J., & Hasan, Y. (2013). Dynamics of a two predator–one prey system. Computational and Applied Mathematics, 1-14. doi: 10.1007/s40314-013-0093-8 (Indexed in Springers Journal, Impact Factor 0.452).

Alebraheem, J. & Abu-Hasan Y. 2011. The Effects of Capture Efficiency on the Coexistence of a

Predator in a Two Predators-One Prey Model. Journal of Applied Sciences , 11: 3717-3724.

Alebraheem, J. & Abu-Hasan Y. 2012. Persistence of Predators in a Two Predators-One Prey Model with Non-Periodic Solution. Applied Mathematical Sciences, Vol. 6, no. 19, 943 - 956.

Alebraheem, J and Y. Abu Hasan, "Simulation of Complex Dynamical Behavior in Prey Predator Model", International Conference on Statistics in Science, Business and Engineering 2012, Langkawi, Kedah, Malaysia, 10-12 September 2012. (Published in IEEE Xplore).

Alebraheem, J. and Y. Abu Hasan, 2013. Efficient Biomass Conversion and its Effect on the Existence of Predators in a Predator-Prey System. Research Journal of Applied Sciences, 8: 286-295.

Alebraheem, J. & Abu-Hasan Y. 2011. Coexistence in different dynamics of two predators-one prey model. Proceeding of International Seminar on the Application of Science & Mathematics 2011 (ISASM 2011), Code number. MTH013. 1-3 November 2011.

Alebraheem, J and Y. Abu Hasan, Effects the strength of seasonality on persistence and extinction in prey predator models, AIP Conference Proceedings 1605, 191 (2014); doi: 10.1063/1.4887587.

Teaching Experience

Calculus	Math	School of Mathematical Sciences	Universiti Sains Malaysia
Advanced Calculus	Math	School of Mathematical Sciences	Universiti Sains Malaysia

Conferences

The 21st National Symposium on Mathematical Sciences	Penang	2013
International Conference on Statistics in Science, Business and Engineering 2012	Langkawi	2012
International Seminar on the Application of Science & Mathematics 2011	Cairo	2011
Association of Asian Pacific Operational Research Societies Conference 2010	Penang	2010

Training Experience

Training "TOFEL Course" , Sara International Educational Center, Jordan
Training "Progressive English Program course", Dynamic Language Centre , Malaysia
Training "Calculus without Limits Course", Universiti Sains Malaysia , Malaysia
Training "Mathematica Workshop", Universiti Sains Malaysia , Malaysia
Training "An Introduction to MATLAB Applications in CAGD", Universiti Sains Malaysia , Malaysia
Training "Research Methodology and Scientific Writing Workshops", Universiti Sains Malaysia , Malaysia
Training "Latex Workshop", Universiti Sains Malaysia , Malaysia
Training "Chaos Cryptography Short Course", Universiti Sains Malaysia , Malaysia
Training "Short Course on Heat Transfer using Maple Software", Universiti Sains Malaysia , Malaysia

Grants

Graduate Assistant Scheme. School of Mathematical Sciences, Universiti Sains Malaysia (USM), Malaysia

Practical Skills

Ability to the research.

Ability on using some Mathematical programs (Mathematica, Matlab, Maple).

Microsoft Office, Latex.

DR. WASIM UL HAQ

Assistant Professor
Mathematics Department
Faculty of Science, Zulfi
Majmaah University

Street Address: Main Campus
Zulfi
Saudi Arabia

Mailing Address: P.O. Box 1712
Zulfi
Saudi Arabia

Mobile: +966598696545
Office: Room S207
E-Mail: w.ulhaq@mu.edu.sa

Research Interests:

Complex Analysis, Geometric Function Theory, Variational Inequalities, integral inequalities

Language Skills

Urdu, English, Arabic

Qualification (University Education)

1999-2001	B.Sc. (Mathematics, Physics)	University of the Punjab, Lahore, Pakistan.
2002-2004	M.Sc. (Mathematics)	University of the Punjab, Lahore, Pakistan.
2005-2007	MS (Mathematics)	COMSATS Institute of IT Islamabad, Pakistan
2007-2011	Ph.D (Mathematics)	COMSATS Institute of IT Islamabad, Pakistan.

