



أ.د. أحمد محمد إبراهيم قزح

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رياضيات تطبيقية/ معادلات تفاضلية

الرتبة الأكاديمية: استاذ دكتور في الرياضيات التطبيقية

العضويات الدولية:

2020- الى الآن	1. جمعية الرياضيات الأمريكية بروفيدنس، رود آيلاند، الولايات المتحدة Member ID: QZAHMAA
2020- الى الآن	2. جمعية الرياضيات الصناعية والتطبيقية Member Number: 001050695.
2024- الى الآن	3. الجمعية السعودية للعلوم الرياضية Member number: 1022195623

العضويات:

1. ممثل كلية العلوم في مجلس الجامعة (جامعة الزرقاء)
2. ممثل كلية العلوم وتكنولوجيا المعلومات في مجلس الجامعة (جامعة جدارا)
3. ممثل كلية العلوم وتكنولوجيا المعلومات في مجلس الجامعة (جامعة اربد)
4. عضو مجلس الجودة - جامعة الزرقاء (مرات عديدة)
5. عضو مجلس الجودة - جامعة جدارا (مرات عديدة)
6. عضو لجنة الكفاءة - جامعة الزرقاء (مرات عديدة)
7. عضو مجلس كلية العلوم - جامعة الزرقاء (مرات عديدة)
8. عضو مجلس كلية العلوم وتكنولوجيا المعلومات - جامعة جدارا (مرات عديدة)
9. عضو مجلس كلية العلوم وتكنولوجيا المعلومات - جامعة اربد (مرات عديدة)
10. رئيس لجنة الجودة في كلية العلوم (الزرقاء، جدارا، اربد)
11. رئيس اللجنة الاجتماعية (جدارا، اربد)
12. عضو اللجنة الاجتماعية (الزرقاء)
13. رئيس لجنة امتحان الكفاءة الجامعية (الزرقاء، الجدارا، اربد)
14. رئيس لجنة الامتحانات (الزرقاء، الجدارا، اربد)

15.	رئيس لجنة التنمية والتخطيط (جدارة، إربد)
16.	رئيس لجنة الجدول الدراسي (الزرقاء، الجدارة، إربد)
17.	عضو لجنة الدراسات العليا (جامعة الزرقاء)
18.	عضو اللجنة البحثية والعلمية (الزرقاء، جدارة، إربد)
19.	عضو اللجنة المنظمة للمؤتمر العربي الدولي السادس للرياضيات، جامعة الزرقاء، 2019.
20.	الرئيس المشارك للمؤتمر العربي الدولي السابع للرياضيات، جامعة الزرقاء، 2022.
21.	الرئيس المشارك للمؤتمر العربي الدولي الثامن للرياضيات، جامعة الزرقاء، 2023.
22.	رئيس قسم الرياضيات / جامعة جدارا سبتمبر 2010 – 2017.
23.	نائب عميد كلية العلوم / جامعة الزرقاء أيلول 2018- 2023.

المؤهلات العلمية:

1.	الدكتوراه في الرياضيات التطبيقية (2000) كلية الميكانيكا والرياضيات، قسم المعادلة التفاضلية، جامعة قازان الفيدرالية، روسيا: التخصص: المعادلات التفاضلية. عنوان الرسالة: اختزال مسألة ديريشليت وتعميمها للمعادلات الإهليلجية على المسائل الحدية للدالة الهولومورفية.
2.	الماجستير في الرياضيات التطبيقية (1996) كلية الميكانيكا والرياضيات، قسم المعادلة التفاضلية، جامعة قازان الفيدرالية، روسيا: التخصص: المعادلات التفاضلية. عنوان الرسالة: تطبيق التحول التكاملي لنواة ميلين في نظرية ببسل.

