Curriculum Vitae of Faculty Members

جامعة إربد الأهلية
Irbid National University
عمادة الاعتماد والتطوير وضمان الجودة
Accreditation and Quality Assurance Deanship

1.Personal Information.

Name	Dr Mohammad Almousa
Place of Birth	Irbid 18/5/1983
Nationality	Jordanian
Address	Amman - Jordan
Mobile Number	0779406989
E-mail	m.almousa@inu.edu.jo

2.Academic Qualifications

#	Degree	Specialization	Rate	Language of study	University Name	Graduation Date
1.	PhD.	Numerical Analysis	-	English	University Sains Malaysia	2014/2015
2.	M.A or M	Mathematics	v. good	English	Al al-Bayt University	2010/2011
3.	B.A. OR B	Mathematics	v. good	English	Al al-Bayt University	2004/2005
4.	G.S.E.C	Scientific	good	Arabic	Jordanian Ministry of E	2000/2001

Field of narrow specialization for higher degree: Numerical Analysis

Title of Master Thesis: A COMPARISON BETWEEN RIDGE REGRESSION AND LEAST ABSOLUTE VALUE USING SIMULATION TECHNIQUE

Title of Ph.D. Dissertation: APPROXIMATE ANALYTICAL METHODS FOR SOLVING FREDHOLM INTEGRAL EQUATIONS

3. Academic Experience

#	Position	Place of work	Period of work
1.	Math teacher	Ministry of Education	2006 – 2012
2.	Math Teacher	International Arab School, Penang, I	2012-2015
3.	Assistant Professor	Amman Arab University	**2015-2020**
4.	Associate Professor	Amman Arab University	**2020-2022**

4. Conferences

#	Name of Conferences	Date of Conferences	Place of Conference

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1.	INNOVATIONS THROUGH MATHEMATICAL AND STATISTICAL RESEARCH: Proceedings of the 2nd Ir Conference on Mathematical Sciences and Statistics (IC Malaysia.	26–28 January	Malaysia
2.	PROCEEDINGS OF THE 21ST NATIONAL SYMPOS MATHEMATICAL SCIENCES (SKSM21): Germinati Mathematical Sciences Education and Research towards Sustainability, Malaysia	6–8 November 2013	Malaysia
3.	INTERNATIONAL CONFERENCE ON QUANTITAT SCIENCES AND ITS APPLICATIONS (ICOQSIA 201 Proceedings of the 3rd International Conference on Qua Sciences and Its Applications, Malaysia	12–14 August 2014	Malaysia
4.	The Third Conference on Mathematical Science, Jordan	27-29 April 2011	**Jordan**
5.	Joint International Conference on Mathematics, Statistic Engineering 2024	**17-18** Sep 2024	Malaysia

5.Publish Research Paper

Name of Paper	Journal name	Date	Classification
Optimal homotopy asymptotic method for solving the linear Fredholm integral equations of the first kind.	Abstract and Applied Analysis	2013	ISI, Scopus
Numerical solution of Fredholm-Hammerstein integral equations by using optimal homotopy asymptotic method and homotopy perturbation method	AIP Conference Proceedings	2014	ISI, Scopus
A numerical method for solving Urysohn type integral equations	International Journal of Mathematical Analysis	2014	Scopus
Exact solutions for systems of linear and nonlinear Fredholm integral equations by using optimal homotopy asymptotic method	Far East Journal of Mathematical Sciences (FJMS)	2014	Scopus
Equivalence between homotopy perturbation method and Adomian decomposition method in solving two-dimensional linear Fredholm integral equations	AIP Conference Proceedings	2014	ISI, Scopus
The solution of high dimensional Fredholm integral equations using homotopy perturbation method	AIP Conference Proceedings	2014	ISI, Scopus

A comparison between solving of twodimensional nonlinear Fredholm integral equations of the second kind by the optimal homotopy asymptotic method and homotopy perturbation method	Walailak Journal of Science and Technology	2015	Scopus
A new approach for solution of linear time-delay integral equations via Z-decommission method.	Far East Journal of Mathematical Sciences	2017	Scopus
The solutions of three dimensional Fredholm integral equations using Adomian decomposition method.	AIP Conference Proceedings	2016	ISI, Scopus
Semi-analytic algorithms for high dimensional integral equations	AIP Conference Proceedings	2016	ISI, Scopus
Solution of two-dimensional Fredholm integral equation of the first kind by using optimal homotopy asymptotic method	International Journal of Research and Reviews in Applied Sciences	2013	Ebsco, Urlch
Solution of Second Order Initial- Boundary Value Problems of Partial Integro-Differential Equations by using a New Transform: Mahgoub Transform	European Journal of Advances in Engineering and Technology	2016	Ebsco, Urlch
Adomian Decomposition Method with Modified Bernstein Polynomials for Solving Nonlinear Fredholm and Volterra Integral Equations	Mathematics and Statistics	2020	Scopus
On (2, 2)-regular non-associative ordered semigroups via its semilattices and generated (generalized fuzzy) ideals, Mathematics and Statistics	Mathematics and Statistics	2020	Scopus
A COMPARISON BETWEEN RIDGE REGRESSION AND LEAST ABSOLUTE VALUE USING SIMULATION TECHNIQUE.	Advances and Applications in Statistics	2020	Web of Science (ISI)
ON D-COMPACT TOPOLOGICAL SPACES.	Journal of applied mathematics & informatics	2021	ISI, Scopus
Mahgoub Adomian Decomposition Method For Solving Newell-Whitehead-Segel Equation.	International Journal of Mathematics and Statistics Invention	2020	Ebsco, Urlch
Content Analysis of 9th Grade Mathematics	Amman Arab University Research	2021	Ebsco

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Textbook in Jordan within the Framework of (NCTM) Standards	Journal		
Solution of Heat and Wave Equations using Mahgoub Adomian Decomposition Method.	International Advance Journal of Engineering Research	2020	Ebsco, Urlch
SUMUDU AND ELZAKI INTEGRAL TRANSFORMS FOR SOLVING SYSTEMS OF INTEGRAL AND ORDINARY DIFFERENTIAL EQUATIONS	Advances in Differential Equations and Control Processes	2024	Web of Science (ISI)
A Hybrid Laplace Transform-Optimal Homotopy Asymptotic Method (LT-OHAM) for Solving Integro-Differential Equations of the Second Kind.	International Journal of Analysis and Applications	2024	Web of Science (ISI), Scopus
Transitive Closure of Vague Soft Set Relations and its Operators.	International Journal of Fuzzy Logic and Intelligent Systems	2022	Web of Science (ISI), Scopus

7.Languages :

Arabic (For non - Arabic Speakers): Mother tongue
English: good
Other Languages

I'M Hereby that all the foregoing statements above are true, and I bear complete legal responsibility .
Signature : Dr Mohammad Almousa **Place& Date: 21/7/2024**

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