Abdul Muti Abdullah

Curriculum Vitae

Personal Data

Full Name	**Abdul Muti Muhammad Abdullah**
Nationality	Egyptian
Address	Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt
Date of Birth	22 Nov. 1956
Email	mohmrr@yahoo.coam
Current position	**Emeritus Professor**
Google Scholar	Please Click Here

Work Experience

2001 to date	Prof. Dr. Math. Department, Faculty of Science, Sohag University, Egypt.
1998	Assistant Prof.Math. Department, Faculty of Science, Sohag University, Egypt.
1982	Lecturer Math. Department, Faculty of Science, Sohag University, Egypt.
1978	Demonstrator Math. Department, Faculty of Science, Sohag University, Egypt.

Education

1998	**Ph.D. in Mathematics, Faculty of Science.**, sohag, *Egypt*
1982	**M. Sc. Mathematics, Faculty of Science** , *Sohag University*, *Egypt*
1978	**Bachelor's Degree Faculty of Science** , *Sohag University* , *Egypt*

Conferences

Fourth International Conference for Mathematics and Its Applications(ICMA21) Hurghada, Egypt, 7-10 October, 2021

Languages

Arabic	Native
English	Very Good

Computer Skills

Expert	MS.Office and ICDL

Social skills

Good

Awards

1. Obtaining scientific publishing awards in the years 2009, 2010, 2011, 2012, 2013 at Taif University
2. Distinguished Researcher Award for the year 2012 at Taif University
3. Obtaining scientific publishing awards in the years 2018, 2019, 2020 at Sohag University
4. Obtaining the Sohag University Appreciation Award 2019
5. One of the most influential scientists in the world, according to the classification of the American Stanford University, for two years in a row, 2020 and 2021.

Publications

1. A.M.El-Naggar and A.M.Abd-Alla, Dynamical problems of thermoelastic solids, J. Earth, Moon and Planets, Vol. 34, pp.201-211, (1986).
2. A.M.El-Naggar and A.M.Abd-Alla, On a generalized thermo-elastic problems in an infinite cylinder under , J. Earth, Moon and Planets, Vol. 37 , PP.213-223, (1987).
3. A.M.El-Naggar and A.M.Abd-Alla, On the dynamical problem of granular medium in a thermelastic solid infinite cylinder, Bull. Fac. Sci., Assiut Univ., Vol. 16, pp. 155-173, (1987).
4. A.M.Abd-Alla, Generation of waves in an infinite micropolar elastic solid body under initial stress, J. Astrophysics and Space Science, Vol.189, pp. 175-183, (1991).
5. A.M.El-Naggar and A.M.Abd-Alla, Rayleigh waves in magneto-thermoelastic half-space under initial stress, J. Earth, Moon and Planets, Vol.45, pp. 175-185, (1989).
6. A.M.Abd-Alla, Thermal stress in a transversely isotropic circular cylinder due to an instantaneous heat source, J. Applied Mathematics and Computation, Vol. 68, pp. 113-124, (1995).
7. A.M.El-Naggar, A.M.Abd-Alla and S.M.Ahmed, on the rotation of a non-homogeneous composite infinite cylinder of orthotropic material , J. Applied Mathematics and Computation, Vol.69, pp. 147-157, (1995).
8. A.M.Abd-Alla, A problem on wave propagation in hyperelastic media, Jour. Math. Sci., Vol. 27, pp.181-191, (1993).
9. A.M.Abd-Alla, Effect of initial stress on propagation of axisymmetric waves along a hollow cylinder, Bull. Fac. Sci., Assiut Univ., Vol.23, pp.39-53, (1994).
10. A.M.Abd-Alla, Thermal stress problem in an elastic half-space, Bull. Of The Calcutta Mathematical Society, Vol.87 , pp. 113-118, (1995).
11. A.M.El-Naggar, A.M.Abd-Alla and S.M.Ahmed, Rayleigh waves in a magnetoelastic initially stressed conducting medium with the gravity field, Bull. Of The Culcutta Mathematical Society, Vol. 86. pp. 243-248. (1994).
12. A.M.El-Naggar, A.M.Abd-Alla and S.M.Aahmed, The stresses in a rotation of a non-homogeneous composite cylinder of isotropic material, Sohag Pure & Sci. Bull., Fac. Sci. Sohag, Vol. 10, pp.183-196, (1994).
13. A.M. El-Naggar, A.M.Abd-Alla and S.M.Ahmed, Influecce of gravity and initial stress on the

