

النشر العلمي لقسم الرياضيات بكلية العلوم والآداب بالقريات جامعة الجوف 2021-2020

اسم المجلة	I.F	Q	رابط البحث على شبكة الانترنت	عنوان البحث	الناشر الرئيسي	م
Journal of Computational Analysis and Applications	0.6	Q4	http://www.eudoxuspress.com/images/JOCAAA-VOL-29-2021-ISSUE-1.pdf	A new techniques applied to Volterra–Fredholm integral equations with discontinuous kernel	محمد السيد أحمد نصر	1
Journal of Computational Analysis and Applications	0.6	Q4	http://www.eudoxuspress.com/images/JOCAAA-VOL-29-2021-ISSUE-5.pdf	Theoretical and Numerical Discussion for the Mixed Integro–Differential Equations	محمد السيد أحمد نصر	2
Applied Mathematics and Mechanics	2.9	Q2	https://doi-org.sdl.idm.oclc.org/10.1007/s10483-021-2682-6	Magnetophothermal interaction in a rotating solid cylinder of semiconductor silicone material with time dependent heat flow	أحمد السيد علي أبوالرجال	3
Mechanics Based Design of Structures and Machines	2.3	Q2	https://doi-org.sdl.idm.oclc.org/10.1080/15397734.2020.1863229	A rotational gravitational stressed and voids effect on an electromagnetic photothermal semiconductor medium under three models of thermoelasticity	أحمد السيد علي أبوالرجال	4
Indian Journal of Physics	1.9	Q3	https://doi-org.sdl.idm.oclc.org/10.1007/s12648-020-01979-x	Thermo-viscoelastic properties in a non-simple three-dimensional material based on fractional derivative Kelvin–Voigt model	أحمد السيد علي أبوالرجال	5
Waves in Random and Complex Media	4.9	Q1	https://doi-org.sdl.idm.oclc.org/10.1080/17455030.2020.1871110	An advanced model of thermoelasticity with higher-order memory-dependent derivatives and dual time-delay factor	أحمد السيد علي أبوالرجال	6

Archive of Applied Mechanics	2	Q3	https://doi-org.sdl.idm.oclc.org/10.1007/s00419-020-01873-2	Vibration analysis of functionally graded microbeam under initial stress via a generalized thermoelastic model with dual-phase lags	أحمد السيد علي أبوالرجال	7
International Journal of Thermophysics	1.6	Q3	https://doi-org.sdl.idm.oclc.org/10.1007/s10765-020-02777-7	Boundary element modeling for simulation and optimization of three-temperature anisotropic micropolar magneto-thermoviscoelastic problems in porous smart structures using NURBS and genetic algorithm	أحمد السيد أبو الرجال	8
Journal of Applied and Computational Mechanics	لا يوجد	Q4	DOI: 10.22055/JACM.2021.36048.2784	Thermoelastic Memory-dependent Responses to an Infinite Medium Dynamic characteristics of initially stressed viscoelastic microbeams induced by ultra-intense lasers	عصام محسن عبدالمجيد	9
Results in Physics	4.5	Q1	https://doi.org/10.1016/j.rinp.2020.103705	Generalized thermoelasticity based on higher-order memory-dependent derivative with time delay	محمد فال المصطفى	10
The Fourth Industrial Revolution: Implementation of Artificial Intelligence for Growing Business Success	لا يوجد	لا يوجد	https://link.springer.com/chapter/10.1007%2F978-3-030-62796-6_6	Collaborative and Social Media SaaS (Software as a Service) Cloud Computing Services' Adoption and Acceptance Model on the Millennials: Conceptual Model	رمضان عبده مصلح الصايدي	11
Applications of Artificial Intelligence in Business, Education and Healthcare	لا يوجد	لا يوجد	https://link.springer.com/chapter/10.1007/978-3-030-72080-3_19	Investigation of Collaborative, Social Media SaaS Cloud-Based Services' Acceptance Model on the Millennials	رمضان عبده مصلح الصايدي	12
Operators and Matrices	0.6	Q4	dx.doi.org/10.7153/oam-2021-15-62	On the compactness and spectra of the generalized difference operator on the spaces l^∞ and bv	سعد رشاد نعمان التشيرراوي	13
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2.6	Q2	https://link-springer-com.sdl.idm.oclc.org/article/10.1007%2Fs00339-021-04725-0	A new insight into the interaction of thermoelasticity with mass diffusion for a half-space in the context of Moore–Gibson–Thompson thermodiffusion theory	أحمد السيد علي أبوالرجال	14
SILICON	2.7	Q3	https://link.springer.com/article/10.1007/s12633-021-01289-9	The Effect of Excess Carrier on a Semiconducting Semi-Infinite Medium Subject to a Normal Force by Means of Green and Naghdi Approach	أحمد السيد علي أبوالرجال	15
PHYSICA SCRIPTA	2.5	Q2	https://iopscience.iop.org/article/10.1088/1402-4896/ac13e2/meta	Modified couple stress flexure mechanics of nanobeams	أحمد السيد علي أبوالرجال	16

