

## Graduation Research Titles For the academic year 2024-2025

Name of Supervisor:	Project Name	Student Name	No
Lect.Dr.Sarmad Abdul Khaleq Salih Assist.Lect. Zahra Abdul Karim Idris	The Impact of outlier values on the analysis of linear regression models	Ban Sabri Abdul Ahad Yalda	1
Lect.Dr. Sarah Ghanim Mahmood	Using the Sequence Method to Solve Integral Equations	Ali Taha Ahmed Khader	2
Lect..Dr. Hekmat Shareef Mustafa	Influencer(Del) and its use in directional derivatives	Maryam Yassin Saleh Akhdeer	3
Lect..Dr. Hekmat Shareef Mustafa	Abnormal Points and Sediment	Bahnam Saeed Yousef Bahnam	4
Lect.Dr. Wafa Younus Yahya	Introduction to Libyan Integration	Mutasim Abdulrahman Jameel Marei	5
Lect. Hadil Hazim Sami	Reordering rows in an E-type diagram	Alaa Najeeb Ahmed Sheet	6
Lect.Dr. Sahbaa Abd alstar Younus	Constructing arches in the projective plane	Andy Elias Ibrahim Matti	7
Lect.Dr. Sahbaa Abd alstar Younus	Regularly Connected Rings	Nujeen Osama Salem Elias	8
Lect.Dr. Sahbaa Abd alstar Younus	Patterns From rare PS Rings	Aya Waad Mohammed Fathi	9
Lect.Raed Sabeeh Karyakos	method of successive approximations to solve the Fredholm and Volterra integral equations of the second type	Mayar Jaber Idris Mohamed	10
Lect.Ilham Matta Yacoob	Diagonals of symmetric matrices (symmetric)	Halima Mohsen Darwish Shihab Murad Hajji	11
Lect.Ilham Matta Yacoob	Fundamentals of the binary Surface Code $D_n$	Saif Omar Fakhruddin Mohammed Ali	12
Assist.Lect.Zahra Abdul Karim	Multiple integrations and their applications in physics	Mahmoud Mohammed Abdullah Samour	13
Assist.Lect. Zahra Abdul Karim	Modeling the spread of diseases using Differential Equations	Mohammed Jamil Taqi Khader	14
Assist.Lect.Shahab Ahmed Hassan	Studying the Existence and uniqueness of Solutions for non linear Ordinary differential equations	Abdullah Fathi Khudair Hussein	15

Assist.Lect.Shahab Ahmed Hassan	Using the Laplace Method to Solve System of Volterra integral equations	Fathi Younis Fathi Mohamed Mounir Abbas Fadel Younis	16
Assist.Lect.Shahab Ahmed Hassan	Using (Picard – transform) method to solve nonlinear Fredholm integral equations	Zainab Abbas Rajab Khattab	17
Assist.Lect.Hajar Haider Abdullah	Coding on Types of Idealism	Ahmed Rajab Mohammed Fathi	18
Assist.Lect.Hajir Hayder Abdullah	The projective plane of the third degree	Omar Abdullah Mohammed Suleiman	19
Assist.Lect.Hajir Hayder Abdullah	Finding Points Using Base and Dimension in vector space	Younis Abbas Hussein Abdul Jabbar	20

Assist.Lect.Noor Hussein Abdullah	Comparison of Euler's and Tayler's methods of solving ordinary differential equations Using MATLAB	Rahiq Abdullah Qasim Yahya	21
Assist.Lect.Noor Hussein Abdullah	Applying Gauss Elimination Method to solve systems of linear equations using the MATLAB	Israa Abdullah Hameed Taleb	22
Assist.Lect.Noor Hussein Abdullah	First-order differential equations and its applications in physics and electrical engineering	Ghufran Mohammed Saleh Youssef	23
Assist.Lect.Wafaa Salih Ramadan	Solving Fredholm Integral Equation Using The Direct Computation method	Hanan Marwan Qasim Rasho	24
Assist.Lect.Wafaa Salih Ramadan	Solving Volterra and Fredholm Integral Equations by the Series Method	Younis Haji Yousef Ismail	25
Assist.Lect.Thakreen Faisal Sultan	The Kalwa field is in the projective plane	Zuzan Askar Yezidin Dugu	26
Assist.Lect.Thakreen Faisal Sultan	Linear transformations in R	Zainab Hamid Maha Karmoush	27
Assist.Lect.Thakreen Faisal Sultan	Finding the Eigenvalues of Matrices Using Powers Method	Doaa Laith Sakin Jassim	28
Assist.Lect.Waleed Abd AL Majed Saeed	Comparison of Euler-Maruyama and Milstein methods for solving Linear stochasticity differential equations	Saba Thamer Younis Taha	29

Assist.Lect.Waleed Abd AL Majed Saeed	Comparative Study of the II, III and Fifth order Range-Kutta Methods for Solving Ordinary Differential Equations	Sandra Nashwan Hazem Jaji	30
Assist.Lect.Waleed Abd AL Majed Saeed	Stability of stochastic differential equations Using the Lyapunov function	Abdullah Ammar Hassan Ali	31
Assist Lect.Duha Amer Jalil	Solving Fractional Differential Equations Using Laplace Transform	Mustafa Daoud Salem Mohammed Saeed	32
Assist Lect. Duha Amer Jalil	integration using the Romberg (Rectangle methods )	Marwa Azhar Abdeljabbar Mahmoud	33
Assist Lect. Duha Amer Jalil	Adomian's differentiation method for solving Ordinary Differential equations	Riham Hazem Saleh Ahmed	34
Assist Lect. Sabaa Abduljabar Mohammed	Basic Concepts and Systems in Dynamical Systems	Mohammed Tawfiq Rashid Hussein Hamoudi Kotan Juma Suleiman	35
Assist Lect. Mohammed Ameen Oqba Mohammed	Bayesian Estimation of Stress Strength Reliability For the Inverse Exponential Rayleigh Distribution	Mazar Murad Fendi Seaman Ather Majestic Hussein Jeju	36