**Curriculum Vitae**

**Feras Mahmoud AlFaqih**

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May 2021

**Personal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***Place of Birth*** | Jordan |
| ***Date of Birth*** | May 01, 1973 |
| ***Marital Status*** | Married |
| ***Nationality*** | Jordanian |
| ***Work Address*** | Department of Mathematics, College of Science, Al-Hussein Bin Talal University, Ma′an, Jordan. Phone: +962-3-2179000 Ext.:**6303**, E-mail: [falfaqih@ahu.edu.jo](mailto:falfaqih@ahu.edu.jo) , oxfer@yahoo.com |
| ***Academic Rank (date)*** | Professor (2014) |
| ***Permanent Address*** | 71111 Ma’an, Jordan. Cell Phone:+962-777760023, E-mail: oxfer@yahoo.com |

**Academic Qualifications \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| 1995 - 2000 | **Ph.D.,** Computational Mathematics, Moldova State University, Kishenev, Moldova. |
| 1991 - 1995 | **B.Sc.,** Mathematical Statistics, Yarmouk University, Irbid, Jordan |

**Specialty \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***General Specialization:*** | Mathematics |
| ***Specialization :*** | Applied Mathematics – Numerical Analysis. |

**Career History \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| October 1995 – May 1998 | **Teaching Assistant,** Department of Computational Mathematics**,** College of Mathematics**,** Moldova State University, Kishenev, Moldova. |
| September 1998 - May1999 | **Lab Supervisor** Department of Computational Mathematics**,** College of Mathematics**,** Moldova State University, Kishenev, Moldova. |
| October 2000 – September 2004 | **Assistant Prof. (as a full-time lecturer),** Faculty of science**,** Mathematics Departments, Jerash University,  Jerash, Jordan. |

September 2004 – March **Assistant Prof. (as a full**-time **lecturer),** Faculty of science**,**

2010 Mathematics Departments, King Faisal University, AlAhs’a,

Saudi Arabia.

June 2005 – August 2005 **Assistant Prof. (as a part**-**time in the summer** **Semester.)**

Al Ta’ef University, Al Ta’ef, Saudi Arabia.

June 2005 – August 2005 **Assistant Prof. (as a part**-**time in the summer** **Semester.)**

Jerash University, Jerash, Jordan.

March 2010 – September **Associate Prof.,** Faculty of science**,** Mathematics

2012 Departments, King Faisal University, AlAhs’a,

Saudi Arabia.

September 2012 – April 2013 **Full time lecturer of the rank of Assistant Professor,**

**Department of Mathematics,** Faculty of science,

Al Hussein Bin Talal University, Ma’an, Jordan.

April 2013 – September 2013 **Full time lecturer of the rank of Associate Professor,**

**Department of Mathematics,** Faculty of science,

Al Hussein Bin Talal University, Ma’an, Jordan.

September 2013 – September **Associate Professor, Department of Mathematics,** Faculty

2014 of science, Al Hussein Bin Talal University, Ma’an, Jordan.

September 2014 **Professor,** Department **of Mathematics,** Faculty

of science, Al Hussein Bin Talal University, Ma’an, Jordan.

**Administrative Experience \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***Positions*** | |
| September 2016 - November 2018 | **Dean of the College of Science**, Al-Hussein Bin Talal University, Ma'an, Jordan. |
| September 2014 - September 2016 | Deputy Dean of the College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan. |
| September 2015 - September 2016 | Chairman of Mathematics Department, College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan. |

September 2007 – **Coordinator of Mathematical Department,** Teachers

September 2009 College – Dep.Of Mathematics. (KSA).