Applied Mathematical Modelling	5.1	Q1	https://www.sciencedirect.com/science/article/abs/pii/S0307904X21003152	Memory response on magneto-thermoelastic vibrations on a viscoelastic micro-beam exposed to a laser pulse heat source	أحمد السيد علي أبوالرجال	17
WAVES IN RANDOM AND COMPLEX MEDIA	4.9	Q1	https://www.tandfonline.com/doi/abs/10.1080/17455030.2021.1948632	Thermomagnetic modeling of a nonlocal viscoelastic half-space exposed to an internal heat source through a two-phase delay model	أحمد السيد علي أبوالرجال	18
Complexity	2.8	Q2	https://www.hindawi.com/journals/complexity/2021/9952562/	Numerical Solution of the Multiterm Time-Fractional Model for Heat Conductivity by Local Meshless Technique	أحمد السيد علي أبوالرجال	19
Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	2.3	Q3	https://journals-sagepub-com.sdl.idm.oclc.org/doi/10.1177/14644207211021933	Simulation-based assessment of coupled frequency response of magneto-electro-elastic auxetic multifunctional structures subjected to various electromagnetic circuits	أحمد السيد علي أبوالرجال	20
Journal of the Brazilian Society of Mechanical Sciences and Engineering	2.2	Q2	https://link.springer.com/article/10.1007/s40430-021-02966-x	thermoelastic response of non-simple solid cylinder with variable properties under a continuous line heat source	أحمد السيد علي أبوالرجال	21
Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	2.3	Q3	https://journals.sagepub.com/doi/abs/10.1177/1464420720985899	The effect of variable properties and rotation in a visco-thermoelastic orthotropic annular cylinder under the Moore–Gibson–Thompson heat conduction model	أحمد السيد علي أبوالرجال	22
PHYSICA SCRIPTA	2.5	Q2	https://iopscience.iop.org/article/10.1088/1402-4896/abfd63/meta	Moore–Gibson–Thompson thermoelasticity model with temperature-dependent properties for thermo-viscoelastic orthotropic solid cylinder of infinite length under a temperature pulse	أحمد السيد علي أبوالرجال	23
MODERN PHYSICS LETTERS B	1.7	Q2	https://www.worldscientific.com/doi/abs/10.1142/S0217984921502973	Thermo-viscoelastic fractional model of rotating nanobeams with variable thermal conductivity due to mechanical and thermal loads	أحمد السيد علي أبوالرجال	24
CONTINUUM MECHANICS AND THERMODYNAMICS	3.8	Q1	https://link.springer.com/article/10.1007/s00161-021-00998-1	Computational analysis of an infinite magneto-thermoelastic solid periodically dispersed with varying heat flow based on non-local Moore–Gibson–Thompson approach	أحمد السيد علي أبوالرجال	25
MECHANICS OF TIME-DEPENDENT MATERIALS	2.1	Q2	https://link.springer.com/article/10.1007/s11043-021-09487-z	Analysis of a magneto-thermoelastic problem in a piezoelectric medium using the non-local memory-dependent heat conduction theory involving three phase lags.	أحمد السيد علي أبوالرجال	26