الأهداف المهنية:

1. تعزيز القدرات البحثية: قيادة المبادرات البحثية التي تعزز الابتكار في الرياضيات التطبيقية، وخاصة في مجال المعادلات التفاضلية. هدفي هو النشر في المجلات المرموقة والتعاون مع الأقران وخبراء الصناعة لحل المشكلات الرياضية المعقدة مع تطبيقات العالم الحقيقي.
2. التعاون وتبادل المعرفة: إنشاء شبكة من التعاون متعدد التخصصات التي تسهل تبادل المعرفة والمنهجيات والموارد. من خلال القيام بذلك، أهدف إلى البقاء في طليعة الاتجاهات والتقنيات الناشئة.
3. تعزيز مشاركة الطلاب: تنفيذ استراتيجيات التعلم النشط وأساليب التعلم التجريبي التي تعزز بيئة تعليمية محفزة. هدفي هو إنشاء منهج شامل لا ينقل المعرفة النظرية فحسب، بل يغرس أيضا المهارات اللازمة للطلاب للتفوق في مساعيهم المستقبلية.
4. تحسين تصميم المناهج الدراسية: العمل بشكل تعاوني مع أصحاب المصلحة في التعليم في تجديد هياكل المناهج الدراسية التي تتماشى مع متطلبات العالم الحديث. ينصب تركيزي على دمج الأدوات التكنولوجية وتقنيات التدريس المبتكرة لجعل تجربة التعلم أكثر فعالية وجاذبية.
5. إعداد الطلاب للمستقبل: لتوجيه الطلاب في مساراتهم الأكاديمية والمهنية من خلال تقديم خدمات الإرشاد والمشورة. أطمح إلى تطوير قادة المستقبل الذين يمكنهم المساهمة بشكل إيجابي في المجتمع والمجتمع العلمي ككل.

الاهتمامات البحثية

Fields of interest: Boundary Value Problems for PDEs of Mathematical Physics (Laplace equation, Helmholtz equation, heat equation, etc.); Boundary Integral Equation Methods; Integral Representations for Solutions; integral equations with logarithmic and Cauchy kernels; boundary value problems for analytic complex functions; applications of boundary value problems to mathematical modelling in acoustics, fluid dynamics, physics and engineering; numerical methods; Fractional Integrals and Derivatives Theory and Applications.

الخبرات التدريسية:

i.	من 2004	الى 2008	أستاذ مساعد	قسم الرياضيات - جامعة اربد / الأردن
ii.	من 2008	الى 2016	أستاذ مساعد	قسم الرياضيات - جامعة جدارا / الأردن
iii.	من 2010	الى 2017	رئيس قسم الرياضيات - جامعة جدارا / الأردن	
iv.	من 2016	الى 2017	أستاذ مشارك	قسم الرياضيات - جامعة جدارا / الأردن
v.	من 2017	الى 2023	أستاذ مشارك	قسم الرياضيات - جامعة الزرقاء / الأردن
vi.	من 2018	الى 2023	نائب عميد كلية العلوم - جامعة الزرقاء / الأردن	
vi.	2023	الى الآن	أستاذ دكتور	قسم الرياضيات - جامعة الزرقاء / الأردن

المنح الدراسية التي حصل عليها:

- منحة دراسية للحصول على درجة الدكتوراه من جامعة قازان الفيدرالية، روسيا. (1996-2000)
- منحة دراسية للحصول على درجة البكالوريوس من وزارة التعليم العالي، الأردن (1989-1996).
- أمور أخرى تم إدراجي ضمن قائمة أفضل 2% من العلماء في العالم التي أنشأها علماء من جامعة ستانفورد في عام 2024-2025.



Qazza, Ahmad
Zarqa University

Rank: 960617

Main Field: Mathematics & Statistics
Sub Field: Applied Mathematics
Rank in the SubField: 377.0
H-index: 12, Hm-index: 7

Top 2% Listed Year(s): 2025, 2024
"Single Year" Data

The data is verified and sourced from ELSEVIER and Stanford University's Top 2% Scientists list.

