KINGDOM OF SAUDI ARABIA
Ministry of Education
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المملكة العربية السعودية
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جامعة الملك فيصل
(٠٣٧)

رسائل الماجستير المكتملة بقسم الرياضيات والإحصاء

No.	Student Name	Supervisors Names	Thesis Title (English)	Doi for published articles	Complete year
1	Fatemah Alsebai	Prof_Mohammed Sobhy and Dr. Fatemah H. H. Al Mukahal	Thermal bending of functionally graded porous piezoelectric plate reinforced with graphene	https://doi.org/10.3390/math10173207 https://doi.org/10.3390/math13050764	2023
2	Aquila Youssef Aljadan	Prof_Adel Elmandouh and Dr. Mamdouh Elborolosy	Qualitative analysis and wave propagation of a finite deformation elastic rod	https://doi.org/10.3390/math12030383 https://doi.org/10.3390/sym15030650	2023
3	Muneer Naser Alali	Prof_Mohammed Sobhy and Dr. Mohammed Abazid	Dynamic and instability study of circular organic solar cells under hygrothermal conditions	https://doi.org/10.3390/math13071203 https://doi.org/10.3390/sym16050577	2024
4	Sarah Mubarak Albalawi	Prof_Mohammed Sobhy & Prof. Adel Elmandouh	Nonlinear dynamical analysis of functionally graded cylindrical microtubes in thermal environment	https://doi.org/10.3390/math12020236 https://doi.org/10.1016/j.aej.2025.07.010	2024
5	Mohammed Alhamoud	Dr. Mamdouh Elborolosy & Prof_Adel Elmandouh	Study on the effect of Brownian Motion and Fractional Derivatives on the Solutions of Nonlinear Evolution Equations	https://doi.org/10.3390/fractalfract7010016 https://doi.org/10.1016/j.aej.2024.02.047	2024
6	Munirah Khalid Alfadhli	Prof_Adel Elmandouh &Prof. Muneerah AL Nuwairan	Study the infulence of gyroscopic forces on the stability of particular motions in Mechanical systems	https://doi.org/10.3390/app13021123	2024

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7	Reem Ali Abduallh Alzahrani	Prof_Saiful Rahman Mondal	Geometric nature of special functions on domain enclosed by nephroid and lemniscate curves	https://doi.org/10.3390/sym16010019	2024
8	Alaa A. Alsaqer	Dr_Azhar Iqbal Kashif Butt & Prof. Muneerah AL Nuwairan	Modeling the dynamics of Bayoud disease in date palm trees with optimal control analysis	https://doi.org/10.3390/math12101487	2024
9	Shahad Gharbi Al-Ruwaili	Dr_Suresh Kumear Raju &Dr. Fatemah H. H. Al Mukahal	Significance of radiative properties on MHD flows with various heat fluxes	https://doi.org/10.1016/j.csite.2024.104095	2024
10	Aamna Hegge Kadem Al-Ali	Prof_Mohammed Sobhy& Dr. Fatemah H. H. Al Mukahal	Magneto-hygrothermal vibration of functionally graded graphene-reinforced annular nanoplates	https://doi.org/10.3390/sym16060696 https://doi.org/10.3390/cryst15090827	2025
11	Ali Sadiq	Prof_Ishtiaq Ali Amirzada	Simulations of reaction-diffusion system modeling the dynamics of tumor growth	https://doi.org/10.3934/math.2024567	2025
12	Maryam Ahmed Alazaz	Prof_Ishtiaq Ali Amirzada	An efficient and accurate numerical scheme for nonhomogeneous elliptic partial differential equations	https://doi.org/10.1080/27690911.2024.2338397	2025
13	Bashayr Almutairi	Prof. Muneerah AL Nuwairan& Dr. Anwar Aldhafeeri	Study on the nonlinear dynamical analysis of space-fractional stochastic regularized long wave equation	https://doi.org/10.3390/fractalfract8050298	2025
14	Marwa Faisal Salman Al Muhammadi	Dr_Fatemah H. H. Al Mukahal	Comprehensive nonlinear analyses of porous piezoelectric cylindrical microtubes under a periodic load	https://doi.org/10.3390/math12213422	2025

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15	Marwa Faisal Soliman Al Muhammadi	Prof_Mohammed Sobhy& Dr. Fatemah H. H. Al Mukahal	Comprehensive nonlinear analyses of porous piezoelectric cylindrical microtubes under a periodic load	https://doi.org/10.3390/math12213422 http://doi.org/10.1007/s00419-026-03028-1	**2026**
16	Manal Salem Sari Alharbi	Prof_Adel Elmandouh & Dr. Mamdouh Elborolsy	A study of nonlinear dynamical behaviour of a coupled fractional nonlinear Shrodinger type equation	https://doi.org/10.1016/j.aej.2024.11.058 https://doi.org/10.3390/math13193174	**2026**