FACTA UNIVERSITATIS-SERIES MECHANICAL ENGINEERING	3.3	Q2	http://casopisi.junis.ni.ac.rs/index.php/FUMechEng/article/view/7253	TEMPERATURE-DEPENDENT PHYSICAL CHARACTERISTICS OF THE ROTATING NONLOCAL NANOBAMS SUBJECT TO A VARYING HEAT SOURCE AND A DYNAMIC LOAD	أحمد السيد علي أبوالرجال	27
EUROPEAN PHYSICAL JOURNAL PLUS	3.9	Q1	https://link.springer.com/article/10.1140/epjp/s13360-021-01257-7	Modelling of vibrations of rotating nanoscale beams surrounded by a magnetic field and subjected to a harmonic thermal field using a state-space approach	أحمد السيد علي أبوالرجال	28
MATHEMATICS	2.3	Q1	https://www.mdpi.com/2227-7390/9/13/1536	Solution of Moore–Gibson–Thompson Equation of an Unbounded Medium with a Cylindrical Hole	أحمد السيد علي أبوالرجال	29
Structural Engineering and Mechanics	3.5	Q2	http://www.techno-press.org/content/?page=article&journal=sem&volume=78&num=1&ordernum=10	Nonlinear vibration and stability of FG nanotubes conveying fluid via nonlocal strain gradient theory	أحمد السيد علي أبوالرجال	30
CMC-COMPUTERS MATERIALS & CONTINUA	3.8	Q2	https://www.techscience.com/cmcc/v67n3/41571	Model of Fractional Heat Conduction in a Thermoelastic Thin Slim Strip under Thermal Shock and Temperature-Dependent Thermal Conductivity	أحمد السيد علي أبوالرجال	31
International Journal of Numerical Methods and Applications	لا يوجد	لا يوجد	http://dx.doi.org/10.17654/NM020010041	NUMERICAL SOLUTIONS OF MATHEMATICAL MODEL FOR COVID-19 IN THE KINGDOM OF SAUDI ARABIA	فاطمة حسن محمد ابراهيم	32
Communications of the Korean Mathematical Society	لا يوجد	لا يوجد	http://ckms.kms.or.kr/journal/view.html?doi=10.4134/CKMS.c200232	Global Theory Of Vertical Recurrent Finsler Connection	عمرو سليمان محمود حسن	33
Indian journal of pure and applied mathematics	0.4	Q4	https://doi.org/10.1007/s13226-021-00020-z	On some properties of Cauchy Stieltjes kernel families	رؤوف عبد الله الفخفاخ	34
Communications in Statistics- Theory and Methods	0.9	Q4	https://doi.org/10.1080/03610926.2021.1944212	Explicit free multiplicative law of large numbers	رؤوف عبد الله الفخفاخ	35
Bulletin of the Korean Mathematical Society	0.5	Q4	https://doi.org/10.4134/BKMS.b200380	Boolean multiplicative convolution and Cauchy Stieltjes kernel families	رؤوف عبد الله الفخفاخ	36

Journal of Applied and Computational Mechanics	لا يوجد	Q4	https://jacm.scu.ac.ir/article_15797.html	Thermoelastic Vibrations of Nonlocal Nanobeams Resting on a Pasternak Foundation via DPL Model	محمد السيد أحمد نصر	37
Journal of Mathematical and Computational Science	لا يوجد	Q4	http://scik.org/index.php/jmcs/article/view/5808	Fixed point results of generalized Reich contraction for admissible mappings on generalized c-distance in cone b-metric spaces over Banach algebra	سحر محمد أبو سالم	38
Journal of Mathematical and Computational Science	لا يوجد	Q4	http://scik.org/index.php/jmcs/article/view/5768	New common fixed point results for single-valued mappings in cone b-metric spaces over Banach algebra with generalized c-distance	سحر محمد أبو سالم	39
Journal of Mathematics and Computer Science	لا يوجد	Q3	http://dx.doi.org/10.22436/jmcs.025.03.01	New coupled and common coupled fixed point results with generalized c-distance on cone b-metric spaces	سحر محمد أبو سالم	40
Journal of Dispersion Science and Technology	2.3	Q3	https://www.tandfonline.com/doi/full/10.1080/01932691.2021.1931292	Unsteady three dimensional radiative-convective flow and heat transfer of dusty nanofluid within porous cubic enclosures	زينب راشد العنزي	41
Scientific Reports	4.4	Q1	https://www.nature.com/articles/s41598-021-84848-9	Radiative flow of non Newtonian nanofluids within inclined porous enclosures with time fractional derivative	زينب راشد العنزي	42
Thermal Science	1.6	Q3	http://www.doiserbia.nb.rs/Article.aspx?ID=0354-98362100144A#.YSLnLqzZPY	MHD dusty hybrid nanofluid peristaltic flow in curved channels	زينب راشد العنزي	43
Alexandria Engineering Journal	3.7	Q1	https://www.sciencedirect.com/science/article/pii/S1110016821000533?via%3Dihub	Non-homogenous nanofluid model for 3D convective flow in enclosures filled with hydrodynamically and thermally heterogeneous porous media	زينب راشد العنزي	44
Physica Scripta	2.5	Q2	https://iopscience.iop.org/article/10.1088/1402-4896/abe82d/meta	Radiative MHD bioconvective nanofluid flow due to gyrotactic microorganisms using Atangana–Baleanu Caputo fractional derivative	زينب راشد العنزي	45
Physica Scripta	2.5	Q2	https://iopscience.iop.org/article/10.1088/1402-4896/abd1b1	Numerical study of radiative impacts on a magneto-convective flow confined an inclined two-sided wavy enclosure using hybrid nanofluid	زينب راشد العنزي	46