propagation of waves in an orthotropic elastic medium, Rev. Roum. Sci. Tech. Mec. Appl., Tome 40, No. 2-3, pp.403-408, (1995).
14. A.M.Abd-Alla, Propagation of Rayleigh waves in an elastic half-space of orthotropic material, J. Applied Mathematics and Computation, Vol.99, pp.61-96, (1999).
15. A.M.Abd-Alla and S.M.Ahmed, Rayleigh waves in an orthtropic thermoelastic medium under gravity field and initial stress, J. Earth, Moon and Planets, Vol.75, pp.185-197, (1996).
16. A.M.Abd-Alla, A.N.Abd-Alla and N.A.Zeidan, Transient thermal stress in a rotating non-homogeneous cylindically orthotropic composite tubes, J. Applied Mathematics and Computation, Vol.105, pp.253-269, (1999).
17. A.M.Abd-Alla, A.N.Abd-Alla and N.A.Zeidan, Transient thermal stresses in a spherically orthotropic elastic medium with spherical cavity, J. Applied Mathematics and computation , Vol.105, pp.231-252, (1999).
18. A.M.Abd-Alla, The effect of initial stress and orthotropy on the propagation waves in a hollow cylinder, J. Applied Mathematics and Computation, Applied Mathematics and Computation, Vol. 106, pp.237-244, (1999).
19. A.M.Abd-Alla, On a generalized thermoelastic interaction in an unbounded body due to a line heat source, Tensor Society, Vol. 60, pp.8-17, (1998).
20. A.M.Abd-Alla and S.M.Ahmed, Propagation of love waves in a non-homogeneous orthotropic elastic layer under initial stress overlying semi infinite medium, J. Applied Mathematics and Computation, Vol. 106, pp.265-275, (1999).
21. A.M.Abd-Alla, A.N.Abd-Alla and N.A.Zeidan, Thermal stresses in a non-homogeneous orthotropic elastic multilayered cylinder, J. Of Thermal Stresses, Vol.23, pp.313-428, (2000).
22. A.M.Abd-Alla, Transient response of infomogeneous transversely isotropic thermoelasttic cylinder to a dynamic input, J. Applied Mathematics and Computation, Vol. 74, pp.1-13, (1996).
23. A.M.El-Naggar, A.M.Abd-Alla, M.A.Fahmy and S.M.Ahmed, Thermal stresses in a rotating non-homogeneous orthotropic hollow cylinder, Heat and Mass Transfer, Vol. 39, pp. 41-46, (2002).
24. A.M.Abd-Alla, A.M.El-Naggar and M.A.Fahmy, Magneto-thermoelastic problemin non-homogeneous isotropic cylinder, Heat and Mass Transfer, Vol.39, pp. 625-629, (2003).
25. A.M.El-Naggar, A.M.Abd-Alla and S.R.Mahmoud, Analytical solution of electro-mechanical wave propagation in long bones, J. Applied Mathematics and Computation, Vol. 119, pp. 77-98, (2001).
26. A.M.Abd-Alla and S.M.Ahmed, Stoneley and rayleigh waves in a non-homogeneous orthotropic elastic mesium under the influence of gravity, J. Applied Mathematics and Computation, Vol. 135, pp.187-200, (2003).
27. A.M.El-Naggar, A.M.Abd-Alla and M.A.Fahmy, The propagation of thermal stresses in an infinite elastic slab, j. Applied Mathematics and Computation,.Vol.157,pp.307-312,(2004).
28. A.M.Abd-Alla and N.A.Zeidan, Thermal stresses in the rotation of a non-homogeneous composite infinite cylinder of orthotropic material, Internat. J. Math. & Math. Sci., Vol. 23, pp.1-16, (2001).
29. A.M.Abd-Alla, Propagation of thermoelastic waves in a non-homogeneous infinite cylinder of isotropic material, J. Applied Math. and Computation,Vol.126, pp.335-350, (2003).
30. A.M.Abd-Alla, H.A.H.Hammad and S.M.Abo-Dahb, Rayleigh waves in a magnetoelastic half-space of orthotropic material under influence of initial stress and gravity field, J. Applied Math. and Computation, Vol.154, pp.583-597,(2004).
31. A.M.Abd-Alla, H.A.H.Hammad and S.M.Abo-Dahb, Magneto-thermo-viscoelastic interactions in an unbounded body with a spherical cavity subjected to a periodic loading, J. Applied Math. and Computation, VOL.155, PP.235-248(2004)
32. A.M.Abd-Alla, H.A.H.Hammad and S.M.Abo-Dahb, Propagation of Rayleigh waves in generalized magneto-thermoelastic orthotropic material under initial stress and gravity field, Internat. J. Math. Sci., Vol. 5, (2005)
33. A.M.Abd-Alla, H.A.H.Hammad and S.M.Abo-Dahb, Generalized magneto-thermoelastic Rayleigh

