Department of Mathematics and Computer Applications

Fourth Year Students' Projects 2021-2022

No.	Supervisor	Project Title	Students' Names
1	Dr. hassan Jiad	Category of ring theory	Ibrahim Ahmed
2	Iman Abdulwahab	Conformal mapping and its application	Ahmed Husham
3	Dr.Ahmed Ayyob	Numerical Method with Adaptive Step Size for Solving Ordinary Differential Equations	Ayat Haider
4	Raneen Zaid	Solving Problems in Linear Algebra by Using Maple	Aya Kadhim
5	Dr. Ali Hassan	Solving Some Differential Equations Numerically	Manhal Hussain
6	Dr. Ibtisam Kamil	Control Systems Design in State Space	Khidher Yass
7	Dr.Ahmed Ayyob	Numerical solution of integral equations	Khattab Amir
8	Dr. Osama Hameed	An approximate method based Laplace decamposion for solving non-linear system of Differential Equations	Khaldoon Fadhel
9	Dr. Omar Ismael	Boundary Element Method for Solving Laplace Equation	Raghad Ammar
10	Saad Mohsin	Identification critical paths on network project	Zummorud Hisham
11	Dr. Ahlam Jameel	Numerical Solutions of some Eigenvalue Problems	Zainalaabideen Saad
12	Dr. Fatima Sahib	Extended Balanced truncation for linear systems	Zainab Ali
13	Raneen Zaid	Solving Problems in Ordinary Differential Equations by Using Maple	Saja Nasser
14	Dr. Manaf Adnan	Mathematical modeling of citric acid cycle (krebs' cycle)	Aisha Adel
15	Dr. Osama Hameed	Legendre-Adomain-Homotopy Analysis Method for Solving Multi-term non-linear Differential Equations	Abdullah Salem
16	Dr. Amina Rasim	Some Properties of Normal Operators on Hilbert Spaces	Ali Hussain
17	Dr. Fatima Sahib	Control for LPV/LFT systems	Ali Adnan
18	Haneen Abdulkareem	Chebysheve wavelets method for solving differential equations	Alia'a Fadhel
19	Dr. Ahlam Jameel	On the Solution of some Non-Local Problems	Ammar Miseer
20	Dr. Ali Abdulsahib	on supra topological spaces	Fatimah Hussain
21	Dr. Salam Adel	Implementation of power series method to solve ordinary differential equations	Mustafa Mahmood
22	Dr. Ali Hassan	On studying Some Numerical Methods for Solving Differential Equation	Mina Jamal
23	Dr. Ibtisam Kamil	Control Systems Analysis in State Space	Nibras Abdullah
24	Saad Mohsin	Application of integer programming in project investment	Noor Shaker