Career

Feb 2014 – Continue	Department of Mathematics, College of Science in Al-Zulfi, Majmaah University, Al-Zulfi, Saudi Arabia.
Sep 2013 – Dec 2013	Department of Mathematics, COMSATS Institute of Information Technology, Abbottabad, Pakistan.
Nov 2008 – Oct 2013	Department of Mathematics, PACE College, Saddar, Rawalpindi, Pakistan.
Sep 2006 – Aug 2008	Department of Mathematics, BROODS Academy, Rawalpindi, Pakistan.

Publications

1. K. I. Noor, W. Ul-Haq, On Some properties of a subclass of analytic functions, *Non-linear Func. Anal. Appl.*, 13(2008)265-270.
2. K. I. Noor, W. Ul-Haq, M. Arif, S. Mustafa, On bounded boundary and bounded radius rotations, *J. Ineqaul. Appl.*, 2009 (2009), Article ID 813687, 12 pages. (IF: 0.82)
3. K. I. Noor, M. Arif, W. Ul-Haq, On k -uniformly close-to-convex function of complex order, *Appl. Math. Comp.*, 215(2009)629-635. (IF: 1.349)
4. K. I. Noor, M. Arif, W. Ul-Haq, Some properties of a certain integral operators, *Acta. Uni. Apul.*, 21(2010)89-95.
5. K. I. Noor, W. Ul-Haq, On some implication type results involving generalized bounded Mocanu variations, *Comput. Math. Appl.*, 63 (2012) 1456-1461. (IF: 2.069)
6. M. Arif, K.I. Noor, M. Raza, W. Ul-Haq, Some properties of a generalized class of analytic functions related with Janowski functions, *Abst. Appl. Anal. Appl.*, Article ID: 279843, 2013 (2013), 11 pp. (IF: 1.102)
7. M. Arif, W. Ul-Haq, M. Ismail, Mapping properties of generalized Robertson functions under certain integral operators, *Appl. Maths.*, 3(1)52-55. (tracked for IF).
8. W. Ul-Haq, Variability regions for Janowski convex functions, *Compl. Var. Ellp. Eqn.*, DOI:10.1080/17476933.2012.725164 (2012). (IF: 0.5).
9. W. Ul-Haq, K.I. Noor, A certain class of analytic functions and growth rate of Hankel

- determinant problem, *J. Inequal. Appl.*, doi:10.1186/1029-242X-2012-309 (2012) (IF: 0.82).
10. N. Rehman, S. Hussain, W. Ul-Haq, Sensitivity of American option prices with different strikes, maturities and volatilities, *Appl. Math. Sci.*, 6(2012)5597-5602. (Scopus, HEC recognized).
 11. W. Ul-Haq, M. Arif, A. Khan, Arc length inequality for a certain class of analytic related to conic regions, *J. Comp. Anal.*, Article ID 407596, 2013(2013), 4 pp. (HEC Recognized)
 12. M. Arif, M. Ayaz, W. Ul-Haq, S. Islam, J. Iqbal, Sufficient conditions for functions to be in a class of p-valent spiral-like functions, *Res. J. Rec. Sci.*, (accepted) (ISI Journal)
 13. W. Ul-Haq, A. Nazneen, M. Arif, N. Rehman, Coefficient estimate of certain subfamily of close to convex functions, *J. Comput. Anal. Appl.*, 16(1)(2013) 133-138 (IF: 0.502)
 14. M. Arif, M. Ayaz, W. Ul-Haq, J. Iqbal, Sufficient conditions for functions to be in a class of p-valent analytic functions, 16(1)(2013) 159-164 (IF: 0.502)
 15. W. Ul-Haq, S. Mahmmod, Certain properties of a subfamily of close-to-convex functions related to conic regions, *Abst. Appl. Anal.*, Article ID: 847287, 2013 (2013), 6 pp. (IF: 1.102)
 16. W. Ul-Haq, J. Iqbal, Hermite-Hadamard type inequalities for r-preinvex functions, *J. Appl. Math.*, Article ID 126457, 2013(2013), 5pp. (IF: 0.834).
 17. N. Rehman, S. Hussain, W. Ul-Haq, Sensitivity of American option prices with respect to variations of local volatility, *Math. Sci. Lett.*, 2(2013) 169-172. (HEC recognized).
 18. W. Ul-Haq, A. Nazneen, N. Rehman, Coefficient estimates for certain subfamilies of close-to-convex functions of complex order, *FILOMAT*, accepted (2013) (IF: 0.714).