waves in a granular medium under influence of gravity field and initial stress, Accepted for publication in Vibration and Contrrol, (2009).
34. A.M.Abd-Alla, H.A.H. Hammad and S.M.Abo-Dahb, Generalation of Rayleigh waves in generalized magneto-thermoelastic orthotropic material under initial stress and gravity field, accepted for publication in Journal Thermal Stresses (2010)
35. A.M. Abd-Alla, M.R. Abd-El-Salam and H.A. Hosham, Numerical solution of Magneto-thermoelastic problem Non-homogeneous isotropic material, J. of Applied Mathematical Moddling, Vol.31, pp.1662-1670, (2007).
36. A.B.Shamardn , T.A. Nofel and A.M. Abd-Alla, Magneto-thermoelastic problem in rotating non-Homogeneous orthotropic cylinder under the Hyperbolic heat conduction model, accepted for Publication in J. of Sound and Vibrations (2009).
37. A.M.Abd-Alla, A.A.Salama, M.R.Abd-El-Salam and H.A.Hosham, An Implicit finite difference method for solving the Transient coupled thermoelasticity of an annular Fin, Applied Mathematics & Information Sciences- An International Journal, pp.79-93(2007).
38. A.M.Abd-Alla and H.A.Hosham, Magneto- thermoelastic Problem in rotating non-homogeneous orthotropic cylindrical Shell under the hyperbolic heat conduction model, accepted For publication in J. Sound and Vibration (2009).
39. A.M.Abd-Alla , T.M.El-Shat and M.A.Fahmy, Effect of inhomogeneity on the thermoelastic stresses in micro- engineering anisotropic solid, Far East J. of Applied Mathematics, Vol.27, pp.245-264 (2007).
40. A.M.Abd-Alla , T.M.El-Shat and M.A.Fahmy, Thermal stresses In rotating non-homogeneous anisotropic elastic multilayered Solids, Far East J. of Applied Mathematics, Vol.27, pp.223-243 (2007)
41. A.M.Abd-Alla, M.A.Fahmy and T.M.El-Shahat, The effect of initial stress and inhomogeneity on the thermoelastic stresses in a rotating anisotropic solid, Journal of Archiv Applied Mechanics, Vol. 50, pp.87 (2007).
42. A.M.Abd-Alla, M.A.Fahmy and T.M.El-Shahat, Magneto-thermo-elastic problem of a rotating nonhomogeneous anisotropic solid cylinder, Journal of Archiv Applied Mechanics Vol.51,pp.151-170(2007).
43. A.M. Abd-Alla, T.A. Nofal, A.M. Farhan, Effect of the non-homogenity on the composite infinite cylinder of isotropic material , Physics Letters A, 372, Issue 29, 4861-4864, (2008). [44] A.M. Abd-Alla, T.A. Nofal, A.M. Farhan, Effect of the non-homogenity on the composite infinite cylinder of orthotropic material , Physics Letters A, 372, Issue 29, 4861-4864, (2008).
44. M. Abd-Alla, S. R. Mahmoud and M.I.R.Helmi, " Influences of Rotation, Magnetic Field, Initial Stress and Gravity on Rayleigh Waves in a Homogeneous Orthotropic Elastic Half-Space.", Applied Mathematical Sciences, Vol.4, pp. 91–108 (2010).
45. A.M. Abd-Alla, S. R. Mahmoud and Matooka,B.R, " Effect of the rotation on waves in a cylindrical borehole filled with micropolar fluid ", International Foroum Journal, Vol.5, (2010) .
46. A.M. Abd-Alla, S.M. Abo-Dahab, S. R. Mahmoud and H.A. Hammad " On generalized magneto-thermoelastic rayleigh waves in a granular medium under influence of gravity field and initial stress.", Journal of Vibration and Control Vol.40, (2011).
47. A. M. Abd-Alla, S. R. Mahmoud and M.I.R.Helmi, "Effect of initial stress and magnetic field on Propagation of shear wave in non homogeneous Anisotropic medium under gravity field", Open Applied Mathematics Journal, Vol.5, (2010)..
48. A.M. Abd-Alla, A.M. Farhan , G.A.Yahya, and S. R. Mahmoud " Effect of the rotation on propagation of thermoelastic waves in a nonhomogeneous infinite cylinder of isotropic material The Open Applied Mathematics Journal, (In press), 20011.
49. A.M. Abd-Alla, S. R. Mahmoud and N.A.AL-Shehri, "Effect of the Rotation on a Non-homogeneous Infinite Cylinder of Orthotropic Material " Applied Mathematics and Computation , Vol.217, pp.

8914 – 8922 (2011)
50. A.M. Abd-Alla, S. R. Mahmoud and M.I.R.Helmi, " Propagation of S-wave in a non-homogeneous anisotropic incompressible and initially stressed medium under influence of gravity field.", Applied Mathematics and Computation, Vol.217, pp. 4321–4332 (2011).
51. A. M. Abd-Alla, S. R. Mahmoud and N.A.AL-Shehri, " Effect of the rotation on the radial vibrations in a non-homogeneous orthotropic hollow cylinder" , International Journal of Modern Physics B, Vol.36,pp.75-95 , (2011).
52. S.R. Mahmoud, A.M. Abd-Alla and N.A. AL-Shehri, Effect of the Rotation on the Radial Vibrations in a Non-Homogeneous Orthotropic Hollow Cylinder, Open Mechanic Journal , Vol.4, Pp 58-64 (2010).
53. A.M. Abd-Alla, T.M. El-Shahat, M.A. Fahmy, Thermoelastic Stresses in Inhomogeneous Anisotropic Solid in the Presence of Body Force, International Journal of Heat Technology, Vol.25, pp.111-118 (2007).
54. A.M. Abd-Alla, S. R. Mahmoud and Matooka,B.R, "Effect of the rotation on wave motion through cylindrical bore in a micropolar porous cubic crystal", International Journal of Modern Physics B, Vol.25, (2011).
55. A.M. Abd-Alla, S.M. Abo-Dahab, Time-harmonic sources in a generalized magneto-thermo-viscoelastic continuum with and without energy dissipation Applied Mathematical Modelling, 33, PP. 2388-2402, (2009).
56. A.M. Abd-Alla, S. R. Mahmoud , Magneto-thermo-viscoelastic interactions in an unbounded non-homogeneous body with a spherical cavity subjected to a periodic loading, Appl. Math. Sci., Vol. 5, 2011, no. 29-32, 1431-1447.
57. Abd-Alla, A. M, Mahmoud, S. R, (2010), Magneto-thermoelastic problem in rotatin non-homogeneous orthotropic hollow cylinder under the hyperbolic heat conduction model,Meccanica, 45,pp.451-462.
58. A.M. Abd-Alla, S.M. Abo-Dahab and F.Bayones, Rayleigh wave in generalized magneto-thermoviscoelastic granular medium under the influence of rotation, gravity field and initial stress, Mathematical Problems in Engineering, pp. 1-47 (2011).
59. A.M. Abd-Alla, S.M. Abo-Dahab ,Propagation of Rayleigh waves in generalized magneto-thermoelastic orthotropic material under initial stress and gravity field, Applied Mathematical Modelling, Vol.35,pp. 2981–3000, (2011).
60. A. M. Abd-Alla, S. M. Abo-Dahab and S. R. Mahmoud, Wave propagation modeling in cylindrical human long wet bones with cavity, Meccanica, 2011, Volume 46, Number 6, Pages 1413-1428.
61. A. M. Abd-Alla, G. A. Yahya, S. R. Mahmoud and H. S. Alosaimi, Effect of the rotation, magnetic field and initial stress on peristaltic motion of micropolar fluid, Meccanica, Vol.41 (2012).
62. A M Abd-Alla and S R Mahmoud , On the problem of radial vibrations in non-homogeneity isotropic cylinder under influence of initial stress and magnetic field, Journal of Vibration and Control, vol. 19 no. 9 1283-1293 (2013).
63. A. M. Abd-Alla1,and S. R. Mahmoud, Analytical solution of wave propagation in a non-homogeneous orthotropic rotating elastic media, Journal of Mechanical Science and Technology 26 (3) (2012) 917 926.
64. A.M. Abd-Alla · S.R. Mahmoud · S.M. Abo-Dahab, On problem of transient coupled thermoelasticity of an annular fin, Meccanica (2012) 47:1295–1306.
65. A. M. ABD-ALLA and G. A. YAHYA, Thermal stresses in infinite circular cylinder subjected to rotation, Appl. Math. Mech. -Engl. Ed., 33(8), 1059–1078 (2012).
66. A. M. Abd-Alla, S. M. Abo-Dahab and T. A. Al-Thamali, Propagation of Rayleigh waves in a rotating orthotropic material elastic half-space under initial stress and gravity, Journal of Mechanical Science and Technology, 2012, Volume 26, Number 9, Pages 2815-2823.
67. A. M. Abd-Alla, G. A. Yahya and A. M. Farhan, Thermal stresses in an infinite circular cylinder, Journal of Mechanical Science and Technology, 2012, Volume 26, Number 6, Pages 1829-1839. [69]

