



Curriculum Vitae

Academic Rank: Professor

Personal Data

Name : Feras Mahmoud AL Faqih.
Date of birth : 01-05-1973.
Place of birth : Irbid Kufr-Abil.
Nationality : Jordanian.
Sex : Male.
Marital status : Married.
No. of children : Five.
Address : Jordan – Ma’an – AlHusein Bin Talal University
College of Science – Dep. of Mathematics
Tel. +9625- 3812298 (home).
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<http://www.ahu.edu.jo/colleges/Science/Mathmatics/AcademicStaff.aspx>

<http://www.ahu.edu.jo/colleges/Science/AdminStaff.aspx>

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Passport Data

Pass. No.: **L 163457.**
Issued at: RIYADH – SAUDI ARABIA
Date of issue: 11-04-2011.
Date of end: 10-04-2016.

Selected for Membership in Who's Who for Science and Engineering 2010/2011.

Academic Qualification

PhD in Computational Mathematics (Numerical Analysis)
Moldova State University.

Thesis title: “ Projection- Iterative Methods for Solving Singular
Integral Equations “

Prof. V. Zolotarevski;

Languages

Arabic (native), English and Russian.

Academic and Teaching Experiences:

Position	Place of work	Date
Professor	Dep. of Math. – College of Science – Al Hussien Bin Talal Univ.	07/09/2014
Associate Professor	Dep. of Math. – College of Science – Al Hussien Bin Talal Univ.	09/09/2013 – till date
Full time lecturer of the rank of Associate Professor	Dep. of Math. – College of Science – Al Hussien Bin Talal Univ.	09/04/2013 – 08/09/2013
Full time lecturer of the rank of Assistant Professor	Dep. of Math. – College of Science – Al Hussien Bin Talal Univ.	09/09/2012- 06/04/2013
Associate Prof.	Dep. of Math. – College of Science – King Faisal Univ.	14/03/2010 05/09/2012
<i>Assistant Prof. (as a full time lecturer)</i>	Dep. of Math. – College of Science – King Faisal Univ.	26/09/2009 – 14/03/2010
<i>Assistant Prof. (as a full time lecturer)</i> Coordinator of the Dep.	King Faisal University (KFU) Teachers College – Dep. Of Mathematics. (KSA)	08/09/2007 – 26/0/2009
Assistant Prof. (as a part time in the summer Semester.)	<i>Jerash University</i> Faculty of Science, Dep. Of Mathematics	15/06/2006 -- 25/08/2006
Assistant Prof. (as a part time in the summer Semester.)	<i>AlTa'ef University</i> <i>Teachers College – Dep. Of Mathematics</i>	10/06/2005 – 20/08/2005
Assistant Prof. (as a full time lecturer)	<i>Kingdom of Saudi Arabia</i> <i>Teachers College in Alahsa, Dep. Of Math.</i>	13/09/2004 -- 09/09/2007

Coordinator of Mathematical Department	<i>Jerash University</i> Faculty of Science. <i>Dep. Of Mathematics</i>	01/10/2003 – 30/09/2004
Assistant Prof. (as a full time lecturer)	<i>Jerash University</i> Faculty of Science. <i>Dep. Of Mathematics</i>	01/10/2000 – 30/09/2004
Lab Supervisor	<i>Moldova State Univ.</i> Faculty of Mathematics.	15/09/98 - 01/05/99
Teaching Assistant	<i>Moldova State Univ.</i> Faculty of Mathematics.	01/10/95 - 01/05/98

Administrative Experiences:

Dean Faculty of Science and Head Dep. of Mathematics	College of Science – Al Hussien Bin Talal Univ.	08/9/2016 - till date
Vice-Dean Faculty of Science and Head Dep. of Mathematics	College of Science – Al Hussien Bin Talal Univ.	07/09/2015 – 07/09/2016
Vice-Dean Faculty of Science	College of Science – Al Hussien Bin Talal Univ.	07/09/2014 – till date
Coordinator of Mathematical Department	King Faisal University (KFU) Teachers College – Dep. Of Mathematics. (KSA)	08/09/2007 – 26/0/2009
Coordinator of Mathematical Department	Jerash University Faculty of Science. Dep. Of Mathematics	01/10/2003 – 30/09/2004

Supervision of M. Sc. Theses:

-) Numerical Solution of Integral Equations, EMAN AL ARFAJ,
King Faisal University, Dep. Of Mathematics – KSA

Member of the examination committee of several M. Sc. Theses.

