



College of Education for Pure Science

Department of Mathematics

Published Articles in International and Local Journals (2023-2022)

N	Article Title	Authors	Academic Title	Journal	Class
1	$h\alpha$ -Open Sets in Topological Spaces	Beyda S. Abdullah Sabih W. Askandar Ruqayah N. Balo	Assistant Professor Lecturer Lecturer	Journal of Education and Science	local
2	Inclusion Mapping and Partition Theory	Hiba Raaed Hashim Ammar S. Mahmood	Student Professor	Journal of Physics: Conference Series	Scopus
3	Global Convergence Analysis of a new Hybrid Conjugate Gradient Method for Unconstraint Optimization Problems	Basma T. Fathy Maha S. Younis	Student Assistant Professor	International Conference on Mathematics and Applied Science	Scopus
4	A Geometric Construction of (K, r) -cap in $PG(3, q)$ for q prime, $2 \leq q \leq 997$	Hamid Mohamed Khalaf Nada Yassen Kasm Yahya	PhD.student Professor	Journal of Physics: Conference Series2322 (2022) 012043 IOP Publishing doi:10.1088/1742- 6596/2322/1/012043	Scopus
5	Construction of a complete $(K, \theta) - span$ in $PG(3, 13)$	Hamid Mohamed Khalaf Nada Yassen Kasm Yahya	PhD.student Professor	Al-Rafidain Journal of Computer Sciences and Mathematics (RJCM), Vol. 16, No. 1, 2022 (137-147)	local

6	New memoryless self-scaling quasi Newton strategy on large scale unconstrained optimization problems	Aseel M.Qasim Zeena F.saleh	Assistant Professor Lecturer زينه فالح صالح	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
7	Separation axiomes by using gh-closed sets2s	Beyda S Abdullah Sabih W Askandar	Assistant Professor Lecturer	Samarra journal of Pure and Applied Science	local
8	The Metric Chromatic Number of Zero Divisor Graph of a Ring Zn	Husam Qasem Mohammad Shaymaa Haleem Ibrahemn Luma Ahmed khaliel	Assistant Professor Assistant Lecturer Lecturer	Hindawi International Journal of Mathematics and Mathematical Science	Scopus
9	Computing the Cost of Service Projects in Telkaif Town using Soft Sets and Soft Topology	Sabih W Askandar	Lecturer	Romanian Journal of Applied Sciences and Technology	international
10	Remarks on Ultrasemiprime algebras	Mohammed Th.Alneima Ruqayah N. Balo Nadia Adnan abdulrazaq	Lecturer Lecturer Lecturer	Iraqi Journal of Science	Scopus
11	On a nonlinear integrodifferential equations with two variables on time scales	Wafaa S.Ramadan Akram H.Mahmood	PhD. Student Professor	AIP Conference proceedings	Scopus
12	Some rules for post-using diagram rim	Ammar S. Mahmood Alee I.Alabaawee	Professor Assistant Lecturer	AIP CONFERENCE PROCEEDING	Scopus
13	The combined Sumudu transform Adomian decomposition method for solving system of linear fredholm volterra integro-integral equations	Lamiaa hazem saadoon Al-Tae Waleed Mohammed Al-Hayani	Assistant Professor Assistant Professor	AIP conference proceedings	Scopus
14	A new geometric method for constructing complete (k,n)-arcs in PG (3,11)	Hamid Mohamed Khalaf Nada Yassen Kasm Yahya	PhD.student Professor	AIP conference proceedings	Scopus
15	Spectral Extension Property of Perturbed Triple Product on Semisimple Commutative Banach Algebras	Marwan Azeez Jardo Amir A Mohammed	Assistant Lecturer Professor	Al-Rafidain Journal of Computer Sciences and Mathematics (RJCM)	local