A. M. Abd-Alla and S. M. Abo-Dahab, Effect of rotation and initial stress on an infinite generalized magneto-thermoelastic diffusion body with a spherical cavity, Journal of thermal stresses, Vol.35, 892-912 (2012).
68. A M Abd-Alla, S M Abo-Dahab, and F S Bayones , Propagation of Rayleigh waves in magneto-thermo-elastic half–space of a homogeneous orthotropic material under the effect of the rotation, initial stress and gravity field , Journal of Vibration and Control 1077546312444912, first published on May 28, 2012 as doi:10.1177/1077546312444912.
69. A. M. Abd-Alla, G. A. Yahya and A. M. Farhan, Thermal stresses in an infinite circular cylinder, Journal of Mechanical Science and Technology 26 (2012) pp. 1829-1839.
70. A. M. Abd-Alla, S. R. Mahmoud and M. H. Al-thagafy, Effect of magnetic field and non-homogeneity on the radial vibration in hollow elastic cylinder, Int. Journal of Engineering & Technology 12 (2012) p. 62.
71. A. M. Abd-Alla, G. A. Yahya and A. M. Farhan, Effect of rotation and non-homogeneity on the radial vibration in orthotropic hollow sphere, Int. Journal of Mechanical and Mechanics Engineering 12 (2012) p. 1.
72. A. M. Abd-Alla, G. A. Yahya, and S.R. Mahmoud, Effect of magnetic field and non-homogeneity on the radial vibration in hollow rotating elastic cylinder, Meccanica, 47, (2012).
73. A. M. Abd-Alla, S. M. Abo-Dahab, F. S. Bayones, Effect of rotation and magnetic field on generalized thermo-viscoelastic in an infinite circular cylinder, Advanced The. Appl. Mechanics 4 (2011) pp. 15-42.
74. A. M. Abd-Alla, F. S. Bayones, Effect of rotation and initial stress on generalized thermoelastic problem in an infinite circular cylinder, Applied Mathematical Science 5 (2011) pp. 2049-2076.
75. A. M. Abd-Alla, S. R. Mahmoud, Effect of rotation on thermoelastic waves in a non-homogeneous infinite cylinder, Int. J. Mathematical Analysis 4 (2010) pp. 2051-2061.
76. A. M. Abd-Alla, G. A. Yahya, Radial vibration of wave propagation in an elastic medium of a non-homogeneous orthotropic material under influence of rotation, Int. J. basic and Applied Science 11 (2011) p. 26
77. A. M. Abd-Alla, G. A. Yahya, H. S. Al-Osaimi, Perestaltic transport of micropolar fluid in a tubes ubder influence of magnetic field and rotation, Int. J. Engineering and Technology 11 (2011) p. 22.
78. A. M. Abd-Alla, G. A. Yahya, H. S. Al-Osaimi, Perestaltic transport of micropolar fluid in a tubes ubder influence of rotation, Int. J. Mechanical and Mechanics Engineering 11 (2011) p. 26.
79. A. M. ABD-ALL2, S. M. ABO-DAHAB, Effect of magnetic field on poroelastic bone model for internal remodeling, Appl. Math. Mech. -Engl. Ed., 34(7), 889–906 (2013).
80. A. M. Abd-Allaa), S. M. Abo-Dahab), and H. D. El-Shahranya), Effects of rotation and magnetic field on the nonlinear peristaltic flow of a second-order fluid in an asymmetric channel through a porous medium, Chin. Phys. B Vol. 22, No. 7 (2013) 074702
81. A. M. Abd-Alla S. M. Abo-Dahab and A. Al-Mullise, Effects of Rotation and Gravity Field on Surface Waves in Fibre-Reinforced Thermoelastic Media under Four Theories, Journal of Applied Mathematics, Vol. 2013, Article ID 562369, 21 pages
82. A.M.Abd-Alla, S.M.Abo-Dahab, H.D.El-Shahrany, Effects of rotation and initial stress on peristaltic transport of fourth grade fluid with heat transfer and induced magnetic field, Journal of Magnetism and Magnetic Materials, 349 (2014) 268–280.
83. A. M. Abd-Alla, S. M. Abo-Dahab, T. A. Al-Thamali, and S. R. Mahmoud4, Influence of the Rotation and Gravity Field on Stonely Waves in a Non-Homogeneous Orthotropic Elastic Medium, Journal of Computational and Theoretical Nanoscience, Vol. 10, 297–305, 2013.
84. A.M. Abd-Alla, S.M. Abo-Dahab and R.D. El-Semiry, Long wavelength peristaltic flow in a tubes with an endoscope subjected to magnetic field, Korea-Australia Rheology Journal, 25(2), 107-118 (May 2013).
85. A.M.Abd-Alla , S.M.Abo-Dahab , R.D.Al-Simery, Effect of rotation on peristaltic flow of a micropolar

