



College of Education for Pure Science - Department of Mathematics
Undergraduate Projects 2020-2021

No.	Project Title	Supervisor	First Student	Second Student	Third Student
1	Points and lines and plans in 3-dimensional projective space PG (3,2)	Dr .Nada Yassen Kasm Yahya	Shahd Firas Nafeh Ahmed	Mays Ismail Younis Muhammad	Moamen Raad Mahmoud Jassim
2	Some Results in 3-dimensional projective space over Galois Field GF(4)	Dr .Nada Yassen Kasm Yahya	Tariq Muhammad Shwish Khamis	Youssef Chahouz Juma Ayoub	Ahmed Khalil Ibrahim Hassi
3	Studding in 3-dimensional of projective space PG(3,5)	Dr .Nada Yassen Kasm Yahya	Rahma Mahmoud Khudair Ibrahim	Farah Abdel Basset Younis Hussein	Hadeel Mohamed Youssef Mohamed
4	Numerical Integration Simpson's Rule	Dr. Maha Salah Younis	Aya Raad Mohammed	Amina Ammar Qahtan	Amina Faris Ghatheeth
5	Trapezoid Rule in Numerical Integration use Matlab and Math Solver Programs	Dr. Maha Salah Younis	Sbaa Raeed Ghannim	Amina Abd almonem Younis	Ansaam Abd alanne Sultan

6	Euler and Taylor series methods	Dr. Maha Salah Younis	Muna Yaseen Abbas	Basima Bashar Taha	Layla Natheer Abdalah
7	Time Series	Nadwa Salem Younes	Emad Abdel Qader Hamed	Osman Ragheb Jameel	Anmar Fawaz Aziz
8	ON 3-dimensional projective space $PG(3,3)$	Dr .Nada Yassen Kasm Yahya	Maha Nizar Aziz Abdullah	Rahma Amer Adel Qassem	Nour Muhannad Mahmoud Hamad
9	Studying integral equations and their solutions	Dr Amal Jasim Mohammed	Falah Hassan Ahmed	Suleiman Saud Suleiman	Zaker Mahmood Latas
10	Finding the numerical solution for linear and nonlinear Fredholm and Volterra integral equations	Dr Amal Jasim Mohammed	Sarah Abdul Salam Mohamed	Qamar Bashar Abdel -Ghani	Hadeel Adeeb Muhammad
11	Estimation Theory	Dr. Ghanim Mahmood Dhaher	Ahmed Nafaa Hamdon	Ramy abd alkareem	Sayf Qyes Muhammad
12	Study the numerical methods to solve system of ordinary equations	Dr Junaid Idrees Mustafa	Hossam Raad Khazal Yahya	Ahmed Yassin Mohamed	Abdullah Abed Awad Saleh
13	Study the numerical methods to solve system of linear equations	Dr Junaid Idrees Mudtafa	Obeida Dnoon Younes	Laith Bashir Mohammed Sheet	Mohamed Shaker Mahmoud Zaher
14	A General study in fluid Mechanics	Dr. Naseer Sabah Abdullah	Omar Abdullah Hussein	Muhammed Bashar Ahmed	Youssef Muhammed Ayas
15	Static fluids and their relation to pressure	Dr. Naseer	Othman	Younis Adnan	Maan Yahya