TOP 2% SCIENTISTS

www.TopSciNet.com





الروابط الأكاديمية:

- <https://scholar.google.com/citations?hl=ar&user=RouKrs4AAAAJ>
- <https://www.researchgate.net/profile/Ahmad-Qazza>
- <https://www.webofscience.com/wos/author/record/AAE-4117-2021>
- <https://orcid.org/my-orcid?orcid=0000-0002-8404-3897>
- <https://www.scopus.com/authid/detail.uri?authorId=56194015400>
- <https://www.linkedin.com/in/dr-ahmad-qazza-b313a282>
- <https://www.facebook.com/aqazza>
- <https://staff.zu.edu.jo/academic/index/4880>
- https://twitter.com/a_qazza
- <https://github.com/aqazza1>

الابحاث المنشورة والمقبولة للنشر:

#	عنوان البحث	جهة النشر	السنة	الاصدار
1.	A Promising Cellulosic Natural Fiber as Prospective Reinforcement in Polymer Composites Structures	SSRN	2025	
2.	Roles of gammaAl ₂ O ₃ -H ₂ O and gammaAl ₂ O ₃ -EG with thermal radiation on MHD flow across porous stretching-shrinking nonparallel channels	Case Studies in Thermal Engineering	2025	73
3.	Exploration of a New Approach Related to Atangana-Baleanu Derivatives for Solving Fractional Partial Differential Equations	International Journal of Mathematical, Engineering and Management Sciences	2025	10(4)
4.	A comparative analysis of the impact of different treatments on Luffa Cylindrica fiber tensile properties	PLoS One	2025	20(7)
5.	Fuzzy Generalization of ZZ Transform	IAENG International Journal of Applied Mathematics	2025	55(6)
6.	Enhanced Solutions to Differential Equations Using Numerical Iterative Approach	IAENG International Journal of Applied Mathematics	2025	55(6)
7.	Linear Fractional Differential Equations for Modeling Nonlinear Hydro Environmental Phenomena	Engineering Letters	2025	33(6)



14	2025	Partial Differential Equations in Applied Mathematics	Dynamics of the Gierer--Meinhardt reaction--diffusion system: Insights into finite-time stability and control strategies	8.
74	2025	Results in Physics	Role of ternary hybrid nanoparticle and EMHD on boundary layer flow with stretching-shrinking plate: Optimization analyses using RMS	9.
27	2025	International Journal of Thermofluids	Effects of Variable Thermo-Physical Characteristics on MHD Ternary Hybrid Second-Grade Nanofluid in Rotating Jeffery-Hamel Flow	10.
27	2025	International Journal of Thermofluids	Conjugated Role of Variant-Shaped Ternary Hybrid Nanoparticles in MHD Jeffery--Hamel Water-EG Flows: New Mathematical Model	11.
22(1)	2025	Journal of Natural Fibers	Water Absorption and Mechanical Behavior of Hybrid Reinforced Epoxy LY556 Composites: Experimental Analysis	12.
25(4)	2025	International Journal of Neutrosophic Science	Finite time Stability and Synchronization of the Glycolysis Reaction-Diffusion model	13.
23	2025	International Journal of Analysis and Applications	Controllability of Intuitionistic Fuzzy Impulsive Neutral Integro-Differential Equations with Nonlocal Conditions	14.
11(1)	2025	Progress in Fractional Differentiation and Applications	Computational Solutions for Fractional Atangana- Baleanu PDEs: An Exploration of Sawi Transform and Homotopy Perturbation Method	15.
18(1)	2025	European Journal of Pure and Applied Mathematics	Advancing Solutions for Fractional Differential Equations: Integrating the Sawi Transform with Iterative Methods	16.
33(1)	2025	Engineering Letters	Solving System of ODEs and Analyzing Chemical Reactions	17.
8(12)	2024	Fractal and Fractional	A Novel Fractional Model Combined with Numerical Simulation to Examine the Impact of Lockdown on COVID-19 Spread	18.
23	2024	WSEAS Transactions on Mathematics	Mittag-Leffler Functions and the Sawi Transform: A New Approach to Fractional Calculus	19.
17(4)	2024	Journal of Radiation Research and Applied Sciences	Leveraging artificial neural networks approach for thermal conductivity evaluation in porous rectangular wetted fins filled with ternary hybrid nanofluid	20.