Courses I taught:

1. Calculus I
2. Calculus II
3. Calculus III
4. Numerical Analysis I
5. Numerical Analysis II
6. Fundamentals of Mathematics
7. Mathematical Logic

8. Discrete Mathematics
9. Set Theory
10. Linear algebra 1.
11. Linear algebra 2.
12. Bio-statistics.
13. Euclidean geometry.
14. Introduction to Statistics & Probability.
15. Mathematical Statistics.
16. Statistically Methods.
17. Introduction to Mathematics.
18. Experimental and Analysis Design.
19. Abstract Algebra.
20. Algebra and Analytic Geometry.
21. Groups Theory.

References:

1. Prof. Dr. Mashhoor Al Wardat, Dep. of Math.Faculty of Science, Al Hussien Bin Talal University.
2. Dr. Khalid Heasat, head Dep. of Mathematics - Philadelphia University Amman - Jordan.
3. Dr. Ra'ed Al-Momani, Department of Mathematics - Yarmouk University- Irbid - Jordan.

)] Good Experience in applications of mathematics and Statistics in Mathematica , SPSS ,Latex SAS , Minitab & MATLAB

Publications

28. Sahem Tarawneh, Eman Al-Sarairah, **Feras Al Faqih**
" Some mathematical issues with MATLAB"
Published in
Journal of Mathematica Aeterna, Vol. 6, 2016, no. 6, 877 - 884.

27. **Feras M. Al Faqih**, Iurie Caraus, Nikos E. Mastorakis ,

"The Numerical solution of systems of Singular Integral Equations by reduction methods in generalized Holder spaces"
Presented on

**17th International Conference on
MATHEMATICAL and COMPUTATIONAL METHODS in SCIENCE and
ENGINEERING (MACMESE '15)
Kuala Lumpur, Malaysia
April 23-25, 2015**

Published in the conference Proceedings which is indexed in ISI.

26. Samir K. Bhowmik, **Feras M. Al Faqih**
and Nazmul Islam.

" A Note on Some Numerical approaches to solve a dot
theta Neuron Networks Model "

Published in

Journal of Abstract and Applied Analysis 22 March 2014.

Thomson ISI - Impact Factor is 1.102

25. **Feras M. Al Faqih**, Nikos E. Mastorakis ,
Iurie Caraus

"The Reduction Method for Approximation Solution of Systems of
Singular Integro-Differential Equations in Lebesgue Spaces
(case $x | 0$)"

Published in Journal Transaction on Mathematics.
March 2014

24. Sadoon A. I. Al-Obaidy¹, Faisal Ababneh², S. Alwadi³,

Feras M. Al- Faqih⁴

**"ON CERTAIN CONDITIONS OF MULTIVARIATE
POWER SERIES DISTRIBUTIONS"**

Published in Journal of Open Problem of Computer Science and
Mathematics, Vol. 6, No. 4, December 2013.

