



Graduation Projects for the Academic Year 2023–2024

No.	Instructor Name	Project Title	Student Name
1.	Prof. Dr. Raida Dawood Mahmood	Strongly Commuting Regular Ring	1. Bushra Dukheel 2. Nora Abdulrahman
2.	Prof. Dr. Ban Ahmed Hasan Mitras	Improved Of Bee Optimization Algorithm By Using Classical Optimization Algorithms	1. Astabraq Mohammed 2. Tamara Ammar
3.	Prof. Dr. Abdulghafoor Jasim Salim	Riemann -Stieltjes integral	1.Kawthar Thamer 2. Fatima Sami
4.	Prof. Dr. Basim Abbas Hassan	Using Golden Section For Solving Linear Fractional Programming Problems	1. Sabreen Hussein 2.Zeinab Abdul Jabbar
5.	Prof. Dr. Omar Saber Qasim	Comparison Between A Set Of Artificial Neural Network Classifiers For Identifying Patients With Hearing Loss	1.Zahraa Raad Idris 2.Zubaida Suhail Younis
6.	Prof. Dr.Ekhlass Saadallah Ahmed Al-Rawi	Newton Raphson Method With Homotopy Perturbation Technique To Find The Roots Of Nonlinear Equations	1. Abdul Rahman Thaer Waleed 2. Abdul Rahman Iyad Sadeeq
7.	Prof. Dr. Maisoon Mal Allah Aziz	Applications in differential equations for some natural phenomena	1. Hajar Rawdhan Hassan 2. Hisham Muhammad Ahmed
8.	Prof. Dr.Ghada Moayid Rasheed Al-Naemi	The Revised Simplex Method	1.Amer Karki 2.Aseel Muhammad Diaa
9.	Prof. Dr.Husam Qasem Mohammad	Idempotent Divisor Graph Of Commutative Rings	1. Othman Ayman 2. Abdul Aziz Safwan
10.	Prof. Dr.Hamsa Thrwat Saeed	Solve A Numerical Optimization Problem Using Intelligent Techniques	1. Safa Ziyad Tariq 2. Nadia Younis Tawfiq
11.	Prof. Dr.Saad Fawzi Jasim Al-Azzawi	jerk systems	Iman Fathi Mahmoud
12.	Assistant Prof Dr. Thair Younis Thanoon	Study In The Discrete Dynamical Systems	1. Marwa Salem Muhammad 2.Fatima Faraj Hussein
13.	Assistant Prof. Zubaida Mohammed Ibraheem	Weak Nil Clean Rings	Suha Ahmed Zahraa Muneer

14.	Assistant Prof. Khider Mohamed Salih Khider	Laplace Transforms And Some Of Their Applications	Rand Omar Younis Hajar Khidhr Ismail
15.	Assistant Prof. Dr. Saad Fawzi Jasim Al-Azzawi	Dissipative And Conservative Behaviors For Some Chaotic Systems	Mustafa Anwar Iman Zaidan
16.	Assistant Prof Dr. Waleed Mohammed Fathi Al-Hayani	The Aboodh Transform Method For Solving Volterra Integro-Differential Equations	Mustafa Anwar Iman Zaidan
17.	Assistant Prof Dr. Ahmed Farooq Qasim	Modified Taylor Method For Solving Ordinary Differential Equations	Abdul Hakeem Talal Zikar Ibrahim
18.	Assistant Prof Dr. Ahmed Entesar Ghitheeth	Solve Partial Differential Equations Using The ADM Method	Ghufran Ghalib Hussein Mayada Hussein Ajaj
19.	Assistant Prof Dr. Muna Mohsen Mohammed Ali	A Modified Conjugate Gradient Algorithms In Non-Linear Optimization	Duha Issam Mamoun Muhammad Abdul Ghani
20.	Assistant Prof Dr. Shaimaa Hatim Ahmed	Fields Theory	Aisha Talal Zuhal Saadi
21.	Lec.Dr.Rutaina Jassim Essa	Some Of Analytic Method To Solve Partial Differential Equation	Marwan Murad Kamal Qolo
22.	Lec.Dr.Salma Muslih Faris	Basic Systems And Concepts In The Dynamical Systems	Yousif Ahmed Mustafa Mashaan
23.	Lec.Dr.Shua'a M. Aziz	Comparing Programming Languages For Mathematics Graduates' Requirements	Rahma Omar Saab Fatima Iyad Saadoon
24.	Lec.Merna Adel Aziz Samarchi	Solving System Of Volterra Integro- Differential Equations Using Laplace- Carson Transform	Ayat Rafid Fares Rahma Saleh Mahmoud
25.	Lec.Hanadi Dawood Saleem	Polar Coordinates With Some Applications	Jihan Falah Akkab Raghad Fathi Saleh
26.	Lec.Enaam Ghanim Saeed	Data Hiding In Digital Image	Tara Omar Muhammad Inas Hussein Salem
27.	Lec.Farah Hazem Mohammed	Linear Transformations	Mustafa Iyad Khudhair Musaab Ahmed
28.	Lec.Zena Talal Yaseen Qaseem	Volterra Integral Equations	Abdullah Ali Zaher Nafea' Thaer
29.	Lec.Dr.Susan Hassan Mohammad	Rung-Kutta Method For Solving Problems Numerically	Noura Murad Bassem Khalaf
30.	Lec. Shahla Moayad Khalil	Weakly Regular Rings	Israa Yahya Hameed Tabarak Amer Hamood
31.	Lec.Dr.Talal Fadhil Hussein	Classification By Using The Nearest Neighbor Algorithm	Istabraq Ahmed Muhammad Banen Aqeel
32.	Lec.Dr.Barah Mahmood Sulaiman	Analysis Of L'Hôpital's Rule: Theory, Applications, And Variations	Nawras Izzuddin Hajar Emad Salem