fluid through a porous medium with anexternal magnetic field, Journal of Magnetism and Magnetic Materials, 348(2013)33–43.
86. A. M. Abd-Alla and S. R. Mahmoud, Analytical solution of wave propagation in a non-homogeneous orthotropic rotating elastic media, Journal of Mechanical Science and Technology 26 (3) (2012) 917- 926.
87. A. M. ABD-ALLA, G. A. YAHYA, Thermal stresses in infinite circular cylinder subjected to rotation, Appl. Math. Mech. -Engl. Ed., 33(8), 1059–1078 (2012).
88. A. M. Abd-Alla, S. M. Abo-Dahab and T. A. Al-Thamali, Propagation of Rayleigh waves in a rotating orthotropic material elastic half-space under initial stress and gravity, Journal of Mechanical Science and Technology 26 (9) (2012) 281-2823.
89. A.M. Abd-Alla , S.R. Mahmoud, S.M. Abo-Dahab, On problem of transient coupled thermoelasticity of an annular fin, Meccanica, (2012) 47:1295–1306.
90. S. M. Abo-Dahab, A. M. Abd-Alla and S. R. Mahmoud, Effects of voids and rotation on plane waves in generalized thermoelasticity, Journal of Mechanical Science and Technology 27 (12) (2013) 3607 3614.
91. AM Abd-Alla, SM Abo-Dahab and FS Bayones, Propagation of Rayleigh waves in magneto-thermo-elastic half-space of a homogeneous orthotropic material under the effect of rotation, initial stress and gravity field, Journal of Vibration and Control 19(9) 1395–1420 (2013).
92. A.M.Abd-Alla , S.M.Abo-Dahab , H.D.El-Shahrany , Influence of heat and mass transfer,initial stress and radially varying magnetic field on the peristaltic flow in an annulus with gravity field, Journal of Magnetism and Magnetic Materials, 363(2014)166–178.
93. S.R.Mahmoud and A.M.Abd-Alla, Influence of magnetic field on free vibrations in elastodynamic problem of orthotropic hollow sphere, Applied Mathematics and Mechanics , 35, pp 1051-1066 (2014).
94. S. M. Abo-Dahab, A. M. Abd-Alla, Effects of voids and rotation on plane waves in generalized thermoelasticity, Journal of Mechanical Science and Technology , 27, pp 3607-3614 (2014).
95. A. M. Abd-Alla, S. M. Abo-Dahab, and T. A. Al-Thamali, Love Waves in a Non-Homogeneous Orthotropic Magneto-Elastic Layer Under Initial Stress Overlying a Semi-Infinite Medium, J. Comput. Theor. Nanosci. 10, 10-18 (2013).
96. A. M. Abd-Alla, G. A. Yahya, and M. H. El-Thagafy, Effect of Rotation on a Non-Homogenous Orthotropic Hollow Elastic Cylinder, J. Comput. Theor. Nanosci. 10, 347-352 (2013).
97. A. M. Abd-Alla, G. A. Yahya, and S. R. Mahmoud, Radial Vibrations in a Non-Homogeneous Orthotropic Elastic Hollow Sphere Subjected to Rotation, J. Comput. Theor. Nanosci. 10, 455-463 (2013).
98. A. M. Abd-Alla and G. A. Yahya, Wave Propagation in a Cylindrical Human Long Wet Bone, J. Comput. Theor. Nanosci. 10, 750-755 (2013).
99. G. A. Yahya, A. M. Abd-Alla, A. M. A. Amry, and S. M. Ahmed, On Problem of the Effect of Initial and Thermal Stresses on Rayleigh Waves, J. Comput. Theor. Nanosci. 10, 974-982 (2013).
100. A.. M. El-Naggar, Z. Kishka, A. M. Abd-Alla, I. A. Abbas, S. M. Abo-Dahab, and M. Elsagheer, On the Initial Stress, Magnetic Field, Voids and Rotation Effects on Plane Waves in Generalized Thermoelasticity, J. Comput. Theor. Nanosci. 10, 1408-1417 (2013)
101. A. M. Abd-Alla, T. A. Nofal, S. M. Abo-Dahab, and A. Al-Mullise, Effect of Gravity Field on Fibre-Reinforced Generalized Thermoelastic Media, J. Comput. Theor. Nanosci., 2014, 11, 2399.
102. A. M. Abd-Alla and S. M. Abo-Dahab, Effect of Rotation on Mechanical Waves Propagation in a Dry Long Bone, J. Comput. Theor. Nanosci., 2014, 11, 2097.
103. S. M. Abo-Dahab, A. M. Abd-Alla, and A. Gohaly, On Reflection of Plane Elastic Waves Problem at a Free Surface Under Initial Stress, Magnetic Field, and Temperature Field, J. Comput. Theor. Nanosci. (2014, 11, 2171.
104. S. R. Mahmoud, A. M. Abd-Alla, E. M. Elsayed, and K. S. Al-Basyouni, Effect of the Non-