Teaching Experience

Real Analysis-I	Math – 382	College of Science, Zulfi COMSATS	Majmaah University CIIT Abbottabad, Pakistan
Calculus and Functions of Several Variables	Math – 203	College of Science, Zulfi	Majmaah University
Numerical Analysis	BS Math	Department of EE	CIIT Islamabad, Pakistan
Functional Analysis	M.Sc Math	Department of Mathematics	AWKUM , Pakistan
Advanced Calculus	Math – M.Sc	Department of Mathematics	AIOU, Pakistan
Optimization Theory	MS Math	Department of Mathematics	AWKUM, Pakistan
Complex Analysis	M.Sc. Math	Department of Mathematics	AWKUM, Pakistan
Geometric Function Thoery	Ph.D Math	Department of Mathematics	AWKUM, Pakistan

Conferences

International Pure Mathematics Conference	Islamabad, Pakistan	2011
International Conference on Mathematical Inequalites and Applications	Lahore, Pakistan	2010

Practical Skills

Windows and MS Office, Excel
LaTeX Writing, Matlab, Mathematica

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DR. ABDULLAH ABDULJABAR ANSARI

Assistant Professor
Department of Mathematics
College of Science, Al-Zulfi
Majmaah University

Street Address: Main Campus
Zulfi
Saudi Arabia

Mailing Address: P.O. Box 1712
Al-Zulfi
Saudi Arabia

Mobile: +966594884915
Office: Room G-067
E-Mail: a.ansari@mu.edu.sa

Research Interests:

Celestial Mechanics, Bio-Mathematics, Differential Equations

Language Skills

English, Hindi

Qualification (University Education)

1999-2002	B.Sc. (Hon's) (Mathematics)	Aligarh Muslim University, Aligarh (U.P.) India.
2002-2004	M.Sc. (Mathematics)	University of Delhi, Delhi, India.
2007-2009	Ph.D. (Mathematics)	Jamia Millia Islamia, New Delhi, India.

Career

Aug 2014 – Continue	Department of Mathematics, College of Science in Al-Zulfi, Majmaah University, Al-Zulfi, Kingdom of Saudi Arabia.
Oct 2010 – Aug 2014	Assistant Professor, Department of Mathematics, ARSD College, University of Delhi, India
Jan 2010 – July 2010	Lecturer, Department of Mathematics, GPMCE, IP. University, Delhi, India.
Sep 2008 – Jan 2010	Lecturer, Department of Mathematics, N.I.E.C., I. P. University, Delhi, India

Publications

One paper is submitted.

Two papers are in pipeline.

Restricted Problem of (2+2) bodies where oblate primaries are magnetic dipoles and infinitesimal bodies are electric dipoles (*International Journal of Science and Research, Vol-3, Issue 4, April 2014; pp. 546-549, ISSN (Online): 2319-7064*).

Periodic orbits around Lagrangian points of the circular restricted four body problem. (*Invertis Journal of Science and Technology, Vol. 7, No. 1, Jan- March 2014. ; pp. 29-38, ISSN 0973-8940*)

Elliptic orbit of MacMillan motion with primaries as oblate bodies (*International Transactions in Mathematical Sciences and Computer, Jan-June, 2012, Vol. 5, No. 1, pp. 61-68, www.aacsjournals.com, ISSN 0974-5068*)

Periodic orbits of collision in the plane circular problem of four bodies with dissipation. (*International Transactions in Mathematical Sciences and Computer, January 2011, Vol. 4, No. 1, pp. 133-142, www.aacsjournals.com, ISSN 0974-5068*)

The three dimensional periodic orbits around the collinear liberation points in the restricted problem. (*GPM Journal of Technology and Management, Vol. 2, No. 1, 2009, pp. 1-14.*)

Restricted four body problem: An extension of Macmillan problem. (Published in the proceeding of International Conference on recent trends in Mathematics and its applications (*ICRTMA-09*), March 30-31, 2009, Department of Mathematics, Jamia Millia Islamia, New Delhi, India.)

