

## البحوث المنشورة للعام الدراسي 2023-2022 و 2024-2023

### قسم الرياضيات

Google Scholar	تاريخ النشر	اسم المجلة	عنوان البحث	اسم التدريسي	ت
<a href="https://scholar.google.com/citations?user=ZQVmVTUAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=ZQVmVTUAAAAJ&amp;hl=en</a>	October 25 2022	Proceeding of the 1st International Conference on Advanced Research in Pure and Applied Science ((ICARPAS2021))	Super Convergence of Finite Element Approximations for Elliptic Problem with Neumann Boundary Condition	أ.د. ربيع هادي جاري	.1
<a href="https://scholar.google.com/citations?user=Uks4so4AAAJ&amp;hl=en">https://scholar.google.com/citations?user=Uks4so4AAAJ&amp;hl=en</a>	2023/11	Journal of Interdisciplinary Mathematics	Finding exact solutions for selected nonlinear evaluation differential equations	أ.د. ميادة غصاب محمد	.2
<a href="https://scholar.google.com/citations?user=V26KouMAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=V26KouMAAAAJ&amp;hl=en</a>	2024	02-progress in fractional differentiation and applications	Analytical Approximations for a System of Fractional Partial Differential Equations	أ.م.د. لميس كاظم علي	.3
	2023	AIP Conference Proceedings (ISSN: (0094-243X, 1551-7616	Approximate analytical solutions of fractional Navier-Stokes equation		
	2023	Journal Results in Nonlinear Analysis (RNA)	Fractional differential equations with an approximate solution using the natural variation iteration method		
	2023	Journal of College of Education for Pure Science	Analytical Solutions for the Nonlinear Homogeneous Fractional Biological Equation using a Local Fractional Operator		
	2022	Journal of the Nigerian Society of Physical Sciences	Time-Fractional Differential Equations with an Approximate Solution		
	2021	International Journal of Nonlinear Analysis and Applications	Stability of (1,2)-total pitchfork domination		
	2021	International Journal of Nonlinear Analysis and Applications	The approximate analytical solutions of nonlinear fractional ordinary differential equations		
	2011	Journal of Basra Research (Sciences)	Flat Bochner Curvature Tensor of Locally Conformal Kahler Manifold		
	2010	College of Education Journal	Almost Kahler Manifold of The Pointwise Holomorphic Sectional Curvature Tensor		
<a href="https://scholar.google.com/citations?view_op=list_works&amp;hl=ar&amp;user=86oPIV0AAAAJ&amp;kg=20a942ad73c8ea48&amp;shem=igas&amp;source=sh/x/gsm3/5">https://scholar.google.com/citations?view_op=list_works&amp;hl=ar&amp;user=86oPIV0AAAAJ&amp;kg=20a942ad73c8ea48&amp;shem=igas&amp;source=sh/x/gsm3/5</a>	2022	Eastern-European Journal of Enterprise Technologies	IMPLEMENTATION OF THE ENHANCED ANT COLONY SYSTEM ALGORITHM TO SOLVE RELIABLE COMMUNICATION NETWORK DESIGN	أ.م.د. هيفاء محسن بطي	.4
	2023	Applied Computational Intelligence and Soft Computing	Applying the Roulette Wheel Selection Approach to Address the Issues of Premature Convergence and Stagnation in the Discrete Differential Evolution Algorithm		