23. Feras M. Al Faqih, Nikos E. Mastorakis ,

Iurie Caraus

“Reduction Method for the Solution of Weakly Singular Integro-Differential Equations”

Published in the proceedings of the 18th International Conference on Applied Mathematics (AMATH13) to be held in Budapest, Hungary, December 10-12, 2013

22. Sahar M. Alqaraleh , Feras M. Al Faqih and Adeeb G.

Talafha

**" Constructing a Train of Soliton Solutions
for the Three-Wave-Interaction Equations "**

published in *Journal of Applied Mathematical Sciences*,

Vol. 7, 2013, no. 63, 3097 – 3109

<http://www.m-hikari.com/ams/ams-2013/ams-61-64-2013/alqaralehAMS61-64-2013.pdf>

21. Iurie Caraus, Feras M. Al Faqih

**" Convergence of the collocation method and the
Mechanical quadrature method for system of singular
integro-differential equations in Lebesgu space"**

Published in Elsevier,

Journal of Computational and Applied Mathematics

Volume 236 Issue 15, September, 2012

Pages 3796-3804

<http://www.sciencedirect.com/science/article/pii/S0377042712000374>

Thomson ISI - Impact Factor is 1.298

20. Feras M. Al Faqih, Nikos E. Mastorakis ,

Iurie Caraus

"Approximate Solution of Systems of Singular Integro-Differential Equations by Reduction Method in Classical Holder spaces"

Published in Transaction on Mathematics, WSEAS

E-ISSN: 2224-2880 617 Issue 7, Volume 11, July 2012

<http://www.wseas.org/multimedia/journals/mathematics/2012/55-099.pdf>

Sponsored by King Faisal University.

19. Feras M. Al Faqih

" The Numerical Solution for the Singular Integro-Differential Equations and their Systems"
Sponsored by King Faisal University.

Published in Journal of Applied Mathematics
Volume 2012 (2012), Article ID 365904, 14 pages
<http://dx.doi.org/10.1155/2012/365904>

Thomson ISI - Impact Factor is 0.6

18. Feras M. Al-Faqih

"Projection- Iterative Methods for solving Singular Integral Equations in Lebesgue Spaces"
Proceedings of the 15th American Conference on Applied Mathematics (MATH'09)
Houston, USA, 31 March – May 2, 2009
www.wseas.org/conferences/2009/usa/math/index.html

17. Feras M. Al-Faqih

" Function Approximation in Generalized Holder Spaces and Numerical Solution of Singular Integral Equations"
Proceedings of the 15th American Conference on Applied Mathematics (MATH'09)
Houston, USA, 31 March – May 2, 2009
www.wseas.org/conferences/2009/usa/math/index.html

16. Feras M. Al-Faqih

" Direct methods for the solution of singular integral equations with finite zeros in pairwise"
Journal " International Journal of Open Problems in Computer Science and Mathematics"
ISSN 1998 – 6262
Vol. 2, No. 1, March, 2009, p. 152-158
www.IJOPCM.org

15. Feras M. Al-Faqih

" Approximate Solution of Weakly Singular
Integral Equations by Iterative Methods"
Journal " International Mathematical Forum"
ISSN 1312- 7594
Vol. 4, 2009 No. 22, p. 1067-1077
www.m-hikari.com

**14. Feras M. Al-Faqih, Nikos E. Mastorakis, Iurie
Caraus**

“ Approximation Solution of Singular Integro-
differential Equations by Reduction Methods in
Generalized Holder Spaces”// in "WSEAS
Transactions on Mathematics", Issue 4 Vol. 6
April 2007, P. 595-600,
ISSN 1109-2769.
www.worldses.org/journals/mathematics/mathematics-april2007.doc

www.wseas.org

Presented in 10th WSEAS International
Conference on Applied Mathematics (MATH'06)
Dallas, Texas, USA, November 1-3, 2006
ISSN 1790-5117

<http://evunix.uevora.pt/~flc/MATH2006.pdf>

www.wseas.org

13. Iurie Caraus, Feras M. Al-Faqih

" Approximate Solution of Singular Integro- Differential
Equations in Generalized Holder Space"// **Journal**
"Numerical Algorithms" Springer, Springer Netherlands
ISSN 1017-1398 (Print) 1572-9265 (Online)
Vol. 45, No. 1-4/August, 2007, p. 205-215
DOI: 10.1007/s11075-007-9079-1