N	Article Title	Authors	Academic Title	Journal	Class
16	The combined Sumudu transform Adomian decomposition method for solving of linear Volterra integral equations	Lamiaa hazem saadon Al-Tae Waleed Mohammed Al-Hayani	Assistant Professor Assistant Professor	AIP conference proceeding	Scopus
17	The possible solutions for the two KdV-equations using a semi-analytical Kamal-iteration method	Amal Jasim Mohammed Sohaib Talal Al-Ramadhani Rabeea Mohammed Hani Darghoth	Assistant Professor Lecturer Lecturer	European Journal of Pure And Applied Mathematics	Scopus
18	New Applications of Coding Theory in The Projective Space of Order Three	Hajir Hayder Abdullah Nada Yassen Kasm Yahya	PhD.student Professor	Zanco Journal of Salahaddin University -Erbil	local
19	Comparative Evaluation of Prediction Model between Inference Fuzzy System and Universal Kriging for Spatial Data	Ghanim Mahmood Dhafer Ibrahim Abdulghany Ibrahim	Lecturer Lecturer	Technium: Romanian Journal of Applied Sciences and Technology	international
20	A New Hybrid Conjugate Gradient Method for Unconstraint Optimization	Muyassar Ali Ahmed Jasim Maha S. Younis	student Assistant Professor	AIP Conference Proceedings	Scopus
21	Almost Unbiased Ridge Estimator in the Inverse Gaussian Regression Model	Younus Hazim Al-Taweel Zakariya Yahya Alagamal	Assistant Professor Professor	Electronic Journal of Applied Statistical Analysis	Scopus
22	<i>ic – Separation</i> Axioms in Topological Spaces	Beyda S Abdullah Ruqayah N. Balo Sabih W Askandar	Assistant Professor Lecturer Lecturer	Academic Science Journal	local
23	Using Kriging Technique to Interpolate and Forecasting Temperatures Spatio-Tempotal Data	Ghanim Mahmood Dhafer Ahmed Hussien Mohammed Shexo	Lecturer Assistant lecture	EUROPEAN JOURNAL of PURE and APPLIED MATHEMATICS	Scopus
24	Factors affecting the achievement of demand in high school certificate examination in Erbil , KRG, Iraq	David Wafula Waswa Mowafaq Muhammed Al-kassab Azhar Abdulrazak Alhasoo	Assistant lecture Professor Lecturer	AIP Conf. Proc. 2554,03000-1-030003-4	Scopus

25	On graph - Syriac letters partition	Hadil H.Sami Mohammed K.Ahmed Ammar S. Mahmood	Lecturer Lecturer Professor	Iraqi journal of science	Scopus
26	Mathematical Eigenfunctions analysis for second kind of Fredholm integral equations	Lamiaa hazem saadoon Al-Tae Ahmed Amer Mohammed	Assistant Professor Lecturer	European Journal of pure and applied Mathematics	Scopus
27	Topological features of ic- open sets	Beyda S Abdullah Sami Abdullah Abed Amir A Mohammed	Assistant Professor Lecturer Professor	Tikrit journal of pure science	local
28	The Effect of a Magnetic Field on the Stability of Fluid Flow in a Porous Channel	Iman Al-Obaidi Hamsa D.Saleem Alaa A.Hammodadat	Assistant Lecturer Lecturer Professor	Technuim	international
29	On Left Slides (Upper or Lower) in e-Abacus Diagram	Jwan K. Khaleel Ammar S. Mahmood	student Assistant Professor	Journal of Education and Science	local
30	Solving Fredholm Integral Equation Based On Padé Approximants Using Particle Swarm Optimization	Israa I.M.Sheekhoo Azzam S.Y.Aladool	student Lecturer	Journal of Education and Science	local
31	The Best Common Feature Between ii-Open and α -Open Sets	Sabih W Askandar Amir A Mohammed	Lecturer Professor	International Journal of Scientific Research	international
32	A new procedure with iteration methods to solve a nonlinear two dimensional Bogoyavlensky- Konopelchenko equation	Amal Jasim Mohammed Ahmed Farooq Qasim	Assistant Professor Assistant Professor	Journal of Interdisciplinary Mathematics	scopus
33	TWMS Journal of Applied and Engineering Mathematics	YOUNUS AL-TAWEEL ZAKARIYA ALGAMAL	Assistant Professor Professor	ALMOST UNBIASED RIDGE ESTIMATOR IN THE ZERO-INATED POISSON REGRESSION MODEL	scopus