College of Education for Pure Science - Department of Mathematics

Undergraduate Projects 2020-2021

No.	Project Title	Supervisor	First Student	Second Student	Third Student
1	Young diagram inversion	Prof. Ammar Seddiq Mahmood	Najwa Mohamed Nour	Esraa Hashem Mohammed	Hadeel Hazem Fathi
2	Catalan Numbers	Prof. Ammar Seddiq Mahmood	Laila Ahmed Abdullah	Fatima Ibrahim Elias	Ahmed yaushur Mahmoud
3	Rotational movements on the e-abacus diagram	Prof. Ammar Seddiq Mahmood	Hanadi Bassam Hani	Fatima Yasser Abdel Hassan	Maryam Hazem Lazem
4	Difficulties in learning statistics for students of non-specialized departments in the College of Education for Human Sciences	Prof. Inas Yonues Al Azwo	Ahmed Yassin	Rayan Mohammed	Taha Ahmed Ismail
5	The level of estimation of the educational values of mathematics among students of the Department of Mathematics in the College of Education for Pure Sciences	Prof. Inas younues Al Prof Azwo	Ahmed khamis Ahmed	Mohammed Ahmad Abd Alkadr	Baraa Flah Abdullha
6	Applications of Algebraic Geometry In Coding Theory	Prof. Nada Yassen Kasm Yahya	Abdullah Zuhair Ismail	Omar faisal Abdullah	Sarah Abdel Karim Ahmed
7	Applications of Algebraic Geometry In Cryptographic	Prof. Nada Yassen Kasm Yahya	Abdullah Sami Ahmed	Safa Muhammad Ibrahim	Sondos Youssef Fathi

8	On the subspace in projective space PG (3,11)	Prof. Nada Yassen Kasm Yahya	Alaa Ghanem Khalil	Ziyad Tariq Hussain	Shahad Huthaefa Abdul Hameed
9	On the projective space over galois field gf (13)	Prof .Nada Yassen Kasm Yahya	Ammar Hamza Hammoud Al-Sael	Zainab Thaer Taha Al Shukrji	Saja Nizar Ghanem Al Shukrji
10	Nilradical and Jacobson radical	Prof. Amir Abdulillah Mohammed	Hassan Suleiman Ali	Daoud Salem Khudair	Ehsan Ahmed Hassan
11	Continuity	Prof. Amir Abdulillah Mohammed	Ahmed Imran Ayoub	Ehsan Ahmed Abd	Rajaa Ali Idris
12	Ic_continuity	Prof. Amir Abdulillah Mohammed	Rahma Salem Abbas	Abeer Omar Ali	Zeina Mahmoud
13	The level of numerical sense of second grade students is average	Hussein Obaid Dahawi	Dawood Muhammad Ali	Bassem Mohamed Jarmal	Ahmed Abdul-Jabbar Omar
14	Mathematical prowess among fourth-grade science students	Hussein Obaid Dahawi	SaudFayyad is uploaded	Saja Mowafak Khalaf	Ibtisam Juma Ayoub
15	Mathematical communication for fifth grade students	Hussein Obaid Dahawi	Hatem Daham Zeid	Saud Taha Hussein	Batoul Ali Fathi
16	Weddle Method	Maha Salah Younis	Hussein Muthana mohammed	Alaa Mohammed Taher	Awab Abd alwaheed Mohammed
17	Golden Section Method	Maha Salah Younis	Afrah Hassan Abass	Ruqeaa Jassim Mohammad	Rahma Thamer Mohammad
18	Range - Kutta method to solve Ordinary Differential Equations	Maha Salah Younis	Safa Nateq Hassan	Hasseena Mahmmod Athmman	Bahar Ali Younis
19	Newton Raphson Method	Maha Salah Younis	Akram Ibrahem Latef	Khalida Mohammed Ali Abd alrahmman	Abd almageed Ahmmad Mahmmod