	distribution	Sabah Abdullah	Abdul Karim Muhammed	Khalil	Qassim
16	Multiple linear regression and methods for choosing the best regression equation	Dr. Younus Hazim Ismael Al-Taweel	Ashwaq Abdul Qadir	Enas Nouri Allawi	Amna Khaled Elias
17	Study on design of experiments and analysis of variance	Dr. Younus Hazim Ismael Al-Taweel	Aya Ramadan Abdullah	Shaddan Khalil Douri	Shahd Khalil Douri
18	Estimation Theory	Dr. Younus Hazim Ismael Al-Taweel	Haneen Ahmed Younus	Dalal Khaled Khalil	Sarah Dia Najm
19	l_i open sets	Dr. Baedaa suhall abduallah	Ahsan marai hacan	Cadown hany	Mhamed athman
20	l alva open sets	Dr. Baedaa suhall abdoallah	Ahmad amar	Achraf zhear	Waad mahmwed
21	i -Generalized Homeomorphisms and Generalized i -Homeomorphisms in Topological Spaces.	Sabih Wadie Askandar	Asil Tariq Mahmoud	Hossein Ali Osama	Qabs Mahmoud Ali
22	Solving BVPs by shooting Method	Dr.Azzam. S.Y.Aladool	Israa Nazar Abdul Qder	Zainab Mohammed Abdulla	Farah Moeaser Jasem
23	Solving BVPs using Maple	Dr.Azzam. S.Y.Aladool	Alla Ibrahim Ismaeel	Aya Nooh Mohammed	Zahraa Kamal Qasim
24	Solving BVPs using Matlab	Dr.Azzam. S.Y.Aladool	Alaa Ibrahim Ismaeel	Aya Nooh Mohammed	Zainab Osama Wajeh
25	Solving IVPs using Mable	Dr.Azzam. S.Y.Aladool	Shahad Muayad Elyas	Sara Adnan Safer Ali	Zahraa Kamal Qsim

26	Solving Ordinary differential equation using Fourier series	Dr.Azzam. S.Y.Aladool	Naila Sami Mohammed	Zahraa Mohamed Salih	Alaa Husamuddin Hazim
27	Prime Group	Dr. Ali A. Alabdali	Alaa Falah Shabeb	Bashaer Faez Halosh	Nabaa Haussain Ahmed
28	Hill Cipher	Dr. Ali A. Alabdali	Amel Yaseen Abbas	Abeer Faleh Ali	Madina Salman Mustafa
29	Chinese Remainder Theorem	Dr. Ali A. Alabdali	Roah Basheer Ali	Iman Tawfeeq Ways	Jawaher Alyas Aed
30	Encoding using linear transformations of individual magic matrices	Dr. Ali A. Alabdali	Saja Ausama Yahya	Naba Nabeel Ahmed	Narjes Khalil Hamad
31	Study of the Newtonian spreading liquid domes on the horizontal surfaces	Dr. Ghanim Mohammed Salih Abdullah	Nadia Bashir	Jenan Hashem	Dalal Sliman
32	The stability of explicit methods for solving ordinary differential equations	Dr. Ghanim Mohammed Salih Abdullah	Batool Sliman	Ali Jmal	Reham Aysa
33	Numerical solutions to Adam's explicit methods and stability region	Dr. Ghanim Mohammed Salih Abdullah	Rakan Salih	Yaseen Aisaldeen	Hassan Tawfeeq
34	Multivariate Variance analysis with application	Dr. Ghanim Mahmood Dhafer	Zaynab Nazar Azez	Karam Bashar Ghanim	Hajer Adnan Daood
35	Introduction of Hypothesis test	Dr. Ghanim Mahmood Dhafer	Asmma Hmood Helal	Marwa Alaa aldeen	Huda Ghazy Abas

36	Conclusions of Discrete and Continuous Distribution by Transformation	Dr. Ghanim Mahmood Dhaer	Dyana Ali husian	Sura Ali Majeed	Maryam Muthana Muhammad
37	On clean ring	Dr.Luma Ahmed Khaleel	Anmar Diab Khalaf	Diaa Atallah Fathi	Bassem Hammadi Ahmed
38	Some properties of zero divisor graph of the commutative ring	Dr.Luma Ahmed Khaleel	Amir Emad Abd Allah	Mohamed Ibrahim Mahmoud	Imran Mazen
39	Binary graph trees	Dr. Dr.Luma Ahmed Khaleel	Hamza Amir Hamed	Emad Ayoub	Yasser Abdel Moneim Nouri
40	The solution of Volterra equations by using Laplace transform	Dr.Lamiaa Hazim Saadoon Al-Tae	Amir Guad Kaghm	Suad Saadalla Abd	Muhammad Ahmad Khether
41	The solution of Fredholm linear Integral equations by using the Adomian decomposition method	Dr.Lamiaa Hazim Saadoon Al-Tae	Mustafa Akram Hassan	Rusal salah	Abear Thafer
42	linear space	Nadia adnan abdulrazaq	Khaled mahmoud	Mahmood Kuhudur	Mustafa Negm
43	Types of correlation coefficient	Azhar abdulrazaq saeed alhasoo	Anfal Hussein Ali	Sahar Walid Ibrahim	Duha Walid Hamid
44	Comparison between simple random sampling and stratified sampling	Azhar abdulrazaq saeed alhasoo	Osama Mustafa Suleiman	Zaid Ghayib Qasim	Mustafa Nuri Youssef
45	Boolean algebra	Hanan salim mohammed	Sara sherzad sdeeq	Saba khaled hade	Noor daod salim
46	Laplace method for finding determinants	Hanan salim	Abdallha	Haetham ahmad	Wrqaa abass