17(4)	2024	Journal of Radiation Research and Applied Sciences	Exploring the dynamic behavior of the two-phase model in radiative non-Newtonian nanofluid flow with Hall current and ion slip effects	21.
17(4)	2024	Journal of Radiation Research and Applied Sciences	Neural network algorithms of a curved riga sensor in a ternary hybrid nanofluid with chemical reaction and Arrhenius kinetics	22.
31(1)	2024	Arab Journal of Basic and Applied Sciences	Synchronization in fractional discrete neural networks: constant and variable orders cases	23.
11	2024	Partial Differential Equations in Applied Mathematics	Stochastic modeling of influenza transmission: Insights into disease dynamics and epidemic management	24.
13(1)	2024	Nanotechnology Reviews	Computational analysis of water-based silver, copper, and alumina hybrid nanoparticles over a stretchable sheet embedded in a porous medium with thermophoretic particle deposition effects	25.
31(1)	2024	Arab Journal of Basic and Applied Sciences	Stability exploration in fractional h-difference equations with incommensurate orders	26.
32(8)	2024	Engineering Letters	Investigating the Effectiveness of the Laplace Residual Power Series Approach for Volterra Integro-Differential Equation	27.
34(1)	2024	Applied Rheology	Ramification of Hall effects in a non-Newtonian model past an inclined microchannel with slip and convective boundary conditions	28.
140(3)	2024	Computer Modeling in Engineering & Sciences	Composite Fractional Trapezoidal Rule with Romberg Integration	29.
12	2024	Frontiers in Physics	An efficient approximate analytical technique for the fractional model describing the solid tumor invasion	30.
51(7)	2024	IAENG International Journal of Computer Science	Innovative Approaches to Linear Volterra Partial Integro-Differential Equations: A Laplace Residual Power Series Perspective	31.
11	2024	Frontiers in Materials	On the thermal performance of radiative stagnation-point hybrid nanofluid flow across a wedge with heat source/sink effects and sensitivity analysis	32.
2(1)	2024	Open Physics	Two-phase numerical simulation of thermal and solutal transport exploration of a non-Newtonian nanomaterial flow past a stretching surface with chemical reaction	33.



10	2024	Partial Differential Equations in Applied Mathematics	Optimized technique and dynamical behaviors of fractional Lax and Caudrey–Dodd–Gibbon models modeled by the Caputo fractional derivative	34.
17(2)	2024	European Journal of Pure and Applied Mathematics	Analyzing the Impact of Control Strategies on Visceral Leishmaniasis: A Mathematical Modeling Perspective	35.
10(2)	2024	Progress in Fractional Differentiation and Applications	Applying Conformable Double Sumudu – Elzaki Approach to Solve Nonlinear Fractional Problems	36.
14(1)	2024	scientific reports	Predicting the thermal distribution in a convective wavy fin using a novel training physics-informed neural network method	37.
9(5)	2024	AIMS Mathematics	Exploring analytical results for (2+1) dimensional breaking soliton equation and stochastic fractional Broer-Kaup system	38.
9(5)	2024	AIMS Mathematics	A new approach in handling one-dimensional time-fractional Schrödinger equations	39.
10(5)	2024	Heliyon	Mathematical modeling and stability analysis of the novel fractional model in the Caputo derivative operator: a case study	40.
9(4)	2024	AIMS Mathematics	A new analytical algorithm for uncertain fractional differential equations in the fuzzy conformable sense	41.
24	2024	Scientific African	Modeling COVID-19 spread and non-pharmaceutical interventions in South Africa: A stochastic approach	42.
32(3)	2024	Engineering Letters	Double Laplace Formable Transform Method for Solving PDEs	43.
144(1)	2024	Journal of Engineering Mathematics	Effective methods for numerical analysis of the simplest chaotic circuit model with Atangana–Baleanu Caputo fractional derivative	44.
9(2)	2024	AIMS Mathematics	A quintic B-spline technique for a system of Lane-Emden equations arising in theoretical physical applications	45.
33(3)	2024	Journal of Mathematics and Computer Science	Analyzing convex univalent functions on semi-infinite strip domain	46.
54(2)	2024	IAENG International Journal of Applied Mathematics	A Fractional Study for Solving the SIR Model and Chaotic System	47.