20	Fibonacci Method	Maha Salah Younis	Asala Wasef Abd alKaliq	Eman Salem Abd Hussein	Ahmmed Mahmmod Hussein
21	Finding the equation of the trend line	Nadwa Salem Younes	Ibrahim Rafe Mahmoud Abdul Razzaq	Karam Mohamed Mahmoud Hassan	Lara Jassim Mohammed Owaid
22	Order Statistics	Ghanim Mahmood Dhaher	Ula Ahmed Saady	Zeina Asaad Younis	Sara Ali Mahmood
23	Kamal transformation to solve the ordinary differential equation and comper it wiht Laplace transformation	Dr Amal Jasim Mohammed	Reem Nakhtal Fadel	Amina Rasul Abdul Jabbar	Amera Anwar gharbi
24	Using mean value theorem to find the solution of integral equations of the second kind	Dr Amal Jasim Mohammed	Shahad Dhafer Rifai	Ikhlas Mahmoud Mohamed	Russell Abdul Basit Idris
25	Simpson method to solve the integral equations	Dr Amal Jasim Mohammed	Muzahim Saleh	Mohammed Saleh	Sadiq Khalil
26	Study laplace transformation to solve ordinary differential equations	Dr Junaid Idrees Mustafa	Ahmed Shaker Mojbel	Hamoudi Ahmed Khalaf	Ziauddin Hussein Ali
27	Using Sumudu transformation to solve ordinary differential equations	Dr Junaid Idrees Mustafa	Adham Hadi Fayyad	Saif Muhannad Qassem	Aisha Mohsen Hassan
28	Fluid Mechanics: Flow Types	Dr. Naseer Sabah Abdullah	Malak Reda Hadi	Fatima Ali Younes	Maryam Khaled Ahmed
29	The study of pressure in static fluids	Dr. Naseer Sabah Abdullah	Nazdar Ghazi Khader	Muhammed Hussain Muhammed Yunis	Hala Mahmoud Thanoun
30	Using the Poisson regression model in the health aspect	Dr. Younus Hazim Ismael Al-Taweel	Saja Talal Yahya	Khalis Shehab Ahmed	Farah Naseer Yassin
31	Statistical analysis using SPSS program	Dr. Younus Hazim Ismael Al-Taweel	Hadeel Khaled Asaad	Qais Abdul Ghani Abdullah	Heba Mohammad Younus

32	Probability Distributions	Dr. Younus Hazim Ismael Al-Taweel	Munir Hamed Fadel	Kawthar Raad Saleh	Fatiha Khosrow Ismail
33	Correlation	Dr. Younus Hazim Ismael Al-Taweel	Mona Musharraf Ismail	Fatima Saleh Mohammed	Momena Abdul Salam Muhammad
34	B_open sets	Baedaa suhall abdoallah	Hadeal subhee	Wgdan salah	Maream fathea
35	Int_open sets	Baedaa suhall abdo allah	Aber thaer	Rahema asea	Saga rageb
36	H_open sets	Baedaa suhall abdoallah	Mahmwed gemah mahmwed	Maher abed mhamed	Maher ahmed amer
37	Penta Continuity in Penta Topological Spaces	Sabih Wadie Askandar	Sadil Aziz Hamdoun	Yusra Abdulrahman Aunuddin	Maryam Osama Hashem
38	Fundamentals of Soft Topological Spaces	Sabih Wadie Askandar	Mohammad Mahmoud Mohammad	Abdullah Mohammad Sultan	Mustafa Abdulmutallib Bilal
39	Semi-Totally Continuous Functions in Topological Spaces	Sabih Wadie Askandar	Omar Ahmad Abbas	Imad Salem Mohammad	Talal Abdullah Hussein
40	Analytical Solution for Systems of Linear Differential Equations of the First Order with Constant Coefficients and Compared to Numerical Methods Using (MATLAB)	Dr.Azzam. S.Y.Aladool	Amir Adel Ismaeel	Ibrahim Ahmed Abdelulwahab	Amina Isam Ahmed
41	Solving Differential Equations Using Substitution Method	Dr.Azzam. S.Y.Aladool	Asan Sameer Yaseen	Israa Adel Mohammed	Harbia Kamel Mohammed
42	Solving the Volterra Integral-Differential Equation Using Series	Dr.Azzam. S.Y.Aladool	Zulal Danon Younus	Zainab Waad Fathi	Huzan Masuood Korsheed
43	Solve BVPs using Maple.	Dr.Azzam. S.Y.Aladool	Zubaida Nazar Abdulkareem	Zina Maher Younus	Sahar Mohammed Mahmood
45	Encoding using vectors that generates triangular matrices of a special nature	Ali A. Alabdali	Rahma Ahmed Mohammed	Duaa Ahmed Mohammed	Iman Ahmed Shuker