		mohammed	shahab ahmad	rathy	yosf
47	The relationship between open sets of type -ia and other types of open sets other	Ruqayah nafea balo	Ahmed Othman Abdel Mawgoed	Sabreen Sarhan Saber	Qasim Ismail Muhammad
48	Improper Integral	tariq hamad abdullah	Younis Hazem Taki	Yusef Mahmood jadoo	Abd al Azeez deab rabe
49	group and the operation system	tariq hamad abdullah	rana Ibrahim kidder	rand Ghanim Hameed	Renda salah Ahmad
50	Solving Homogeneous and Inhomogeneous Differential Equations With Constant Coefficients	Ahmed Hassein Mohammad	Salwa Hossam Ali	Ghufran Jalal Bashir	Yahya Qassem Muhammed
51	Solving Differential Equations With Variable Coefficients And Fourier Series	Ahmed Hassein Mohammad	Zainab Safwan Muhammad	Doha Khaled Shehadeh	Wejdan Sabah Jassim
52	Continuity equation in two dimensions	Iman Hashim Najm	Heba Basil Muhammad	Hijran Rakan Muhammad	Aya Iyad Saadallah
53	Linear Regression Model and Least Squares Method	Aseel Muayad Qasim	Arshad mahmoud nzal	Mahmoud ghanim ethman	None
54	Fourier series with examples and applications	Aseel Muayad Qasim	Ameera ibraheem ghazal	Bra'a basel qasim khaled	Shahad abdaljbar qasim
55	About some series of functions for pade approximations	hiba shkuer mahmood	Shakir Hussain Ali	Omar Tahseen Younis Abbas	Marfaa Abbas Clinic
56	Solving Ordinary Differential Equations Using Homotopy Analytical Method	hiba shkuer mahmood	Ziad Khalaf Awad	Khaled Hammad Ahmed Hamad	Mahmoud Ahmed Hamad

57	Clean and semi clean rings	Marwan Azeez Jardo	Muthanaa Aadnan Aabdallah	Ahmaed Hamaad Muteab	Khalid Mahmud hamayd
58	sub-metric space	Nadia adnan abdulrazaq	Maryam Abdul Razzaq	Esraa Basel	Hussein Salah
59	Record number	najla sedek yahya	Mohammed Messer	Abdul Bari Ahmed	Akram Mohammed Yassen
60	Random variables and discrete probability distributions	najla sedek yahya	Emad Eddin Othman	Wissam Fathy	Ali Talb
61	Time series	najla sedek yahya	Othman Adib	Muhannad Atallah Mohammed	Heba Ghanem Mohammed
62	Linear differential equations of the second order	Noora Laith Housen	Khalil Ibrahim Abdullah	Jumaa Ali Ahmed	Zaid Ali Hassan
63	Solve aboundary values problam using tha crane function and the method of changing the constants	Noora Laith Housen	Hussain Rashed Sultan	Saif Thanon Younes	Omer Muhammed Nouri
64	Theorem of having solutions to ordinary fiffereential equations	Noora Laith Housen	Mohammed Mohsen Hussaein	Heba mohammed abduallah	Hadeel Arif Saadoun
65	Z-transformations	Hamsa Dawood Saleem	Islam Qassim Abdullah	Tariq Abid Ahmad	Mohanad Saleh Jassim
66	Introduction to Integral Equations	Hamsa Dawood Saleem	Israa Hazem Younis	Duha Bassim Ali	Kamar Ahmad Nassir

67	Solution of differential equations by series	Hamsa Dawood Saleem	Saleen Salaam Saffan	Mishko Khairi Merza	Elias Ajam Hasan
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