	2023	Mathematical Modelling of Engineering Problems	Harmony Search Algorithm for Solving Combinatorial Optimization Problems: Bibliometric Analysis		
	2022	Nonlinear Functional Analysis and Applications	AN EXISTENCE OF THREE DIFFERENT NON-TRIVIAL SOLUTIONS FOR DISCRETE ANISOTROPIC EQUATIONS WITH TWO REAL PARAMETERS		
<a href="https://scholar.google.com/citations?user=exDd39kAAA&amp;hl=ar">https://scholar.google.com/citations?user=exDd39kAAA&amp;hl=ar</a>	09/12/2023	Journal of Interdisciplinary Mathematics	A note on intuitionistic fuzzy-n-normal operator on IFH-space	أ.م.د. هديل علي حسن	.5
<a href="https://scholar.google.com/citations?view_op=list_works&amp;hl=id&amp;user=rNK7SJ8AAAAJ">https://scholar.google.com/citations?view_op=list_works&amp;hl=id&amp;user=rNK7SJ8AAAAJ</a>	14/2/2023	مجلة كلية التربية للعلوم الصرفة جامعة ذي قار	A Properties of mandelbrot set of Quartic rational maps		
	June 2024	Chinese Journal of Physics	Slip boundary conditions effect on bidispersive convection with local thermal non-equilibrium: Significant findings	أ.م.د. وسام كامل غافل	.6
<a href="https://scholar.google.com/citations?hl=ar&amp;user=Q0oHYcAAAAJ">https://scholar.google.com/citations?hl=ar&amp;user=Q0oHYcAAAAJ</a>	20 June 2023	Arbian Journal of Mathematics	Lie Symmetry Analysis and some new exact solutions of the Fokker - Planck Equations سنة 2023 منشور	أ.م. سمر كاظم عجيل	.7
<a href="https://scholar.google.com/scholar?hl=ar&amp;as_sdt=0%2C5&amp;q=Abeer++A.+Abdul_Razraq&amp;btnG">https://scholar.google.com/scholar?hl=ar&amp;as_sdt=0%2C5&amp;q=Abeer++A.+Abdul_Razraq&amp;btnG</a>	May 2023	Applied Computational Intelligence and Soft Computi	Applying the Roulette Wheel Selection Approach to Address the Issues of Premature Convergence and Stagnation in the Discrete Differential Evolution Algorithm		
	June 2022	Eastern-European Journal of Enterprise	Implementation of the enhanced ant colony system algorithm to solve reliable communication network design	أ.م.د. عبير عبد الكاظم عبد الرزاق	.8
<a href="https://scholar.google.co.in/citations?hl=en&amp;user=Ucy19BkAAAAJ">https://scholar.google.co.in/citations?hl=en&amp;user=Ucy19BkAAAAJ</a>	13 February 2023	AIP Conference Proceedings	Solving fractional PDEs by using Daftardar-Jafari method		
	25 October 2022	AIP Conference Proceedings	A new analytical method for solving nonlinear biological population model		
	13 February 2023	AIP Conference Proceedings	A new technique of using adomian decomposition method for fractional order nonlinear differential equations		
	19 Dec 2022.	Journal of Interdisciplinary Mathematics	A unique approach for solving the fractional Navier–Stokes equation		
	12 Dec 2023	FACTA UNIVERSITATIS (NI'S) Ser. Math. Inform.	SOLVING BURGER'S AND COUPLED BURGER'S EQUATIONS WITH CAPUTO-FABRIZIO FRACTIONAL OPERATOR	أ.د. حسن كامل جاسم	.9
	1 Oct 2023	Progress in Fractional Differentiation and Applications	Analysis of Fractional Differential Equations with Antagana-Baleanu Fractional Operator		
	22 Jan 2023	Heat Transfer	Analysis of fractional Navier–Stokes equations		
	1 Jan. 2024	Progress in Fractional Differentiation and Applications	Analytical Approximations for a System of Fractional Partial Differential Equations		

