College of Education for Pure Science

Department of Mathematics

Graduation Projects (2024-2025)

N	First student	Second student	Supervisor's Name	Project Title
1.	Mohammed Hazim Mohammed	Alaa Hamza Mohammed	Asst. Prof. Dr. Sabih Wadie Askandar Qaqos	Study About Compactness and Connectedness for Semi-Generalized b-Closed Sets
2.	Yossif Abdul-Qadir Jssim	Saif Ali Younes	Asst. Prof. Dr. Sabih Wadie Askandar Qaqos	On W-Separation Axioms
3.	Moued Adnan Thanon		Dr. Marwan A. Jardo	iα- Continuous Functions in Topological Spaces
4.	Noor Mohammed Abd- Albar		Dr. Marwan A. Jardo	Study on Linear Spaces
5.	Zubaida Subhi Abdullah	Saja Mohammed Ibrahim	Dilshad qasim hamza	Applying Numerical Methods to Solve Differential Equations
6.	Rahma Osama Abdulqader Ahmed		Dilshad qasim hamza	Partial Differential Equations and Some Methods of Solving Them
7.	Saadoun Thanoon Younis		Dilshad qasim hamza	Methods for Solving Homogeneous and Non-Homogeneous Linear Differential Equations of Order n with Constant Coefficients
8.	Abdullah firas mouaead		Tariq hamad abdullah	Fuzzy sets theory
9.	Zakrea mohammed hammed		Tariq hamad abdullah	Surfaces and Applications in Differential Geometry

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10.	Ammar euayd khider		Tariq hamad abdullah	A study of the concept of analytic function with some applications
11.	Raghad Nashwan Najib Tawfiq		Younus Hazim Ismael Al-Taweel	A study of Order Statistics
12.	Raghad Mohammed Aziz Taama	Safia Mazen Shukr	Younus Hazim Ismael Al-Taweel	Generalized Linear Regression Model
13.	Raghad Nashwan Najib Tawfiq	Fatima Ayad Mahmoud Qasim	Younus Hazim Ismael Al-Taweel	Study on Order Statistics
14.	Safa sami Mahmood Ahmed	Alaa Abdullah Fathi Malo	Prof.Dr.Nada Yassen Kasm Yahya	The Subspace in 3-dimensional projective space of order 5 and 7
15.	Aya Khaled Salah Yahya		Prof.Dr.Nada Yassen Kasm Yahya	Construction in 3-dimensional projective space of order 4
16.	Mohanad Ali Khudayr Salim		Prof.Dr.Nada Yassen Kasm Yahya	The classification in 3-dimensional projective space of order 3
17.	Munif A. Radhi		Beyda S. Abdullah	Ph_open sets
18.	Uday S. Hussein/ Mahdi M. Wali		Beyda S. Abdullah	Ph_continuous mapping
19.	Mohammed faiz qasim	oday sadam Abdullah	Asim ahmed khaleel	The Difficulties Faced by Mathematics Department Students in Studying Educational Subjects in Light of Certain Variables
20.	Shahed faris atya		Asim ahmed khaleel	The Level of Inclination Toward the Teaching Profession Among Mathematics Department Students at the College of Education for Pure Sciences in Light of Certain Variables
21.	Israa Abdulrahman Mohammed		Asst.Prof.Dr. Azzam.S.Y.Aladool	Numerical solution of the heat equation and study of the effect of different heat sources on heat transfer using MATLAB
22.	Saja Faez Fatah	Atyaf Ahmed Salih	Asst.Prof.Dr. Azzam.S.Y.Aladool	Numerical solution of fourth-order initial value problems using the MATLAB function ode15s
23.	Manar Abdalbaset	Doaa. Qusay Muaued	Ghanim Mahmood Dhaher	One - Way analysis of variance theoretical and practical using Sigmaplot
24.	Muhammad ali Saleh		Ghanim Mahmood Dhaher	Spatial Statistics
25.				
26.	Enas Khalid Khalaf	Hala Idres Yahya	Prof. Dr. Ammar Seddiq	Calculating the e-abacus diagram after moving the

