د. رضوان أحمد أبوقديري

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التخصص العام/ التخصص الدقيق

الرياضيات البحتة / تبولوجيا

الرتبة الأكاديمية: أستاذ مشارك

العضويات:

عضو مجلس كلية العلوم (عدة مرات)
عضو لجنة الاعتماد وضمان الجودة لكلية العلوم – عدة مرات
عضو اللجنة التنظيمية للمؤتمر العربي الدولي لعلوم الرياضيات – عدة مرات
رئيس اللجنة التنظيمية للمؤتمر العربي الدولي السابع لعلوم الرياضيات
منسق المؤتمر العربي الدولي الثامن لعلوم الرياضيات
رئيس قسم الرياضيات (أيلول 2017 إلى أيلول 2018)
رئيس قسم الرياضيات (أيلول 2020 إلى ايلول 2024)
نائب عميد كلية العوم (أيلول 2024 إلى الآن)

المؤهلات العلمية:

1.	دكتوراة رياضيات بحتة - توبولوجي / جامعة طنطا / جمهورية مصر العربية / 2011 عنوان رسالة الدكتوراة: مداخل جديدة للتعميمات التبولوجية
2.	ماجستير رياضيات / جامعة مؤتة / المملكة الأردنية الهاشمية / 2006 عنوان رسالة الماجستير: حول المجموعات المفتوحة من النمط b وصيغ محددة من الاتصال.
3.	بكالوريوس رياضيات / جامعة مؤتة / المملكة الأردنية الهاشمية / 1993

الخبرات التدريسية:

	من	إلى	
1.	كانون أول 2022	إلى تاريخه	أستاذ مشارك/ قسم الرياضيات/ كلية العلوم / جامعة الزرقاء.
2.	أيلول 2014	كانون أول 2022	أستاذ مساعد/ قسم الرياضيات/ كلية العلوم / جامعة الزرقاء.
3.	2012	2014	أستاذ مساعد/ قسم الرياضيات والحاسوب /كلية العلوم / جامعة الطفيلة التقنية.
4.	2011	2012	أستاذ مساعد/ قسم الرياضيات/ كلية العلوم / جامعة جرش.
5.	2009	2011	مدرس / قسم الرياضيات/ كلية العلوم / جامعة جرش.

المواد التي قمت بتدريسها:

Undergraduate courses:

General Topology (I), General Topology (II), Abstract Algebra (I), Linear Algebra (I), Introduction to Functional Analysis, Logic and Set Theory, Vector Analysis, Calculus (I), Calculus (II), Applied Statistics for engineering, Introduction to statistics, Probability Theory, Biostatistics, Mathematical Statistics, Linear Algebra (II), Euclidian Geometry, Mathematical Programming, Numerical Analysis (I), Real Analysis (I), Number Theory.

Graduate courses:

General Topology (1), Real Analysis (Measure Theory & Integration), Mathematical Statistics.

الأبحاث المنشورة والمقبولة للنشر:

#	السنة	عنوان البحث	جهة النشر
1	(2010)	New Approaches for Generalized Closed Sets	Institute of Mathematics and Computer Science
2	(2010)	New Approaches for generalized Continuous Functions	International Journal of Mathematical Analysis
3	(2011)	Generalized Near Rough Probability in Topological Spaces	International Journal of Contemporary Mathematical Sciences
4	(2011)	Generalized Rough Probability in Topological Spaces	International Journal of Mathematical Archive
5	(2011)	Generalized Near Approximations in Topological Spaces	International Journal of Mathematical Archive
6	(2013)	An Efficient Computational Method for 4th-order Boundary Value Problems of Fredholm IDEs	Applied Mathematical Sciences
7	(2013)	Approximate Solution of Second-Order Integrodifferential Equation of Volterra Type in RKHS Method	Int. Journal of Math. Analysis
8	(2015)	An Expansion Iterative Technique for Handling Fractional Differential Equations Using Fractional Power Series Scheme	Journal of Mathematics and statistics
9	(2016)	Fitted Reproducing Kernel Method for Solving a Class of third-Order Periodic Boundary Value Problems	American Journal of Applied Sciences
10	(2017)	Generalized Near Rough Connected Topologized Approximation Spaces	Global Journal of Pure and Applied Mathematics
11	(2019)	Generalized b- Approximations in Topological Spaces	Far East Journal of Mathematical Sciences
12	(2021)	Generating fuzzy sets and fuzzy relations based on information,	WSEAS Transactions on Mathematics