Homogenity on Wave Propagation in the Composite Infinite Cylinder, J. Comput. Theor. Nanosci., 2014, 11, 1887.
105. S. R. Mahmoud, A. M. Abd-Alla, K. S. Al-Basyouni, A. T. Ali, and E. M. Elsayed, On Problem of the Radial Vibrations in Non-Homogeneous Orthotropic Hollow Sphere Subject to the Initial Stress and Rotation, J. Comput. Theor. Nanosci., 2014, 11, 1486
106. Mohamed S. Mohamed, S. M. Abo-Dahab, and A. M. Abd-Alla, Homotopy Analysis Method for Harmonic Waves Propagation in Nonlinear Thermoelasticity with Magnetic Field and Rotation J. Comput. Theor. Nanosci., 2014, 11, 1354.
107. A. M. Abd-Alla, E. Edfawy, and S. R. Mahmoud, J. Comput. Theor. Nanosci., On Problem of the Non-Homogeneity on an Infinite Orthotropic Elastic Cylinder, 2014, 11, 945.
108. A. M. Abd-Alla, S. M. Abo-Dahab, and R. D. El-Semiry, Peristaltic Flow in Cylindrical Tubes with an Endoscope Subjected to Effect of Rotation and Magnetic Field, J. Comput. Theor. Nanosci., 2014, 11, 1040.
109. A. M. Abd-Alla, S. M. Abo-Dahab, and H. D. El-Shahrany, Effects of an Endoscope and Rotation on Peristaltic Flow in a Tube with Long Wavelength, J. Comput. Theor. Nanosci., 2014, 11, 1055.
110. A. M. Abd-Alla, G. A. Yahya, and A. M. Farhan, Thermal Stresses in a Non-Homogeneous Generalized Thermoelastic Cylinder Subjected to Rotation, J. Comput. Theor. Nanosci., 2014, 11, 847.
111. S. R. Mahmoud, A. M. Abd-Alla, E. M. Elsayed, and Arian Bahrami, Numerical Solutions of an Infinite Non-Homogeneous Thermo-Elastic Media Subject to the Rotation, J. Comput. Theor. Nanosci. 11, 2489-2494 (2014)
112. A.M. Abd-Alla, S.M. Abo-Dahab, Magnetic field and rotation effects on peristaltic transport of a Jeffrey fluid in an asymmetric channel, Journal of Magnetism and Magnetic Materials, Volume 374, 15 January 2015, Pages 680-689
113. S. M. Abo-Dahab, A. M. Abd-Alla, Effect of gravity field, initial stress and rotation on the S-waves propagation in a non-homogeneous anisotropic medium with magnetic field, Journal of Mechanical Science and Technology, ... Vol. 28, 3003-3011 (2014) .
114. A.M. Abd-Alla S.M. Abo-Dahab A. Kilicman and R.D. El-Semiry, Effect of heat and mass transfer and rotation on peristaltic flow through a porous medium with compliant walls, Multidiscipline Modeling in Materials and Structures, Vol. 10, pp. 399 – 415 (2014)
115. Mahmoud S. R. , Abd-Alla A. M. Influence of magnetic field on free vibrations in elastodynamic problem of orthotropic hollow sphere. Applied Mathematics and Mechanics 2014;35(8): 1051–1066.
116. S. M. Abo-Dahab, A. M. Abd-Alla and A. Kilicman, Propagation of p- and T-waves in solid-liquid of thermoelastic media subjected to initial stress and magnetic field in the context of CT-theory, Journal of Mechanical Science and Technology, Vol. 29, pp 579-591 (2015).
117. A. M. Abd-Alla and S. M. Abo-Dahab, Effect of an endoscope and rotation on the peristaltic flow involving a Jeffrey fluid with magnetic field, Journal of the Brazilian Society of Mechanical Sciences and Engineering, Vol. 37, pp 1277-1289 (2015). [120] A.M. Abd-Alla, S.M. Abo-Dahab, A. Kilicman, Peristaltic flow of a Jeffrey fluid under the effect of radially varying magnetic field in a tube with an endoscope, Journal of Magnetism and Magnetic Materials, Vol. 384, (2015) 79-86
118. A.M. Abd-Alla, S.M. Abo-Dahab and F.S. Bayones, Wave propagation in fibre-reinforced anisotropic thermoelastic medium subjected to gravity field, Structural Engineering and Mechanics, Vol. 53, No. 2 (2015) 76-90.
119. G.A. Yahya and A.M. Abd-Alla, Radial vibrations in an isotropic elastic hollow cylinder with rotation, Journal of Vibration and Control, 22 (13), 3123-3131, (2016).
120. S.M. Abo-Dahab, A.M. Abd-Alla and M. Marin, SV-waves incidence at interface between solid-liquid media under magnetic field, initial stress and two thermal relaxation times, Journal of Vibration and Control, 22 (15), 3426–3428 (2016).
121. A. M. Abd-Alla and S. M. Abo-Dahab , Effect of Initial Stress, Rotation and Gravity on Propagation