18(1)	2024	Applied Mathematics & Information Sciences	Numerical Simulation of an Influenza Epidemic: Prediction with Fractional SEIR and the ARIMA Model	48.
18(1)	2024	Applied Mathematics & Information Sciences	Fractional Partial and Integral Differential Equations and Novel Conformable Double (Laplace -Sumudu) Transform	49.
21(1)	2023	Open Mathematics	An application of Hayashi's inequality in numerical integration.	50.
22	2023	WSEAS Transactions on Mathematics	A Generalized Hybrid Method for Handling Fractional Caputo Partial Differential Equations via Homotopy Perturbed Analysis	51.
138(2)	2023	Computer Modeling in Engineering & Sciences	Results Involving Partial Differential Equations and Their Solution by Certain Integral Transform	52.
2023	2023	Mathematical Problems in Engineering	A New Computational Technique for Analytic Treatment of Time-Fractional Nonlinear Equations Arising in Magneto-Acoustic Waves	53.
7(4)	2023	Fractal and Fractional	A Numerical Solution of Generalized Caputo Fractional Initial Value Problems	54.
41(6)	2023	Journal of Applied Mathematics and Informatics	On the fibers of the tree products of groups with amalgamation subgroups	55.
17(4)	2023	Applied Mathematics and Information Sciences	ARA-Sumudu Method for Solving Volterra Partial Integro-Differential Equations	56.
17(5)	2023	Applied Mathematics and Information Sciences	A Numerical Confirmation of a Fractional SEITR for Influenza Model Efficiency	57.
12(9)	2023	Axioms	A Perturbed Milne's Quadrature Rule for n-Times Differentiable Functions with Lp-Error Estimates	58.
12(4)	2023	Axioms	Application of the Optimal Homotopy Asymptotic Approach for Solving Two-Point Fuzzy Ordinary Differential Equations of Fractional Order Arising in Physics	59.
16(2)	2023	European Journal of Pure and Applied Mathematics	A New Scheme for Solving a Fractional Differential Equation and a Chaotic System	60.
8(9)	2023	AIMS Mathematics	Effective transform-expansions algorithm for solving non-linear fractional multi-pantograph system	61.
17(5)	2023	Applied Mathematics and Information Sciences	ARA-Homotopy Perturbation Technique with Applications	62.