46	Encoding using single size matrices NxN where N>=7	Ali A. Alabdali	Ghaiath Nafaa Hasan	Hanen Nooraldeen Yahya	Ruba Abdulhaq Ahmed
47	Encoding using finite submatrices	Ali A. Alabdali	Saher Ahmed Mohammed	Shereen Raad Saleh	Duha Abed Ali
48	Some methods in Classical Cipher	Ali A. Alabdali	Noor Luay Qahtan	Mirna Amer Gorgees	Mareb Haussain Mohammed
49	Solving the initial value problems using the Runge-Kutta methods and comparing the results with Euler's method	Ghanim Mohammed Salih Abdullah	Salih wakaah Salih	hamed Khalil Ahmad	Faris Musa
50	Solving the initial value problems using the Adam-Bashforth methods and comparing the results with Euler's method	Ghanim Mohammed Salih Abdullah	Mohammed abdullah	Mazin basel	Huda jamal
51	Properties of best Estimation	Ghanim Mahmood Dhaher	Nura lyth Yaseen	Zaynab Ahmed ameen	Shahad Shamel Ali
52	Methods of Estimation	Ghanim Mahmood Dhaher	Muhammad Yasir Hazem	Yaseen safwan Fathy	Muhammad abd al Haq
53	Transformations of random variables	Ghanim Mahmood Dhaher	Suha Salem Ahmed	Alyaa Anwer Arafat	Sundis Jamal Edrees
54	Hamilton's and Euler's graph	Dr.Luma Ahmed Khaleel	Tabarek Mohammed Jassim	Roqaia Ibrahim Khader	Rahma Mohammed Deayaa
55	Prime Graph of The Ring	Dr.Luma Ahmed Khaleel	Zubaida Rostom Nayef	Ghofran Salah al-Din Abbas	Noor Ali Mohammed
56	On Weakly Clean Rings	Dr.Luma Ahmed Khaleel	Sarah Kutayba Akram	Shahad Riyad Jabr	Shaima Khamis Mahmoud
57	Hoffmann Tree	Dr.Luma Ahmed Khaleel	Maha Muzaffar Abdulkarim	Mayada Khazal Elias	Marwa Muthana Muhammad

58	The solution of integral equations by using the Successive approximation method	Dr.Lamiaa Hazim Saadoon Al-Taee	Muhammad Salim Thanon	Muhammad Abd-Aleem Aziz	
59	Using the noise terms method to solve the integral equations l	Dr.Lamiaa Hazim Saadoon Al-Taee	Tahane Waleed	Aseel Hasan	Marwa Jamal
60	The origin of the integral equations	Dr.Lamiaa Hazim Saadoon Al-Taee	Rasha Maysir Mahmoud	Rahma Khaled Naim	Ahmed Abdel Qader Shaker
61	Multiple linear Regrression	Azhar abdulrazzaq saeed alhasoo	Ahmed Ali Khader	Saad Mohammed Ahmed	Hussien Mohammad Marei
62	Multicollnearity and its impact on prediction	Azhar abdulrazzaq saeed alhasoo	Jassim Khudair Abed Nafar	Zakaria Ghanem Rashid	Abdul-Hakim Abdul-Hamid Ibrahim
63	Splitting e_Abacus diagram in the Partition theory	Hanan salim mohammed	Mohammed ali kalf	Moath saead monsor	Mohammed sleaman Dawood
64	Genetics in linear algebra	Hanan salim mohammed	Eman abd alsatar hasan	Eklas sleman malalh	Esra hamed ali
65	Som applications of linear algebra	Hanan salim mohammed	Mstfa rafeq ibrahim	Ghazwan nather hamza	Mohammed sadallh sadeq
66	iD-type separation axioms	Ruqayah nafea balo	Rahma Adnan Ghadeer	Raghad Louay Younes	Safa Haitham Taha
67	iα-open mapping	Ruqayah nafea balo	muyasir Hussein Youssef	Jamal Ragheb Abdullah	Faisal Ghazi Hussein
68	iα-continuous mapping	Ruqayah nafea balo	Waseem Khalaf Abdullah	Abbas Adnan Shehab	Muhannad Hassan Ali
69	fuzzy sets theory	tariq hamad abdullah	Othman wad Farhan	Omar Mohammed Mahmood	Ziad Thamir Fadel
70	matrixes and there applications	tariq hamad abdullah	Abdelrahman fairs	alaa Hazem Mohammed	Abdullah Khalaf fathee