of the Surface Waves in Fibre-Reinforced Anisotropic Solid Elastic Media , J. Comput. Theor. Nanosci. 12, 305-315 (2015)
122. S. M. Abo-Dahab, A. M. Abd-Alla and Aftab Khan , Magnetism and rotation effect on surface waves in fibre-reinforced anisotropic general viscoelastic media of higher order, Journal of Mechanical Science and Technology, Vol. 29, pp 3381-3394 (2015).
123. SD Akbarov, MI Ismailov, M Marin, AM Abd-Alla, D Raducanu, Dynamics of the Moving Load Acting on the Hydro-elastic System Consisting of the Elastic Plate, Compressible Viscous Fluid and RigidWall , CMC: Computers, Materials & Continua 45 (2), 75-105 (2015)., 2015
124. M Marin, AM Abd-Alla, D Raducanu, SM Abo-Dahab, Structural Continuous Dependence in Micropolar Porous Bodies , CMC: Computers, Materials & Continua 45 (2), 107-125 (2015).
125. M. Marin, A. M. Abd-Alla, and S. M. Abo-Dahab, A Control of Energy Component Behavior in Thermoelasticity of Micromorphic Materials, J. Comput. Theor. Nanosci. 12, 2287-2298 (2015), 2015
126. A. M. Abd-Alla, Aftab Khan and S. M. Abo-Dahab, Rotational effect on Rayleigh, Love and Stoneley waves in fibre-reinforced anisotropic general viscoelastic media of higher and fraction orders with voids, Journal of Mechanical Science and Technology, Vol. 29, 4289-4297 (2015).
127. S.R. Mahmoud, A.M. Abd-Alla, Abdelouahed Tounsi,and M Marin, The problem of wave propagation in magneto-rotating orthotropic non-homogeneous medium, Vol. 21, Journal of Vibration and control, 3281-3291 (2015).
128. A. M. Abd-Alla, S. M. Abo-Dahab, and Maram M. Albalawi, Radially Varying Magnetic Field on the Peristaltic Flow in a Tube with an Endoscope Under the Effect of Rotation, J. Comput. Theor. Nanosci. 12, 3066-3075 (2015).
129. A. M. Abd-Alla, S. M. Abo-Dahab, and Mram. M. Albalawi, Effect of Variable Viscosity on Peristaltic Flow of Second Order Fluid with Heat and Mass Transfer, J. Comput. Theor. Nanosci. 12, 3110-3117 (2016).
130. A. Khan, S. M. Abo-Dahab and A. M. Abd-Alla, Gravitational effect on surface waves in a homogeneous fibre-reinforced anisotropic general viscoelastic media of higher and fractional order with voids, International Journal of Physical Sciences,10, 604-613 (2015).
131. S.M. Abo-Dahab, A.M. Abd-Alla and Aftab Khan, Rotational effect on Rayleigh, Love and Stoneley waves in non-homogeneous fibre-reinforced anisotropic general viscoelastic media of higher order, Structural Engineering and Mechanics, 58, 181-197(2016).
132. S.M. Abo-Dahab1, A.M. Abd-Alla and M. Marin, SV-waves incidence at interface between solid-liquid media under magnetic field, initial stress and two thermal relaxation times, Journal of Vibration and Control, Vol. 22(15) 3426–3428 (2016).
133. A.M. Abd-Alla a,c,*, S.M. Abo-Dahab , Rotation effect on peristaltic transport of a Jeffrey fluid in an asymmetric channel with gravity field , Alexandria Engineering Journal, 55, 1725–1735 (2016).
134. A.M. Abd-Alla, SM Abo-Dahab, HA Alotaibi, Effect of the Rotation on a Non-Homogeneous Infinite Elastic Cylinder of Orthotropic Material with Magnetic Field, Journal of Computational and Theoretical Nanoscience, 13 (7), 4476-4492 (2016).
135. A. M. Abd-Alla, S.M. Abo-Dahab, A. A. Kilany, SV-waves incidence at interface between solid-liquid media under electromagnetic field and initial stress in the context of three thermoelastic theories, Journal of Thermal Stresses 39 (8), 960-976 (2016).
136. A. M. Abd-Alla, M.I.A. Othman, S.M. Abo-Dahab, Reflection of Plane Waves from Electro-magneto-thermoelastic Half-space with a Dual-Phase-Lag Model, CMC-COMPUTERS MATERIALS & CONTINUA 51 (2), 63-79 (2016).
137. G. A. Yahya, M.F. Sanaa, A.M. Abd-Alla, The Effect of an Endoscope on Peristaltic Motion in a Tube with a Long Wavelength Subjected to Rotation, Journal of Computational and Theoretical Nanoscience 12 (12), 5517-5523 (2015).
138. AMAA GA Yahya, SH Elhag, MF Sanaa, AMA Amry, Effect of initial stress on wave Frequencies