16(2)	2023	European Journal of Pure and Applied Mathematics	New Bounds For The Eigenvalues Of Matrix Polynomials	63.
12(8)	2023	Axioms	Further Accurate Numerical Radius Inequalities	64.
9(5)	2023	Heliyon	Modified conformable double Laplace–Sumudu approach with applications	65.
22	2023	WSEAS Transactions on Mathematics	A New Approach in Solving Regular and Singular Conformable Fractional Coupled Burger’s Equations	66.
12(9)	2023	Axioms	On Further Refinements of Numerical Radius Inequalities	67.
22	2023	WSEAS Transactions on Mathematics	A New Computation Approach: ARA Decomposition Method	68.
8(5)	2023	International Journal of Mathematical, Engineering and Management Sciences	A New Perspective on the Stochastic Fractional Order Materialized by the Exact Solutions of Allen-Cahn Equation	69.
11	2023	Frontiers in Physics	A modern analytic method to solve singular and non-singular linear and non-linear differential equations	70.
16(2)	2023	European Journal of Pure and Applied Mathematics	Adapting Integral Transforms to Create Solitary Solutions for Partial Differential Equations Via A New Approach	71.
12(9)	2023	Axioms	Lp-Mapping Properties of a Class of Spherical Integral Operators	72.
8(6)	2023	AIMS Mathematics	Numerical solution for the system of Lane-Emden type equations using cubic B-spline method arising in engineering	73.
9(5)	2023	International Journal of Applied and Computational Mathematics	Trustworthy Analytical Technique for Generating Multiple Solutions to Fractional Boundary Value Problems	74.
8	2023	Partial Differential Equations in Applied Mathematics	Adapting partial differential equations via the modified double ARA-Sumudu decomposition method	75.
16(2)	2023	European Journal of Pure and Applied Mathematics	Solution of Integral Equations Via Laplace ARA Transform	76.
2023	2023	International Journal of Mathematics and Mathematical Sciences	Nth Composite Iterative Scheme via Weak Contractions with Application	77.
6(12)	2022	Fractal and Fractional	Analytical Solution of Coupled Hirota–Satsuma and KdV Equations	78.



2022	2022	Journal of Applied Mathematics	A Fundamental Criteria to Establish General Formulas of Integrals	79.
136(3)	2023	CMES - Computer Modeling in Engineering and Sciences	On Time Fractional Partial Differential Equations and Their Solution by Certain Formable Transform Decomposition Method	80.
12(2)	2023	Axioms	Direct Power Series Approach for Solving Nonlinear Initial Value Problems	81.
2023	2023	Applied Computational Intelligence and Soft Computing	On the Analytical Solution of Fractional SIR Epidemic Model	82.
15(1)	2023	Symmetry	Conformable Double Laplace–Sumudu Iterative Method	83.
21	2022	WSEAS Transactions on Mathematics	Multi-Fuzzy Rings	84.
8(3)	2023	AIMS Mathematics	Solving fractional partial differential equations via a new scheme	85.
11(10)	2022	Axioms	A Novel Approach in Solving Improper Integrals	86.
6(9)	2022	Fractal and Fractional	A New Approach Using Integral Transform to Solve Cancer Models	87.
8(1)	2023	AIMS Mathematics	A hybrid analytical technique for solving multi-dimensional time-fractional Navier-Stokes system	88.
10(19)	2022	Mathematics	General Master Theorems of Integrals with Applications	89.
2022	2022	Mathematical Problems in Engineering	Application of ARA-Residual Power Series Method in Solving Systems of Fractional Differential Equations	90.
14(9)	2022	Symmetry	Applications on Double ARA–Sumudu Transform in Solving Fractional Partial Differential Equations	91.
6(8)	2022	Fractal and Fractional	Homotopy Analysis Method Analytical Scheme for Developing a Solution to Partial Differential Equations in Fuzzy Environment	92.
10(15)	2022	Mathematics	On the Double ARA-Sumudu Transform and Its Applications	93.
62	2023	Alexandria Engineering Journal	ARA-residual power series method for solving partial fractional differential equations	94.
11(6)	2022	Axioms	Exact Solutions of Nonlinear Partial Differential Equations via the New Double Integral Transform Combined with Iterative Method	95.