Thermal Science	1.6	Q3	http://www.doiserbia.nb.rs/Article.aspx?ID=0354-98361900166R#.YSNSJYqzZPY	HEAT TRANSFER ENHANCEMENT IN THE COMPLEX GEOMETRIES FILLED WITH POROUS MEDIA	زينب راشد العنزي	47
Computers, Materials and Continuathis	3.8	Q2	https://www.techscience.com/cmcc/v66n1/40494	Peristaltic flow of dusty nanofluids in curved channels	زينب راشد العنزي	48
International Journal of Analysis and Applications	لا يوجد	لا يوجد		NEW NUMERICAL SOLUTION FOR TWO PARAMETRIC Surfaces INTERSECTION DRAGGING PROBLEM	رمضان عبده مصلح الصايدي	49
INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY	لا يوجد	لا يوجد		Poisson Semigroups With Inverse And Biinverse Square Potentials	حسام الدين الفاضل محمد احمد	50
International Journal of Modern Physics C	1.2	Q4	https://doi.org/10.1142/S0129183121501631	Modified Moore–Gibson–Thompson photo-thermoelastic model for a rotating semiconductor half-space subjected to a magnetic field	أحمد السيد علي أبوالرجال	51
Complexity	2.8	Q2	10.1155/2021/5547566	A Thermoelastic Piezoelectric Fixed Rod Exposed to an Axial Moving Heat Source via a Dual-Phase-Lag Model	أحمد السيد علي أبوالرجال	52
Chinese Journal of Physics	3.2	Q2	https://doi.org/10.1016/j.cjph.2021.08.015	Generalized thermoelastic responses in an infinite solid cylinder under the thermoelastic-diffusion model with four lags	أحمد السيد علي أبوالرجال	53
International Journal of Applied Mechanics	3.2	Q2	https://doi.org/10.1142/S1758825121500794	Photothermoelastic Interactions in Silicon Microbeams Resting on Linear Pasternak Foundation Based on DPL Model	أحمد السيد علي أبوالرجال	54
Waves in Random and Complex Media	4.9	Q1	https://doi-org.sdl.idm.oclc.org/10.1080/17455030.2021.1971326	Thermomagnetic behavior of a nonlocal finite elastic rod heated by a moving heat source via a fractional derivative heat equation with a non-singular kernel	أحمد السيد علي أبوالرجال	55
Open Physics	1.1	Q4	https://doi.org/10.1515/phys-2021-0034	Thermo-viscoelastic orthotropic constraint cylindrical cavity with variable thermal properties heated by laser pulse via the MGT thermoelasticity model	أحمد السيد علي أبوالرجال	56

ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	1.6	Q2	10.1002/zamm.202000327	Fractional derivative Moore-Gibson-Thompson heat equation without singular kernel for a thermoelastic medium with a cylindrical hole and variable properties	أحمد السيد علي أبوالرجال	57
--	-----	----	---	--	-----------------------------	----

مشرف القسم

ريان بن موافق العنزي

رئيس لجنة البحث العلمي بالقسم

معز محمد بنحمد