#	السنة	عنوان البحث	جهة النشر
13	(2021)	Implementation of reproducing kernel Hilbert algorithm for pointwise numerical solvability of fractional Burgers' model in time-dependent variable domain regarding constraint boundary condition of Robin	Results in Physics
14	(2021)	Neutrosophic Logic-Based Document Summarization	Journal of Mathematics
15	(2021)	Two different Views for Generalized Rough Sets with Applications,	Mathematics
16	(2021)	Attractive multistep reproducing kernel approach for solving stiffness differential systems of ordinary differential equations and some error analysis	Computer Modeling in Engineering & Science
17	(2022)	Some Topological Approaches for Generalized Rough Sets and Their Decision-Making Applications	Symmetry
18	(2022)	Nearly Soft β-Open Sets via Soft Ditopological Spaces	European Journal of Pure and Applied Mathematics
19	(2022)	On Categorical Property of Fuzzy Soft Topological Spaces	Applied Mathematics & Information Sciences
20	(2022)	On Structures of Rough Topological Spaces based on Neighborhood Systems	Italian Journal of Pure and Applied Mathematics
21.	(2022)	Analytical solution of nonlinear fractional gradient-based system using fractional power series method	International Journal of Analysis and Applications
22	(2022)	Compactness and connectedness via the class of soft somewhat open sets	AIMS Mathematics
23	(2022)	On b-open sets via infra soft topological spaces	European Journal of Pure and Applied Mathematics
24	(2022)	Approximations by Ideal Minimal Structure with Chemical Application	Intelligent Automation and Soft Computing
25	(2022)	On Covering-Based Rough Intuitionistic Fuzzy Sets	Mathematics
26	(2022)	Continuity and Separation Axioms Via Infra-Topological Spaces	Journal of Mathematics and Computer Science (JMCS)
27	(2022)	n^{th} Power Root Fuzzy Sets and Its Topology	International Journal of Fuzzy Logic and Intelligent Systems
28	(2023)	Medical diagnosis for the problem of Chikungunya disease using soft rough sets	AIMS Mathematics

#	السنة	عنوان البحث	جهة النشر
29	(2023)	A Novel Framework for Generalizations of Soft Open Sets and Its Applications via Soft Topologies	Mathematics
30	(2023)	Economic decision making using rough topological structures	Journal of Mathematics
31	(2023)	On fuzzy points applications of fuzzy topological spaces	International Journal of Fuzzy Logic and Intelligent Systems
32	(2023)	The Relationship between Ordinary and Soft Algebras with an Application	Mathematics
33	(2023)	Generalized π-weak closed sets and some applications on weak structures	Journal of Mathematics and Computer Science
34	(2023)	On Primal Soft Topology	Mathematics
35	(2023)	Further properties of soft somewhere dense continuous functions and soft Baire spaces	Journal of Mathematics and Computer Science
36	(2023)	Modeling of COVID-19 in View of Rough Topology	Axioms
37	(2023)	Fuzzy Soft Sets and Decision Making in Ideal Nutrition	Symmetry
38	(2023)	Generalized Neighborhood Systems Approach for Information Retrieval Systems	Springer Proceedings in Mathematics and Statistics
39	(2023)	Infra Soft β -Open Sets and Their Applications on Infra Soft Topological Spaces	Springer Proceedings in Mathematics and Statistics
40	(2023)	On q-Laplace Transforms	Springer Proceedings in Mathematics and Statistics
41	(2023)	A Recent View of Generalized closed sets	Jokull Journal
42	(2023)	Mutations of Nucleic Acids via Matroidal Structures	Symmetry
43	(2023)	Topological Visualization and Graph Analysis of Rough Sets via Neighborhoods: A Medical Application Using Human Heart Data	Aims Mathematics
44	(2023)	On weakly soft β-open sets and weakly soft β-continuity	Journal of Intelligent and Fuzzy Systems
45	(2023)	Weakly soft b-open sets and their usages via soft topologies: A novel approach	Journal of Intelligent and Fuzzy Systems
46	(2023)	A novel approach to study soft preopen sets inspired by classical topologies	Journal of Intelligent and Fuzzy Systems
47	(2024)	R_i-separation axioms via supra soft topological spaces	Journal of Mathematics and Computer Science