Periodic orbits of an artificial satellite. (*International Transactions in Mathematical Sciences and Computer, July-December, 2009, Vol. 2, No. 2, pp. 203-222, www.aacsjournals.com, ISSN 0974-5068*)

Periodic orbits of collision in the plane circular problem of four bodies with two of the primaries oblate bodies and all the primaries have source of radiation pressure. (*GPM Journal of Technology and Management, Vol. 2, No. 1, 2009, pp. 38-52*)

Periodic orbits of collision in the plane circular problem of four bodies with one of the primaries an oblate body. (*Global Science and Technology, January 1(1) 37-49, 2009*)

Teaching Experience

Stat & Prob.	Math – 201	College of Science, Zulfi	Majmaah University
Introduction to Geometry	Math – 271	College of Science, Zulfi	Majmaah University
Introduction to Differential Equations	Math - 321	College of Science, Zulfi	Majmaah University
Calculus 1	Math – 201	College of Science, Zulfi	Majmaah University
Calculus	Math – B.Sc.	ARSD College	University of Delhi, India
Differential Equations and Mathematical Modeling	Math – B.Sc.	ARSD College	University of Delhi, India
Discrete Mathematics	Math – B.Sc.	ARSD College	University of Delhi, India
Mechanics	Math – B.Sc.	ARSD College	University of Delhi, India
Applied Mathematics	Engineering	Engineering College	I. P. University, Delhi, India.

Conferences/Workshop

International Conference on recent trends in Mathematics and its applications (ICRTMA-09)	Jamia Millia Islamia, New Delhi, India	2009
Workshop Cum training programme on Modern Trends in Celestial Mechanics and Astronomy	University of Delhi, Delhi, India.	2010

Practical Skills

Mathematica

[Back](#)



Lecturer
Mathematics Department
Faculty of Science, Zulfi
Majmaah university

Street Address:	Mailing Address:
Main Campus	P.O. Box
Zulfi	Zulfi
Saudi Arabia	Saudi Arabia

Telephone:	+966164044115
Mobile	+966507259630
Fax:	+966164044044
E-Mail:	k.nimer@mu.edu.sa
Office:	Room S 197
Link to Homepage:	http://faculty.mu.edu.sa/

Research Interests:**Language Skills**

Arabic - English

Qualification (Career and University Education)

1981 - 1985	B. Sc. Degree (Mathematics)	Department of Mathematics-Faculty of science – Karachi University - Pakistan
1985 - 1987	MS. C. Degree (Mathematics)	Department of Mathematics-Faculty of science – Karachi University - Pakistan

Career

1995 - 2002	Lecturer at Queen alia college - Jordan
2001 - 2006	Lecturer at Department of Mathematics, faculty of science - Philadelphia University-Jordan
2004 - 2007	Lecturer at, Faculty of Economy and Administrative Sciences - Zarqa Private university-Jordan
2005 - 2007	Lecturer at, Faculty of Economics and Administrative Sciences- The Hashemite University-Jordan

Short Visits**Publication****Teaching Experience**

Calculus 1, Calculus 2 , Calculus 3	faculty of science	Philadelphia University
Differential equations		
Introduction to statistics - Mathematics of Economics and Business Administration	Faculty of Economy and Administrative Sciences	Zarqa Private university-Jordan
Operation research	Faculty of Economics and Administrative Sciences	The Hashemite University-Jordan
Calculus 1, Calculus 2, Differential equations, Introduction to statistics	Zulfi Science	Majmaah University
Linear Algebra and Analytical Geometry, Mathematics of Economics , Introduction to Mathematics		

Conferences**Training Experience**

Training " E- Learning ", Majmaah University , Saudi Arabia

National Commission for

Smart interactive whiteboards ",Majmaah University"

Perceptions about the typical lecture ",Majmaah University"

Improving the quality of education by using codified models for the evaluation

Practical Skills

Using smart board in teaching

[Back](#)