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			Mahmood	columns regularly or randomly
27.	Safa Laith Saken		Prof. Dr. Ammar Seddiq Mahmood	Calculating the e-abacus diagram after moving the rows regularly or randomly
28.	Youssef Ammar Hamoudi	Hamam Tahseen Nader	Ruqayah Nafea Balo	Nα - open application in bitopological space
29.	Mohamed Saad Abd	Mustafa Rakan Abdul Karim	Ruqayah Nafea Balo	Nα_ open sets in bitopological space
30.	Fatima Muhammad Abdul Aziz		Ghanim Mohammed Salleh	Using numerical methods (Finite Differences) to solve an Kortewege-de Varis-Burger Equation
31.	Shaima Hassan Mustafa		Ghanim Mohammed Salleh	Study of the equations of motion and their applications (volcanic domes)
32.	Aamer Abdullah Issa	Ali Abdulhakim Nayef	Hiba Shuker Mahmood	Solving the heat equation using the Adomian iterative method
33.	Abdul wahab mohmoud Fathy		Najla Sedek Yahya	Discrete and continuous probability distribution
34.	Maha Salah El-Din Hamid		Najla Sedek Yahya	chi-square distribution
35.	Mohamed Faris - Khaled Walid		Najla Sedek Yahya	simple linear correlation coefficient
36.	Faisal Mohamed Youssef	Abdullah Adel Awad	Taghreed Hamdoun Shukr	Pressure in static fluids
37.	Ismail Abdel Baset Mahmoud	Laith Ibrahim Gerges	Taghreed Hamdoun Shukr	Initial functions in real and complex numbers
38.	Saja sobhi daham and	marwa lqman mohamed	Hanan salim Mohammed	Splitting the e_abacus diagram in the partition theory
39.	Rasul Muhammad Haseeb	Ahed Kamran Suleiman	Hamsa Dawood Saleem	Stability of solutions for dynamical systems
40.	Faris Ibrahim Ahmed	Mohamed Khaled Hussein	Hamsa Dawood Saleem	Linear integral equations
41.	Zlal Younis Hazem	Ghazwane Rashid Ezzal	Hamsa Dawood Saleem	Navier-Stokes equations and their applications
42.	Amna Hani Abboudi	Iqbal Riyad Mahdi	Iman Hashem najm	Ricarte differential equation
43.	Asmaa Khaled	Amana Mohammed	Iman Hashem Najm	Legendre's differential equation
44.	Salah El-Din Jamal Obaid	Baraa Ismail Saleh	Dr. Amal Jasim Mohammed	The importance of the integral functions
45.	Birth of Atta Allah Hassan		Dr. Amal Jasim Mohammed	Study different types of solutions to the KdV equation using Riccati's equation
46.	Lucie Ziad Nafeh		Dr. Amal Jasim Mohammed	Study of finding solutions to the heat equation with different boundary and initial conditions

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47.	Osama Abdul Algabbar Salh	Hamad Salh Aswad	Ahmed Hassein mohammad	Applications of Fractional Calculus Transforms for a New Subclass of Univalent Functions Using Hohlov Operator with Hadamard Product
48.	Karam Khalil Hassan	khitab Hasan Muhamad	Ahmed Hassein Mohammad	some applications geometric univalent function for heat equation
49.	Ekram Ahmed Ghanem		Dr. Luma Ahmed Khaleel	The Graph of Annihilating Ideal
50.	Fahd Mohammed Ali	Omar Ali Aran	Dr. Luma Ahmed Khaleel	The element ideal graph
51.	Mustafa Laith Shaker	Amana Ismat Ahmed	Shaymaa M. Younus	The effect of heat transfer on the magneto-aerodynamics of oscillating flow of a Jeffrey fluid with variable viscosity in a porous channel
52.	Hanin Mu'ayyad Younis		Shaymaa M. Younus	The Continuity Equation in Cartesian Coordinates
53.	Angham Nizar Abdel Rahman		Dr.Enas YonuisMstafa	Emotional management among mathematics students
54.	Tagred mahad fathe		Dr.Enas Yonuis Mostafa	Emotional management among mathematics students
55.	Jassim Mohammed Khalaf		Dr.Enas Yonuis Mostata	Second-grade middle school students' anxiety about the math test
56.	Ahmed Saleh Ahmed		Dr.Enas Yonuis Mostata	Second-grade middle school students' anxiety about the math test
57.	naseer.s.abdullah@uomosul.edu.iq		Dr. Naseer Sabah Abdullah	Applied concepts in Fluid Mechanics
58.	Abeer Nour El-Din Ibrahim	Zainab Khalil Mohammed	Dr. Naseer Sabah Abdullah	Applied concepts in Fluid Mechanics
59.	Taqi Ghanem Ahmed Khalil		Dr. Naseer Sabah Abdullah	Vorticity in Fluid Mechanics
60.	tabarik shaelan mahmuod		Zainab Abdulateef Rasheed	Using genetic algorithms in artificial intelligence to solve mathematical problems
61.	Rehab Raad Mohammed		Zainab Abdulateef Rasheed	Using genetic algorithms in artificial intelligence to solve mathematical problems
62.	Qutaiba Ahmed Jassim		Zainab Abdulateef Rasheed	Solve the 8puzzle problem using smart search algorithms. Compare between A,BFS ,DFS
63.	Awad Ibrahim Awad		Zainab Abdulateef Rasheed	Solve the 8puzzle problem using smart search algorithms. Compare between A,BFs,DFS