#	السنة	عنوان البحث	جهة النشر
48	(2024)	Extension of topological structures using lattices and rough sets	AIMS Mathematics
49	(2024)	Nano Topology via Idealization	Wseas Transactions on Mathematics
50	(2024)	Enhancing rheumatic fever analysis via tritopological approximation spaces for data reduction	Malaysian Journal of Mathematical Sciences
51	(2024)	On Multi-granulation Rough Sets with its Applications,	Computers, Materials & Continua
52	(2024)	Enhancing Dengue fever diagnosis with generalized rough sets: Utilizing initial-neighborhoods and ideals	Alexandria Engineering Journal
53	(2024)	Soft rough fuzzy sets based on covering	AIMS Mathematics
54	(2024)	Different types of continuous functions and their applications	Applied Mathematics & Information Sciences
55	(2024)	New versions of maps and connected spaces via supra soft sd-operators	PLOS ONE
56	(2024)	Decision-making in Diagnosing Heart Failure Problems Using Basic Rough Sets	AIMS Mathematics
57	(2024)	The accurate diagnosis for COVID-19 variants using nearly initial-rough sets	Heliyon
58	(2024)	Pythagorean Fuzzy Soft Somewhat Continuous Functions	European Journal of Pure and Applied Mathematics
59	(2024)	On Intuitionistic Fuzzy Soft Pretopology	International Journal of Analysis and Applications
60	(2024)	On Some Characteristics of Generalised γ-Closure Spaces	Wseas Transactions on Mathematics
61	(2024)	A Unified theory for particular types of faint continuous multifunction	International Journal of Fuzzy Logic and Intelligent Systems

المؤتمرات العلمية:

فترة المؤتمر	عنوان البحث	الجهة المنظمة	اسم المؤتمر	ت
10-12 أيار 2023	**منسق المؤتمر**	جامعة الزرقاء	المؤتمر العربي الدولي الثامن لعلوم الرياضيات	.1
13 – 11 أيار 2022	1.Generalized Neighborhood Systems Approach for Information Retrieval Systems 2. Infra soft Beta-open sets and their applications on infra soft topological spaces. 3. On q-Laplace Transforms. **رئيس اللجنة التنظيمية**	جامعة الزرقاء	المؤتمر العربي الدولي السابع لعلوم الرياضيات	.2
26 – 24 نيسان 2019	**عضو اللجنة التنظيمية**	جامعة الزرقاء	المؤتمر العربي الدولي السادس لعلوم الرياضيات	.3
20 – 18 أيار 2016	1.A reliable numerical method for solving a certain class of singular initial value problems using reproducing kernel algorithm 2. Fitted Reproducing Kernel Method for Solving a Class of Third-Order Periodic Boundary Value Problems	جامعة الزرقاء	المؤتمر العربي الدولي الخامس لعلوم الرياضيات	.4
23 نيسان 2009	حضور	جامعة أسيوط مصر	المؤتمر الدولي الثالث والعشرون في التبولوجيا وتطبيقاتها	.5
8 – 7 تموز 2008	حضور	جامعة حلوان مصر	المؤتمر الدولي الثاني والعشرون في التبولوجيا وتطبيقاتها	.6