DR. MOHAMMED OMER MAHGOUB MOHAMMED

Lecturer
Mathematics Department
Faculty of Science, Zulfi
Majmaah university

Street Address:	Mailing Address:
Main Campus	P.O. Box 1712
Zulfi	Zulfi
Saudi Arabia	Saudi Arabia

Telephone:	+96664044116
Mobile	+966508993473
Fax:	+96664227484
E-Mail:	a @mu.edu.sa
Office:	Room S
Link to Homepage:	http://faculty.mu.edu.sa/

Research Interests:

Fluid dynamics, Dynamical systems and Bifurcation control.

Language Skills

English , German and Arabic as mother language.

Qualification (Career and University Education)

1994 - 1999	B. Sc. Degree (Mathematics)	Sudan university for science and technology.
2004 - 2006	MS. C. Degree (Applied Mathematics)	Alneelain University
2013 - 2016	Ph.D. Degree (Applied Mathematics)	Alneelain University

Career

Demonstrator at Department of Information technology, faculty of computer science
Assistant Lecturer at Department of Mathematics, faculty of science
Lecture at Department of Mathematics, faculty of science – Zulfi , Majmaah university.

Short Visits**Publication****Teaching Experience**

Statistics I	STAT 101	College of Computer Sciences	Technology Sciences University - Sudan
Basic Mathematics	Math 102	College of Education	Arab Open University K SA
Vector Calculus	Math 204	College of Science	Majmaah University
Multi-variable Calculus	Math 203	College of Science	Majmaah University
Introduction to Mathematics I	PMTH 111	College of Science	Majmaah University
Introduction to Mathematics II	PMTH 127	College of Science	Majmaah University
Differential Equations	Mat 204	College of Science	Majmaah University
Multi-variable Calculus for Physics	Math 205	College of Science	Majmaah University

Computer Mathematical Applications	Math 353	College of Science	Majmaah University
Topics in Applied Mathematics	Math 411	College of Science	Majmaah University
Introduction to Integral Calculus	Mat 102	College of Science	Majmaah University
Introduction to Analytic Geometry	Math 273	College of Science	Majmaah University

Conferences

International Conference in Computer and Information Technology	Tayibah University – Madinah KSA	2012
Scientific specializations in New-established Universities	Majmaah University - KSA	2013

Training Experience

Training “ programs and Courses specifications and reports “ Majmaah University KSA.
Training “ using the virtual classrooms in teaching “Majmaah University KSA.
Workshop “ integrating technology in education strategies “Majmaah University KSA.
Training “ using the electronic platforms in teaching “Majmaah University KSA.
Workshop “ developing of students evaluation methods “Majmaah University KSA.
Training “ Cooperative Learning “Majmaah University KSA.

Practical Skills

Computer Knowledge and web skills.
German language Diploma
Mathematical software expert [MATLAB , MATHEMATICA and MAPLE] .

[Back](#)

DR. NAVEED YAQOOB

Lecturer
Mathematics Department
Faculty of Science, Zulfi
Majmaah University

Street Address: Main Campus
Zulfi
Saudi Arabia

Mailing Address: P.O. Box 1712
Zulfi
Saudi Arabia

Mobile: +966598739955
Office: Room S206
E-Mail: nayaqoob@ymail.com

Research Interests:Semigroups (Γ -semigroups, Ordered Semigroups, Ternary Semigroups)Algebraic Hyperstructure Theory (Semihypergroups, Ternary Semihypergroups, Γ -semihypergroups, LA-semihypergroups)

Fuzzy sets, Rough sets and Soft sets

Language Skills

Urdu, English

Qualification (University Education)

2002-2005	B.Sc. Degree (Mathematics)	University of the Punjab, Lahore, Pakistan.
2005-2008	M.Sc. Degree (Mathematics)	University of the Punjab, Lahore, Pakistan.
2009-2010	MS Degree (Mathematics)	Quaid-i-Azam University, Islamabad, Pakistan.