<http://www.springerlink.com/index/w6g12616gq13k673.pdf>

www.Springer.com

12. Feras M. Al-Faqih , Jafer Ahmed
“ The Approximate Solving of Weakly Singular
Integral Equations By Collocation and Reduction
Methods”// in "Al-Yarmouk Journal for Basic
Science", Al-Yarmouk University, Vol. 14,
No. 1, 2005, P. 1-10, ISSN 1023-0149.
www.yu.edu.jo

11. Jafer Ahmed , **Feras M. Al-Faqih**
“Approximate Solution of Weakly Singular
Integral Equation by Mechanical quadrature method”
// in “Zarka Journal for Research and Studies”
Zarka Private University, Vol. 5, No. 2, Dec. 2003,
P. 1-16, ISSN 1561-9109.
www.zpu.edu.jo

10. Feras M. Al-Faqih
“Iterative Methods of Weak-Singular Integral Equations
Solving”//Abstract, **First Conference of the mathematical
society of the Republic of Moldova**,2000, P.56 .

9. F. Al-Faqih
“ On the theory of the harmonic vibration of
transversally isotropic plates”// The fourth scientific day
for faculty of science &arts.
Seminar in **Jordan University of Science & Technology**.

)] PhD's Papers

8. Faqih Firas.
The polynomial Collocations Method for Singular
integral equations with shifts // In “Applied Mathematical
Modeling”. **Feodosia**.-1997.P.186-187.

7. Faqih Firas, Zolotarevski V.
Projection Method for solving singular integral
Equations // Annul Scientific Conference of the
Mathematical scientific Society. **Romania Cluj-Napoca**,
May 27-31 1998. P.37-40.

6. Faqih Firas.

Direct method for solving singular integral
Equations with shifts in the unit circle// **Comp.**
Science journal of Moldova, 1998.V.6,N1, p.92-98.
ISSN : 1561-4042

5. **Faqih Firas.**

Projection-iterative Method for solving singular
integral equations // in “The conference of the
Professorate-teacher staff of the **Moldova State**
Univ.”. Sep.30- oct.5 1998.p.33.

4. **Faqih Firas.**

Some estimations for approximation of functions
By lagrange interpolation polynomials //in” The
conference of the professorate-teacher staff of the
Moldova State Univ.”. Sep.30- oct.5 1998.p.38.

3. **Faqih Firas, Zolotarevski V.**

Approximate solution of systems of singular
Integral equations with a weak singularity in the
Regular part.//Bull. Of the A.S. of **Moldova**, ser
Mathematics. 1998. No.3(28). P.57-64.

2. **Faqih Firas.**

The approximation of the functions by lagrange
Interpolation polynomial on a set of Feyer nodes //
Numerical Analysis: Methods and Algorithms.
Moscow State University. 1998.p.100-108.

1. **Al-Faqih Firas.**

The projection-iterative method for solving
Singular integral equations of elliptic type on
An arbitrary smooth closed contour//bull.A.S.
A R.M.ser. Matematica. 1999, N1(29).

Reviewer:

- 1) In Journal of Applied Mathematics and Computation.
www.elsevier.com.
- 2) In International Journal of Open Problems in Computer Science and Mathematics
WWW.IJOPCM.org
- 3) In Journal of **Transactions on Mathematics**
www.wseas.org

Founding member :

The International Center for Scientific Research and Studies (ICSRS) was founded in 2007 as a non-governmental, non-profit organization and academic center.

<http://www.i-csrs.org>

Committees Memberships:

- A. Department Committees:
 - Member of faculty committee, (Faculty of science – Jerash University).
 - Development and planning Committee.
 - Computer Committee.
 - Library Committee.
 - Study Schedule Committee.
 - Seminars Committee.
- B. Committees (general)
 - Jordanian Mathematics Science Society. Since 2002 – till date.
 - Moldavian Math. Society Since 1998 – till date.
 - Applied for membership in Saudi Mathematical Science Society.