October 2003 – **Coordinator of Mathematical Department,**

September 2004 Dep.Of Mathematics College of Science, Jordan

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| ***Committees*** | |
| 2020 - 2021 | Member of the higher studies committee in the Deanship of the higher studies and Scientific research, Al-Hussein Bin Talal University. |
| 2020 - 2021 | Member of the Editing board Journal Al-Hussein Bin Talal University. |
| 2019 -2021  2016 – 2018  2016 - 2018  2016 - 2018  2013 – 2018 | Member of the disciplinary committee for the faculty members - Al-Hussein Bin Talal University.  Member of Assignment & Promotion Committee, Al-Hussein Bin Talal University  Member of Dean Council / Al-Hussein Bin Talal University.  Member of University Council / Al-Hussein Bin Talal University.  Member of Faculty Council, College of Science, Al-Hussein Bin Talal University |

2016 – 2018 Chairman of Faculty Council, College of Science,

Al-Hussein Bin Talal University.

2014 – 2018 Chairman of the quality assurance and accreditation Committee, College

of Science, Al-Hussein Bin Talal University.

2014 – 2016 Teaching Staff Developing Council Member, Al-Hussein Bin Talal

University.

**HONORS, SCHOLARSHIPS, AWARDS AND GRANTS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Professional memberships and Services \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***Membership(s)*** |
| * Who's Who for Science and Engineering 2010/2011 * 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**](http://www.i-csrs.org) ).   * Jordanian Mathematics Science Society. * Moldavian Math. Society * Applied for membership in Saudi Mathematical Science Society. |

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| ***Service(s)*** |
| * Reviewer in many Journals. |

**Research Interest \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| * Approximation Solution of Integro- differential Equation. * Numerical Methods. * Numerical Simulation for MHD. * Graph theory. |

**Publications \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***Peer-reviewed journal articles*** |
| **36. Feras M Al Faqih & Others** "Numerical Simulation for MHD Flow of Oxide Nanoparticles-Mineral Oil Based Casson Nanofluid over Vertical Stretching Sheet". Under process.  **35. Feras M Al Faqih & Others** " Study of the MHD flow of Casson Nanofluid in the Presence of oxides Nanoparticles Based C2H6O2/H2O Under Constant Heat Flux Boundary Condition", Accepted for publications in the International Review of Mechanical Engineering (IREME), ISSN: 1970-8734 e-ISSN: 2532-5655, Scopus ( Q3 )  **34.** **Feras M Al Faqih & Others** ‘On the edge irregularity strength of bipartite graph and corona product of two graphs’ International Journal of Mathematics and Computer Science, 16(2021), no. 2, 639–645, Scopus ( Q3 ).  **33 -** **Feras M Al Faqih & Others** " Investigation on CNTs-Water and Human Blood Based Casson Nanofluid Flow over a Stretching Sheet under Impact of Magnetic Field"Accepted in Forontiers in Heat and Mass Transfer Journal , (FHMT), 2020, Scopus ( Q2 ).  **32 -** **Feras M Al Faqih & Others** " Direct-Approximate Methods for Solution of Singular Integral Equations with Complex Conjugation Defined on the System of Fejer Points on Contour Γ in Generalized Holder Spaces" Published in the International Journal of Mathematical and Computational Methods , Volume 4, 2019, P. 23 - 30  **31 -** **Feras M Al Faqih & Others** , " Direct-Approximate Methods for Solution of Singular Integral Equations with Complex Conjugation Defined on the System of Fejer Points on Contour Γ in Generalized Holder Spaces" 21st International Conference on Mathematical Methods, Computational Techniques and Intelligent Systems (MAMECTIS '19) , Rome, Italy, May 25-27.  **30 -**  **Feras M Al Faqih, Iurie Caraus**, " Approximate solution of Singular Integro-Differential Equations for displaced Fejer point" Published in the International Journal of Mathematical and Computational Methods [,](http://www.iaras.org/iaras/journals/ijmcm)Volume 3, 2018, P. 58 - 64  **29 - Feras M Al Faqih, Iurie Caraus,** " Approximate solution of Singular Integro-Differential Equations for displaced Fejer point" - 7th International Conference on APPLIED and COMPUTATIONAL MATHEMATICS (ICACM '18) Rome, November 23-25, 2018 , Published in the conference Proceedings which is indexed in ISI.  **28 -** **Feras M Al Faqih & Others** " 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"17th International Conference on Mathmatical and Computational Methods in Science and Engineering (MACMESE '15), Malaysia April 23-25, 2015.  **26 -** **Feras M Al Faqih & Others** " A Note 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  )” Published in Journal Transaction on Mathematics. March 2014.  **24 -** **Feras M Al Faqih & Others** “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), in Budapest, Hungary, December 10-12, 2013    **22 -** **Feras M Al Faqih & Others** " Constructing a Train of Soliton Solutions for the Three-Wave-Interaction Equations " published in journale of Applied Mathematical Sciences, Vol. 7, 2013, no. 63, 3097 – 3109   |  | | --- | | **21 -** **Feras M Al Faqih & Others** " 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 , Thomson ISI | |  |   **20 -** **Feras M Al Faqih & Others** "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  **19 -** **Feras M. Al Faqih**" Numerical Solution of Weakly Singular Integrodifferential Equations on Closed Smooth Contour in Lebesgue Spaces" Published in Journal of Applied Mathematics , Volume 2012 (2012), Article ID 365904, 14 pages , Thomson ISI  **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 April – May 2, 2009  **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 April – May 2, 2009  **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" Vol. 2, 2009, p. 152-158  **15 -** **Feras M. Al-Faqih** " Approximate Solution of Weakly Singular Integral Equations by Iterative Methods" Journal " International Mathematical Forum" Vol. 4, 2009 No. 22, p. 1067-1077  **14 -** **Feras M Al Faqih & Others** “ 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, Conference on Applied Mathematics (MATH'06) Dallas, USA, November 1-3, 2006  **13 -** **Feras M Al Faqih & Others** " Approximate Solution of Singular Integro- Differential Equations in Generalized Holder Space"// Journal "Numerical Algorithms" Springer, Springer Netherlands Vol. 45, No. 1-4/August, 2007, p. 205-215    **12 -** **Feras M Al Faqih & Others** “ 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.    **11 -** **Feras M Al Faqih & Others** “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,  **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 -** **Feras M. 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.  **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.    **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 singIntegral 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 nods //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). |