71	solving of Boolean equations	tariq hamad abdullah	ahmad Kahlil Mohammed	Hasan said kidder	Khaled sheko hessian
72	About the wave equation	Iman Hashim Najm	Mohammed Amer Rashid	Ahmed Maysir Khalil	Mohamed Bassam Ahmed
73	Using Laplace Transforms to Solve Ordinary Differential Equations	Iman Hashim Najm	Ali Mutlaq Khalaf	Alaa Khalaf Abdullah	Abdulaziz Elias Jassim
74	Using conjugate gradient algorithms to solve unconstrained optimization problems	Aseel muayad qasim	Abdalrahman safaa aldeen thanoon	Haneen abdalstar fathee	Sara basman saeed
75	Derivation and solution of the Trapezoid and Simpson method using Microsoft Excel	Aseel muayad qasim	Amal ismaeel owaeed	Duaa mohammed Ahmed	Enas Ahmed taher
76	Using the basics of MATLAB in solving differential equations and drawing in two dimensions	Aseel muayad qasim	Saef waleed tareq	Salah mahdee ahmed	لا يوجد
77	Adomain decomposition method for solving ordinary differential equations	Abdulrazzaq Talal Abed	Rayhanah Ahmad Hamaid	Rahaf Waad Mahmood	Sundus Suhaib Abdulrahman
78	The varational iteration method for solving ordinary differential equations	Abdulrazzaq Talal Abed Ibrahim	Sundus suhaib Abdulrahman	Aaiesha Hussain Ali	Zahraa Qasim Mahmood
79	Adomian decomposition method for solving ordinary differential equations	Abdulrazzaq Talal Abed Ibrahim	Rayhanah Ahmad Hameed	Rahaf Waad Mohamood	Russul Ammar Salim
80	Solving Ordinary Differential Equations Using the Adomian Iterative Method	hiba shkuer mahmood	Alaa Saddam Attieh	Amna Hussein Saleh	Bushra Ali Muhammad
81	Solving differential equations of the first order by the method of recursive covariance	hiba shkuer mahmood	Muhammad Faris Abdul Ilah	Muhammad Adnan Khalaf	Marwa Muzaffar Luqman
82	Solve partial differential equations using the homotopy method	hiba shkuer mahmood	Ibrahim Juma Mustafa	Najwa Gomaa Mustafa	Ghufran Shehab Ahmed
83	ii-Open Sets in Triple Topological Spaces	Marwan Azeez Jardo	Mohamed Fawzy Abdel Karim	Maryam Muhammad Abdullah	Zeina Shamil Tariq

84	The relationship between metric space and topological space	Nadia adnan abdulrazaq	Istbrq nabeel	Mohammed fars	Omar Abdallah
85	Reasons and importance of using the exponential and logarithmic function	Nadia adnan abdulrazaq	Mohammed Attia	Mohammed Attia	Ahmed Saadoun
86	Topologically extended topological space	Nadia adnan abdulrazaq	manan zakwan	Saef safa	لايوجد
87	Estmiation of multiple linear regression parameters with application	Nibal sabah abd alrhman	aya adel mahmood	amina abd allah jasim	enas saleh mahmood
88	Estimation of multiple linear regression parameters with application	Nibal Sabah Abd Alrhman	Aya adel mahmood	amina abdulla jasim	Enas saleh mahmood
89	Regression	najla sedek yahya	Sadiq Khalaf	Nouri Daoud	Mejoul Shaher
90	Markov chains	najla sedek yahya	Mohammed Meshaal	Mohammed Zidan	Najla Fathy
91	Sampling Theory	najla sedek yahya	Mohammed Ghazi	Abdul hamid	Mustafa zia
92	Solve a boundary value problem using the crane function	Noora Laith Housen	Reem Enad Abdul Aziz	Khaled Khamis Hammadi	Enas Ahmed Amin
93	System of linear differential equations	Noora Laith Housen	Faris Habis Lieuays	Nuri Waad Thamer	Zina Saud Abdul Ghani
94	Derive the Volterra and Fredholm integral equation	Noora Laith Housen	Ahmed Abdel salam Yassin	Sarah Mehyar Ghanem	Shaima Ali Zambour
95	Methods for solving integral equations	Hamsa Dawood Saleem	Mohammed Hussain Hamad Hussain	Karam Basim Majeed	Wissam Abdulghafor Abbas
96	Motion equations and applications	Hamsa Dawood Saleem	Tabark Mohammed Younis	Baraa Essam Shuker	Akram Ghazwan Thamer