33.	Lec.Dr.Maha Farman Khalaf	Von Neumann Regular Local Ring	Shatha Jassim Muhammad Rahma Mahmoud
34.	Lec.Dr.Fatima Mahmood Hasan	Sequence Alignment In Bioinformatics	Zahraa Ahmed Abdullah Saba Adi Salem
35.	Lec. Dr. Hisham Mohammed Khudhur	Numerical Study Of Some Descent Algorithms In Training Feed-Forward Artificial Neural Networks	Rahaf Saud Fatima Talal Saleh
36.	Lec.Dr.Ekram Abdulkader Saleh	Connected And Compounds In Topological Space	Abdul Razzaq Abbas
37.	Lec.Dr.Ahmed Amer Mohammedfawze	Second order differential equations with variable coefficients	Zahraa Ramzi Sayfullah Ziyad
38.	Lec.Dr.Mahasin Thabet Younis	Fuzzy Logic	Marwa Hazem Qasim Nabaa Amer Ahmed
39.	Lec.Almutasim Abdulmuhsin Hamed Albaker	Direct Methods For Solving Integral Equations -Friedholm Equations	Sayfullah Ziyad Marwa Hazem Qasim
40.	Lec.Dr.Raghad Abdulazeez Mustafa	Eulerian And Hamiltonian Graphs	Hajid Khalid Zubaida Muhammad Dahi
41.	Lec. Zinah Falih Salih	Study The Applications Of Some Mathematical Models	Abdullah Thamer
42.	Lec.Dr.Elaf Sulaiman Khaleel	Using The Gray Wolf Algorithm To Find The Optimal Solution	Sara Rayan Sara Emad
43.	Lec.Dr.Mohammed Sabah Mahmoud	Solve Mathematical Equations By Using Fuzzy Mathematics	Maryam Kadhim Yasmin Ammar
44.	Assist.Lec.Asmaa Salah Aziz Ali	Domination number in graph theory	Ali Majid Ali Asghar
45.	Assist.Lec. Rasha Salla Hasan Abdullah	The Basis Number Of Mycielski's Graph Of Cycle Graph And Theta Graph	Walaa Talib
46.	Assistant Lecturer Rajaa Younis Mhoo	Real-Life Applications Using Laplace Transform	Fahd Hithal Muhammad Ali Ahmed Abdullah
47.	Assistant Lecturer Ranen Mate Sulaiman	A Study On Self-Measurement For Quasi-Newton Methods To Find The Minimum Value For Unconstrained Optimization Problems	Rana Sahmi Hala Fadhil
48.	Assistant Lecturer Nasmah Jameel Hameed	Proposing A New Parameter For Three-Terms Conjugate Gradient Method	Hussein Shaker Muhammad Samer Ahmed Hussein
49.	Assistant Lecturer Areen Abdullah Salih	Soft Set Theory	Jamal Jardo Wadha Abdullah

Prof. Dr. Abdulghafoor Jasim Salim
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