الإشراف على الرسائل الجامعية:

#	اسم الطالب	عنوان الرسالة	السنة
1	مها السعودي	On Generalized b-Closed Sets and Uncertainty	2017
2	اسراء ربيع	On Fiberwise α – Topology	2018
3	ليلى القريوتي	Some Topological Generalizations Using b- Open Sets	2021
4	رشا ابوشباب	On Some Near Open Sets and Uncertainty	2021
5	الاء بدر	New Topological Approaches for Some Generalized Rough Sets	2022
6	دعاء طاهر	Topological Approaches to Granular Computing Using Neighborhoods Systems with Applications	2022
7	هيام حماد	On Some Near Open Concepts of Generalized Rough Sets	2023
8	صهيب الخالدي	On Some Topological Rough Structures Via Ideals	2024

عضو في لجان مناقشة رسائل الماجستير التالية:

#	اسم الطالب	عنوان الرسالة	السنة
1	محمد العملة	Robust Methods in Regression Analysis: Comparison and Improvement	2015
2	احمد العياصرة	Exact Solution of the Self-Dual Yang-Mills Equations	2016
3	زيد الحمصي	Comparison among some Nonparametric Methods in Estimating Regression Models	2017
4	خالد البوريني	New Modification Method for Finding Zeros of Nonlinear Functions	2017
5	نجاح عبيسى	Solutions of Conformable Time Fractional Whithmam-Broer-Kaup Equations by Residual Power Series Method	2017
6	محمد العيسى	Comparison Among Some Methods of Estimating the Parameters of Truncated Normal Distribution	2017
7	اسماء خضر	The Conformable Laplace Transform of the Fractional Chebyshev and Legendre polynomials	2017
8	سوسن فرحان	Solving Fourth –Order Singular Boundary Value Problems Using Reproducing Kernal Helbert Space Method	2018
9	الاء حمزة	Solutions of Nonlinear Volterra-Fredholm Integro-Differential Equations	2018
10	دعاء القتناني	A Sinc-Collocation Method for Solving Integro-Differential Equations of Fractional Derivative	2019

11	مرح عبابنة	Solving Fractional System of Plasma by the Fractional Sub-Equation Method	2020
12	فاطمة سعافين	Inequalities of Means for Numbers and Matrices	2020
13	ولاء عبداللة	Conformable Solution of Some Fractional Equations Using Residual Power Series Method	2021
14	عبادة الغريسي	Solving Ibragimov-Shabat Fractional Partial Differential Equation	2021
15	لانا العبسي	Solving Hunter – Saxton Fractional Partial Differential Equation	2021
16	سعيد الخليلي	New Estimations for the Zeroes of Polynomials Using Refinements of Numerical Radius Inequalities	2022
17	علا رمضان	Refinements of Some Classical Inequalities for Scalars and Matrices	2022
18	بهاء الدين النداف	Generalizations on Numerical Radius and Some Related Inequalities	2023
19	محمد حسين أبوغويله	Master Generators to Construct and Solve Families of Ordinary Differential Equations	2023
20	عبدالله الحمد	Using Sub - Equation Method to Solve Some Fractional Equations	2023
21	عارف سرحان	The Numerical Radius of Block Matrices and Some Applications	2023
22	اسراء فريحات	Some Problems in Accelerated Life Test	2023
23	روان الصمادي	Singular Value and Norm Inequalities for Functions of Matrices	2024

خدمة المجتمع:

الفترة	النشاط	ت
(17–18)/7/2019م.	دورة التحليل الإحصائي (موجهه للعاملين في رياض ومدارس جامعة الزرقاء)	1.

المعلومات الشخصية:

رضوان احمد ابوقديري	:	الاسم
الزرقاء – شارع الكرامة – بجانب فندق الجوابرة	:	العنوان
+962-5-3821100 فرعي 1503	:	هاتف العمل
0798212156	:	موبايل
P. O. Box: 132222 – Zarqa 13132 – Jordan.	:	العنوان البريدي