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64.	Aya Thaer Salih	Noorulhuda Maher Taha	Ali A. Alabdali	Lattices for the subgroups of the Symmetric group S3 and S4
65.	Saher Luqman Abdullah	Tabarak Hussain Mohyalddeen	Ali A. Alabdali	Lattices for the subgroups of the Symmetric group S5
66.	Toqa Maan Jalal	Elaf Ali Muslih	Abdulrazzaq T. Abed	Study of numerical solutions of differential equations using Tamimi-Ansari iterative method and comparing it with Picard iterative method
67.	Nawaf Fawzi Mowafaq	Yosif Moyasar Jaber	Abdulrazzaq T. Abed	Study of numerical solutions of differential equations using Banach contraction method and variable iteration method
68.	Saad Khudhr Mahmood		Abdulrazzaq T. Abed	Study of numerical solutions of differential equations using Banach contraction method and Picard iterative method
69.	Salwa mahmod Muhammad	abeer ahmed Muhammad	Aseel Muayad Qasim	Using conjugate gradient algorithm to find the line search step alfa
70.	Abdullah ibraheem ahmed		Aseel muayad qasim	Using conjugate gradient algorithm to solve the system of equations Ax=b
71.	Hasn abd ali	majed begho	Dr. Sulaiman Ahmed Younis	Cognitive integration among mathematics department students
72.	Huda Ibrahem	Hajer Mahmood	Dr. Sulaiman Ahmed Younis	Future perceptions of mathematics department students
73.	Daneal Mohamed	Ahmed Hasnn	Dr. Sulaiman Ahmed Younis	Personality traits of mathematics department students
74.	Azhar wadalah		Nadia Adnan Abdul razaq	Beta-Open Mapping
75.	Safa yasen		Nadia Adnan Abdul razaq	h-Open Mapping
76.	Alaa Ziad Ibrahim	Sara Ahmed Khazal	Junaid Idrees Mustafa	Modified Adomian method to solve integral equations
77.	Mayassa Khader Juma	Qasim Tahir Yassin	Noora Laith Housen	A study on the origin of integral equations
78.	Dunya Mu'ayyad Ahmed		Noora Laith Housen	Solving a boundary value problem using Green's function.

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79.	Zainab Salim Ahmed		Prof. Dr. Amir A. Mohammed	Ic-Open sets in three Dimentions Spaces
80.	Ahedd Mahmood Ali		Prof. Dr. Amir A. Mohammed	Connected and Disconnected ic-open sets in topological spaces
81.	Enas Younus Abd	Refaa Yassen Aswad	Prof. Dr. Alaa A. Hammodat	Fuzzy Group
82.	Shaema'a Amir Al-Rashedi		Prof. Dr. Alaa A. Hammodat	Heaviside's method for calculating the inverse Laplace
83.	Aisha Hussein Muhammad	Israa Salem Hassan	Prof. Dr. Alaa A. Hammodat	Solving Non-homogeneous Boundary Problems Using Eigenfunctions