Career

Feb 2014 – Continue	Department of Mathematics, College of Science in Al-Zulfi, Majmaah University, Al-Zulfi, Saudi Arabia.
Sep 2013 – Dec 2013	Department of Mathematics, COMSATS Institute of Information Technology, Abbottabad, Pakistan.
Nov 2008 – Oct 2013	Department of Mathematics, PACE College, Saddar, Rawalpindi, Pakistan.
Sep 2006 – Aug 2008	Department of Mathematics, BROODS Academy, Rawalpindi, Pakistan.

Publications

N. Yaqoob and M. Aslam, Generalized Rough Approximations in Γ -semihypergroups, Journal of Intelligent and Fuzzy Systems, accepted, doi: 10.3233/IFS-141214.

N. Yaqoob and M. Aslam, On rough Quasi- Γ -hyperideals in Γ -semihypergroups, Afrika Matematika, accepted, doi: 10.1007/s13370-013-0207-x.

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Teaching Experience

Linear Algebra	Math – 242	College of Science, Zulfi COMSATS	Majmaah University CIIT Abbottabad, Pakistan
Calculus and Functions of Several Variables	Math – 203	College of Science, Zulfi	Majmaah University

National Commission for

Calculus-1	Math	COMSATS	CIIT Abbottabad, Pakistan
Geometry	Math – 216	College of Science, Zulfi	Majmaah University
Calculus with Analytic Geometry	Math – B.Sc	PACE College	Pakistan
Mathematical Methods	Math – B.Sc	PACE College	Pakistan
Topology	Math – B.Sc	PACE College	Pakistan
Mechanics	Math – B.Sc	PACE College	Pakistan
Vectors Analysis	Math – B.Sc	PACE College	Pakistan

Conferences

10 th International Pure Mathematics Conference	Islamabad, Pakistan	2009
International Conference on Mathematical Inequalities and Applications	Lahore, Pakistan	2010
2nd International Conference on Mathematics and Information Science	Sohag University, Egypt	2011

Practical Skills

Windows and MS Office
LaTeX Writing

[Back](#)

MR. FREEH ALENEZI

Lecturer
Mathematics Department
College of Science, Zulfi
Majmaah university

Street Address:	Mailing Address:
Main Campus	P.O. Box 1712
Zulfi	Zulfi
Saudi Arabia	Saudi Arabia

Telephone:	+96664044008
-------------------	---------------------

Mobile	+966551618091
---------------	----------------------

Fax:	+96664227484
-------------	---------------------

E-Mail:	fn.alenezi@mu.edu.sa
----------------	-----------------------------

Office:	Room S190
----------------	------------------

Link to Homepage:	http://faculty.mu.edu.sa/fnalenezi
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Research Interests:

Nonparametrics, Time Series, and Categorical Data Analysis

Language Skills

Arabic, English

Qualification (University Education)

2004-2008	B. Sc. Degree (Mathematics)	College of science, Buraidah, Qassim University.
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2012-2014	M. SC. Degree (Statistics)	College of science, Morgantown, West Virginian University.
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Career

2014-present	Lecturer at Department of Mathematics, Zulfi College of Science. Majmaah University, KSA
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2014-present	Supervisor of the Planning and Development Unit, Zulfi College of Science. Majmaah University, KSA.
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2009-2014	Teacher Assistant at Mathematics Department, Zulfi College of Science. Majmaah University, KSA.
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2008-2009	College Mathematics Teacher, General Studies Department. Technical and Vocational Training Corporation, Hafur Batine, KSA.
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2008(Summer)	Summer Mathematics Teacher, ITC. Saudi Aramco, Rass Tannorah, KSA.
--------------	---

2007-2008	College Mathematics Tutor, College of Science. Qassim University, Buraidah, KSA.
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Boards & Committees at Majmaah University

2014–Present	Member of Zulfi College of Science Board, Majmaah University.
2014–Present	Member of Zulfi Mathematics Department Board, Majmaah University.

Teaching Experience

Linear Algebra	MATH	TVTC	Hafur Batine
Differential Equation	MATH	TVTC	Hafur Batine
Statistics and Probability	STAT	Zulfi Science	Majmaah University

Training Experience

Using Instructional Technology (2009), Technical and Vocational Training Corporation, KSA.
Class Management (2012), West Virginia University, USA.