<a href="https://scholar.google.com/citations?hl=en&amp;user=IRSSYroAAAAJ&amp;view_op=list_works&amp;sortby=pubdate">https://scholar.google.com/citations?hl=en&amp;user=IRSSYroAAAAJ&amp;view_op=list_works&amp;sortby=pubdate</a>	2023	AIP Conference Proceedings	Existence results for some equilibrium problems involving Bh-monotone trifunction	ا.م.د. عايد العيوس حاشوش	.10
	2023	Journal of Education for Pure Science-University of Thi-Qar	NEW FINDINGS RELATED TO GP-METRIC SPACES		
<a href="https://scholar.google.com/citations?hl=en&amp;user=ploiZ3AAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=ploiZ3AAAAAJ</a>	2024	Iraqi Journal of Science	Generalizations of Supplemented and Lifting Semimodules	ا.م.د. أحمد حسن علوان	.11
	2024	Baghdad Science Journal	g-Small Intersection Graph of a Module		
	2024	Baghdad Science Journal	Principally ss-Supplemented Modules		
	2023	Journal of Discrete Mathematical Sciences & Cryptography	The inclusion subsemimodule graph of a semimodule		
	2023	Journal of Interdisciplinary Mathematics	Ss-supplemented semimodules		
	2024	Journal of Interdisciplinary Mathematics	Co-intersection Graph of Subsemimodules of a Semimodule		
	2022	Int. J. Nonlinear Anal. Appl.	On the Co-intersection Graph of Subsemimodules of a Semimodule		
	2022	JOURNAL OF OPTOELECTRONICS LASER	$\delta$ -Lifting and $\delta$ -Supplemented Semimodules		
	2023	Al-Bahir Journal for Engineering and Pure Sciences	g-Coatomic Modules		
	2023	Al-Bahir Journal for Engineering and Pure Sciences	$\delta$ -Small Intersection Graphs of Modules		

	2024	Al-Bahir Journal for Engineering and Pure Sciences	$\oplus$ -Supplemented Semimodules		
	2024	Al-Bahir Journal for Engineering and Pure Sciences	Rad- $\oplus$ -Supplemented Semimodules over Semirings		
	2022	Commun. Combin., Cryptogr. & Computer Sci.	Small Intersection Graph of Subsemimodules of a Semimodule		
	2023	Commun. Combin., Cryptogr. & Computer Sci.	Principally Supplemented Semimodules		
	2023	Commun. Combin., Cryptogr. & Computer Sci.	Semisimple-Intersection Graphs of Ideals of Rings		
	2023	Journal of Electronics, Computer Networking and Applied Mathematics	Generalized Supplemented Semimodules		
	2023	Eurasian Journal of Physics, Chemistry and Mathematics	Cofinitely Lifting Semi modules		
	1/3/2024	مجلة كلية التربية للعلوم الصرفة	The mole plough dominations in graph theory	م. علياء عذاب علوان	.12
	17/2/2024	مؤتمر الكفيل العلمي جامعة الكفيل	Co_r equality of domination graphs		
	2023	Mathematical modelling of engineering problem	Harmony search algorithm for solving combinetal optimization problems	م. وفاء عبد العباس شهاب	.13
<a href="https://scholar.google.com/citations?view_op=new_profile&amp;hl=en">https://scholar.google.com/citations?view_op=new_profile&amp;hl=en</a>	2022	Journal of optoelectronics laser	Simplified plasmonic photonic crystal fiber sensor design to enhance wavelength sensivity for wide range of analytes	م.م. التفات راضي جلود	.14
<a href="https://scholar.google.com/citations?view_op=list_works&amp;hl=id&amp;user=">https://scholar.google.com/citations?view_op=list_works&amp;hl=id&amp;user=</a>	2024	Gulf,Journal of Mathematics	GLOBAL EXISTENCE OF A PAIR OF COUPLED CAHN-HILLIARD EQUATIONS WITH NONDEGENERATE MOBILITY AND LOGARITHMIC POTENTIAL	م.م. غفران عادل عطا	.15

13Hz2Q4AAAAJ	2024	Applied Numerical Mathematics	Finite element analysis of extended Fisher-Kolmogorov equation with Neumann boundary conditions		
	2024	Journal of Mathematical Modeling	Analysis of a coupled pair of Cahn-Hilliard equations with nondegenerate mobility		
	October 2022	Iraqi Journal for Computer Science and Mathematics	Double-Stage Shrinkage Estimation of Reliability Function for Burr XII Distribution	م.م. ایمان جلیل عتیوی	16