

M SC MATHEMATICS – MASTER THESIS

2022-2023

Thesis Title	Researcher's Name	Supervisor's Name
<u>On Non Linear Behavior of some continuous Time dynamical systems</u>	Sarah Hussain Al-Juaydi	Amr Refat Elsonbaty
<u>Dynamical Study and Applications of Non Linear Chaotic Circuits</u>	Sarah Fayez Alharbi	Amr Refat Elsonbaty
<u>The generalized notion of integral inequalities and variables</u>	Asia Fahd M AlMuteb	Mashaël Albaidani
Characterizations of nonlinear partial differential equations and their dynamical interaction solutions	Rahmah Sulaiman Albilasi	Dr. Fahad Alshammari
Study on applications of Fixed Points to Game Theory	Mohammed Lahi Alghazwani	Rajagopalan Ramaswamy
The generalized notion of integral inequalities of variables	ASIA FAHD M ALMUTEB	Mashaël M Albaidani
Study on Rough Sets Theory and its Applications	Sumayyah Ibrahim Mohamed Alshber	Hossam A. Nabwey
Sine Cosine Algorithm Based Chaos Search for Solving System of Non-Linear Equations	Fatima Mohd Nasser Al-drees	M A Shorbaggy
On Some Qualitative Properties of Some Functional Differential Equations	Ohoud Naif Almasarer	Emad R. Attia
Numerical Solutions of Boundary Layer Flow in a Micropolar Fluid	Ebtisam Ali Marzok Alrashidi	Mohammed Modather Mohammed Abdou
On fixed point theory approaches for solution of nonlinear problems	Naif Rawaf Hani Alrashedi	Reny George

Thesis Title	Researcher's Name	Supervisor's Name
On Approximate Solutions of Singular Perturbation Boundary Value Problems	Haifa Said Al-Juaydi	Essam Roshdy El-zahar
A Study of stability, bifurcation and chaos in some applied nonlinear dynamical systems	Sami Ahmed Ghazwani	Dr. Abdelaliem Elsadany

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Grading of Examination Marks using Optimization Methods	Mohammed Ibrahim Aloqayli	Khizar Hayat Khan
On the study of chaotic nonlinear quasi periodic waves and their solitonic behaviors	Abdulaziz Saad Alkhorayef	Dr.Fahad Alshammari
Study on Recent Trends for Knowledge Discovery Based on Rough Set Theory	Miad Ata Abu Hawsah	Hossam A. Nabwey
On mathematcal analysis and digital images encryption application of discrete chaotic systems	Mohammed Saad Alharbai	Amr Elsonbaty
On Newton–Krylov Method for Approximate Solution of Nonlinear Differential Equations	Najla Hamad Mohamed Al Dawood	Laila Fouad Seddek Morad
On the Oscillatory Behavior of Certain Difference Equations with Deviating Arguments	Shahad Monif Zayed Alotaibi	Emad Rezk Attia
Some problems of heat transfer of boundary layer flow in nanofluids	Refah Mohammed Masfar Al Wtheeh	Mohammed Modather Mohammed Abdou
On fixed point theory approaches for solution of nonlinear problems	Naif Rawaf Hani Alrashedi	Reny George

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Fixed Point Theorems and their varied applications	Muhannad Abdulla Saud Al-askar	Dr Rajagopalan R
A study on some geenralised contractions in b-metric spaces and its appliations	Saud Abdulaziz Alhaqbani	Reny George
On approximate solutions of singular perturbation boundary value problems	HAIFA SAEED ALJUAYDI	Prof. Dr. Essam Roshdy El-Zahar
On dynamic analysis of competition in economic games with different strategies	Abdullah Mohamed Adawi	Dr. Abdelaliem Abdo Elsadany
Grading of Examination Marks using Optimization Methods	Mohammed Ibrahim Aloqayli	Khizar Hayat Khan
On the study of chaotic nonlinear quasi periodic waves and their solitonic behaviors	Abdulaziz Saad Alkhorayef	Dr.Fahad Alshammari