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| ***Books and book chapters: N/A*** |
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| ***Patents: N/A*** |
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**Conferences And Proceedings \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| * **Feras M Al Faqih & Others** , " Direct-Approximate Methods for Solution of Singular Integral Equations with Complex Conjugation Defined on the System of Fejer Points on Contour Γ in Generalized Holder Spaces" 21st International Conference on Mathematical Methods, Computational Techniques and Intelligent Systems (MAMECTIS '19) , Rome, Italy, May 25-27. * **Feras M Al Faqih, Iurie Caraus,** " Approximate solution of Singular Integro-Differential Equations for displaced Fejer point" - 7th International Conference on APPLIED and COMPUTATIONAL MATHEMATICS (ICACM '18) Rome, November 23-25, 2018 , Published in the conference Proceedings which is indexed in ISI. * **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"17th International Conference on Mathmatical and Computational Methods in Science and Engineering (MACMESE '15), Malaysia April 23-25, 2015. * **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), in Budapest, Hungary, December 10-12, 2013 * **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 April – May 2, 2009 * **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 April – May 2, 2009 * **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 . * **Feras M. 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. * **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. * **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. |

**Teaching\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***Courses Taught-undergraduate*** |
| * Calculus I * Calculus II * Calculus III * Numerical Analysis I & II ( Undergraduate ) * Numerical Analysis ( **Graduate studies** ) * Fundamentals of Mathematics * Mathematical Logic * Discrete Mathematics * Set Theory * Linear algebra 1. * Linear algebra 2. * Bio-statistics. * Euclidean geometry. * Introduction to Statistics & Probability. * Mathematical Statistics. * Statistically Methods. * Introduction to Mathematics. * Experimental and Analysis Design. * Abstract Algebra. * Algebra and Analytic Geometry. * Groups Theory. |

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| ***Courses Taught-postgraduate*** |
| * Numerical Analysis |

**Skills\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***Languages*** |
| * Arabic (native) |
| * English (excellent) * Russian (excellent) |

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| ***Computer Programs*** |
| * Matlab * Matematica * SPSS * SAS * Minitab |