21	2022	WSEAS Transactions on Mathematics	Multi-Fuzzy Rings	96.
14(1)	2022	Symmetry	A Novel Numerical Approach in Solving Fractional Neutral Pantograph Equations via the ARA Integral Transform	97.
9(23)	2021	Mathematics	A new attractive method in solving families of fractional differential equations by a new transform	98.
12(6)	2020	Symmetry	A new integral transform: ARA transform and its properties and applications	99.
31(5)	2018	International Journal of Applied Mathematics	The existence of a solution for semi-linear abstract differential equations with infinite B-chains of the characteristic sheaf	100
15(1)	2019	Journal of Mathematics and Statistics	Modification on PPS Sample Scheme with Replacement	101
107(1)	2018	Far East Journal of Mathematical Sciences	A New Procedure For Selecting A Sample With Unequal Probability Without Replacement	102
101(7)	2017	Far East Journal of Mathematical Sciences	On the choice of strategy for modified midzuno scheme	103
100(5)	2016	Far East Journal of Mathematical Sciences	About the solution stability of volterra integral equation with random kernel	104
17(3)	2016	Advances in Differential Equations and Control Processes	Dirichlet Problem in a Simply Connected Domain, Bounded by the Nontrivial Kind	105
10(2)	2014	Journal of Mathematics and Statistics	Stationary connected curves in Hilbert spaces	106
55(2)	2010	Studia Universitatis Babeş-Bolyai	An inversion of one class of integral operator by la sakhnovich's operator identity method	107
22(4)	2009	International Journal of Applied Mathematics	Dirichlet Problem in the Simply Connected Domain, Bounded by Unicursal Curve	108
4(29)	2009	International Mathematical Forum	Sharper inequalities for Powers of the numerical radii of Hilbert space operators	109



المؤتمرات العلمية:

ت	اسم المؤتمر	الجهة المنظمة	عنوان البحث	فترة المؤتمر
.1	12th International Conference on Information Technology (ICIT)	Al-Zaytoonah University	Impact of Aboodh Power Series Algorithm for Integral Equations	27-30-May 2025
.2	12th International Conference on Information Technology (ICIT)	Al-Zaytoonah University	Complex Sawi Integral Transform and Some Applications	27-30-May 2025
.3	12th International Conference on Information Technology (ICIT)	Al-Zaytoonah University	A New Analytical Approach to Fractional Calculus via Mittag-Leffler Functions and the complex Sawi Transform	27-30-May 2025
.4	25th International Arab Conference on Information Technology (ACIT)	Zarqa University	Controlling DC Motor Speed with FoPID-Controllers	10-12 Dec 2024
.5	25th International Arab Conference on Information Technology (ACIT)	Zarqa University	Analyzing Chaotic Jerk System with Hyperbolic Sine: a new algorithm for Engineering Applications	10-12 Dec 2024
.6	2nd International Engineering Conference on Electrical, Energy, and Artificial Intelligence (EICEEAI)	Zarqa University	Prediction of Visceral Leishmaniasis Incidences Utilizing Machine Learning Techniques	27-28 Dec 2023
.7	International Arab Conference on Mathematics (IACMC 2023)	Zarqa University	A Comparative Numerical Study of a Classical Model and Fractional Model for Leishmaniasis	10-12 May 2023
.8	International Arab Conference on Mathematics (IACMC 2023)	Zarqa University	Solving Partial Integro Differential Equations Via Double Laplace-Formable Transform	10-12 May 2023
.9	International Arab Conference on Mathematics (IACMC 2023)	Zarqa University	General Transform Decomposition Method	10-12 May 2023
.10	International Arab Conference on Mathematics (IACMC 2023)	Zarqa University	Efficient Construction Technique for Resolving Dirichlet Boundary-Value Problems in Multiply Connected Domains for Real Elliptic Equations	10-12 May 2023



الكتب المؤلفة:

ت	عنوان الكتاب	جهة النشر	السنة
1.	Mathematics and Computation	Springer Nature	2023
2.	Mathematical Analysis and Numerical Methods	Springer Nature	2024

الإشراف على رسائل ماجستير:

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4. تحليل وسيط
5. المعادلات التفاضلية العادية 1 و 2.
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