



College of Education for Pure Science - Department of Mathematics

Published Researches in International and Local Journals 2020 - 2021

No.	Article Title	Authors	Title	Name of Journal	Type
1	New Methods of Computing the Conjugate of Young Diagram	Ammar Seddiq Mahmood	Professor	IOP Journal of Physics: Conference Series	Scopus
2	Replacing the Content in e-Abacus Diagram II	Ammar Seddiq Mahmood	Professor	Iraqi Journal of Science	Scopus
3	Soft Generalized α -Closed Sets in Soft Topological Spaces	Sabih Wadie Askandar	Lecturer	Journal of Physics: Conference Series	Scopus
		Amir Abdulillah Mohammed	Professor		
4	Effect of Soil Data Spatial Distribution for Multivariate Spatial Predication under Uncertainty	Ghanim Mahmood Dhafer	Lecturer	Turkish Journal of Computer and Mathematics Education	Scopus
5	Bayesian Approach for Analyzing Computer Models using Gaussian Process Models	Younus Hazim Ismael Al-Taweel	Assistant Professor	JOURNAL OF EDUCATION AND SCIENCE	Local
6	A new conjugate gradient algorithms using conjugacy condition for solving unconstrained optimization	Aseel Muayad Qasim	Lecturer	Indonesian Journal of Electrical Engineering and computer science	Scopus

No.	Article Title	Authors	Title	Name of Journal	Type
7	The Effects of Electrical Conductivity on Fluid Flow between Two Plates in a Porous Medium	Alaa Abdul-Raheem Hammodat	Professor	Iraqi Journal of Science	Scopus
		Ghanim Mohammed Salih Abdullah	Lecturer		
		Iman Hashim Najm	Assistant Lecturer		
8	Numerical Solution of Energy Equation in Porous Channels under Effects of Radiation Field	Prof. Alaa Abdul-Raheem Hammodat	Professor	Iraqi Journal of Science	Scopus
9	Existence and uniqueness solutions for nonlinear fractional differential equations with fractional integral boundary conditions	Nadia adnan abdulrazaq	Lecturer	Journal of Interdisciplinary Mathematics	Scopus
		Hanan salim mohammed	Lecturer		
		Noora Laith Housen	Lecturer		
10	Existence and Uniqueness of Positive Solution for Boundary Value Problem of Fractional Differential Equations	Noora Laith Housen	Lecturer	AL-Rafidain Journal of Computer Sciences and Mathematics	Local
		Hanan salim mohammed	Lecturer		
		Nadia adnan abdulrazaq	Lecturer		
11	Solving Systems of Non-Linear Volterra Integral Equations by Combined Sumudu Transform-Adomian Decomposition Method	Lamiaa Hazim Saadoon Al-Taee	Assistant Professor	Iraqi Journal of Science	Scopus
12	Anew Type Sizes for Unconstrained Optimization	Dr. Maha Salah Younis	Assistant Professor	Journal of Physisc : Conference Series	Scopus
13	Splitting the e-Abacus Diagram in the Partition Theory	Hanan salim mohammed	Lecturer	Iraqi Journal of Science	Scopus
		Nadia adnan abdulrazaq	Lecturer		
14	Bounds on minimum distance for linear codes over GF (q)	Nada Yassen Kasm Yahya	Professor	Italian Journal of Pure and Applied Mathematics	Scopus
15	A Geometric Construction of Surface Complete (k, r)-cap in PG (3, 7)	Nada Yassen Kasm Yahya	Professor	IOP Journal of Physics: Conference Series	Scopus

16	The Non-existence of [1864, 3, 1828] 53 Linear Code by Combinatorial Technique	Nada Yassen Kasm Yahya	Professor	International Journal of Mathematics and Computer Science	Scopus
17	Solve Partial Differential Equations using the Banach Contraction Method and Improve Results Using the Trapezoidal Rule	Hiba shkuer mahmood	Assistant Lecturer	Raf. J. of Comp. & Math's	Local