Knowledge Management in Higher Education (2012), West Virginia University, USA.
Graduate Certificate, Applied Statistics, May 2014, West Virginia University, USA.

Practical Skills

JMP

R

SAS

SPSS

Advanced data analysis

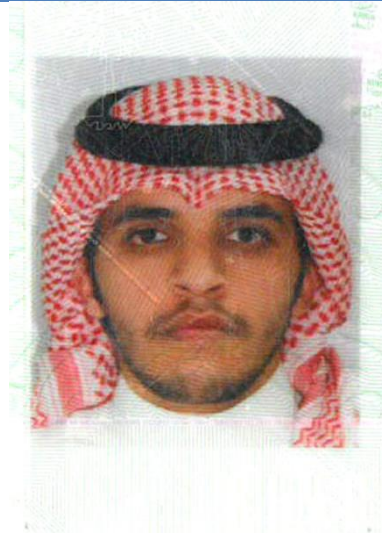
Scientific Work Place

Microsoft Office

References

Available upon request

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YAQOUB ZABIN AL-THAQEL

Undergraduate Teaching Assistant
Mathematics Department
Faculty of Science, Zulfi
Majmaah university

Street Address: Mailing Address:
Zulfi Street
Onaizh
Saudi Arabia

Telephone:

Mobile +966569991451

Fax:

E-Mail: faresalthagel@hotmail.com

Office: Room S166

Link to Homepage:

Research Interests:

Differential Equation

Language Skills

Arabic, English

Qualification (Career and University Education)

2009-2012	B. Sc. Degree (Mathematics)	Grade "Excellent ", Faculty of science, Zulfi, Majmaah University.
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Career**Short Visits (International Experience)****Publication**

STATISTICS INFORMATION

Occupation	Number	Non-Saudi	Saudi
Professor	2	2	-
Associate Professor	2	2	-
Assistant professor	14	14	-
Lecturer	4	3	1
Demonstrator	3	-	3
Scholarship	6	-	6
Total	31	21	10

Illustration shows the percentage of Saudi to non-Saudis to the functional framework

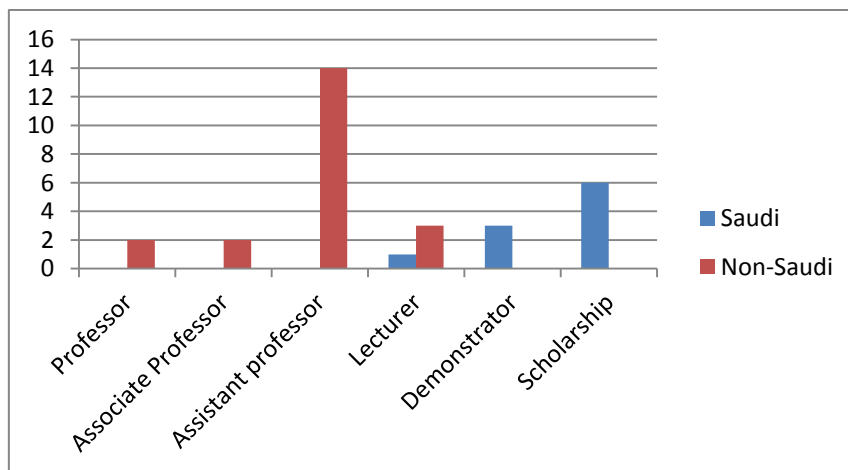


Illustration shows the overall non-Saudi Arabia

The proportion of Saudi Arabia 32.3%

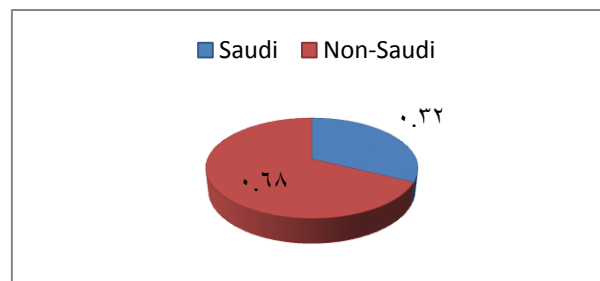


Illustration shows the ratio of faculty staff to students

The Ratio is 1: 11.