of Elastic Solid with Rotation, Journal of Modern Physics, 5 (18), (2014).
139. SM Abo-Dahab, AM Abd-Alla, Green Lindsay model on reflection and refraction of p-and SV-waves at interface between solid-liquid media presence in magnetic field and initial stress, Journal of Vibration and Control, 22,, 2885-2897 (2016).
140. G.A.Yahya and A.M.Abd-Alla,Radial Vibrations in an isotropic elastic hollow cylinder with rotation, Journal of Vibration and Control, 22, 3123-3131 (2016).
141. A.M.Abd-Alla, S.M.Abo-Dahab and Hind A. Alotabi, Propagation of a thermoelastic wave in a half-space of a homogeneous isotropic material subjected to the effect of gravity field, Aechive of Civil and Mechanical Engineering, 17, 564-573 (2017).
142. A.M. Abd-Alla , S.M. Abo-Dahab and Aftab Khan, Rotational effect on thermoelastic Stoneley, Love and Rayleigh waves in fibre-reinforced anisotropic general viscoelastic media of higher order, Structures Engineering and Mechanics, Volume 61, 221-230 (2017).
143. A.M.Abd-Alla, S.M.Abo-Dahab and Hind A.Alotabi, On influence of thermal stress and magnetic field in thermoelastic half-space without energy dissipation, Journal of Thermal Stresses, 40, 213-230 (2017).
144. F.S. Bayones, A.M. Abd-Alla, Eigenvalue approach to two dimensional coupled magneto-thermoelasticity in a rotating isotropic medium, Results in Physics, 7,2941-2949 (2017).
145. S.M. Abo-Dahab, A.M. Abd-Alla, A.J. Alqarni, A two-dimensional problem with rotation and magnetic field in the context of four thermoelastic theories, Results in Physics, 7, 2742-2751 (2017).
146. A.M. Abd-Alla, SM Abo-Dahab, M Elsagheer Influence of magnetic field and heat and mass transfer on the peristaltic flow through a porous rotating medium with compliant walls, Multidiscipline Modeling in Materials and Structures, 13, 648-663 (2017).
147. A.M. Abd-Alla, S.M. Abo-Dahab, Abdullah Alsharif, Peristaltic transport of a Jeffrey fluid under the effect of gravity field and rotation in an asymmetric channel with magnetic field, Multidiscipline Modeling in Materials and Structures, 13, 522-538 (2017).
148. A. M. Abd-Alla, Aftab Khan, S. M. Abo-Dahab, Rotational Effect on thermoelastic Stoneley, Love and Rayleigh waves in Fibre-reinforced Anisotropic General Viscoelastic Media of Higher Order,Computers Materials and Contiua, 53, No.1, (2017).
149. F. S. Bayones, A. M. Abd-Alla, Plane vibrations in a transversely isotropic infinite hollow cylinder under effect of the rotation and magnetic field , Computer Modeling in Engineering & Sciences, 113,No. 2, 155-175 (2017).
150. F.S. Bayones, AM Abd-Alla, Eigenvalue approach to coupled thermoelasticity in a rotating isotropic medium, Results in Physics 8, 7-15 (2018).
151. A.M.Abd-Alla, S.M.Abo-Dahab, Effect of rotation and gravity on the reflection of P-waves from thermo-magneto-microstretch medium in the context of three phase lag model with initial stress, Microsystem Technologies, 24 (8), 3357-3369 (2018).
152. A.M. Farhan, A.M. Abd-Alla, M.A. Khder, Solution of a problem of thermal stresses in a non-homogeneous thermoelastic infinite medium of isotropic material by finite difference method, Journal of Ocean Engineering and Science, 4, 256–262 (2019).
153. S.M. Abo-Dahab, A.M. Abd-Alla, S.M. Ahmed, M.M.Rashid, Effect of magnetic field and three-phase-lag in a rotating micropolar thermo-viscoelastic half-space homogeneous isotropic material, Waves in Random and Complex Media, 1-24, (In Press), (2019).
154. AM Abd-Alla, SM Abo-Dahab, SM Ahmed, MM Rashid, A magneto–thermo-elastic problem for a half-space without energy dissipation subjected to rotation and gravity field, Journal of Ocean Engineering and Science, 55–63 (2019).
155. AM Abd-Alla, SM Abo-Dahab, SM Ahmed, MM Rashid, Rayleigh surface wave propagation in an orthotropic rotating magneto-thermoelastic medium subjected to gravity and initial stress, Mechanics of Advanced Materials and Structures, 1-12 (In Press), (2019).
156. SM Abo-Dahab, AM Abd-Alla, AA Kilany, Effects of rotation and gravity on an electro-magneto-

thermoelastic medium with diffusion and voids by using the Lord-Shulman and dual-phase-lag models, Applied Mathematics and Mechanics,), 40 (8), 1135–1154 (2019).
157. AM Abd-Alla, SM Abo-Dahab, SM Ahmed, MM Rashid, Effect of a magnetic field on the propagation of waves in a homogeneous isotropic thermoelastic half-space, 22, 81-91 (2019).
158. SM Abo-Dahab and AM Abd-Alla, Dual-phase-lag model on magneto-thermoelastic rotating medium with voids and diffusion under the effect of initial stress and gravity, Heat Transfer, (In Press), (2020).
159. SM Abo-Dahab, Nahed S Hussein, AM Abd-Alla, HA Alshehri, Thermal stresses for a generalized magneto-thermoelasticity on non-homogeneous orthotropic continuum solid with a spherical cavity, Mechanics Based Design of Structures and Machines, In Press (2020).
160. F.S. Bayones, A. Abd-Alla2, R. Alfatta and H. Al-Nefaie, "Propagation of a Thermoelastic Wave in a Half-Space of a Homogeneous Isotropic Material Subjected to the Effect of Rotation and Initial Stress," CMC-Computers, Materials & Continua, vol.62, No.2, pp. 551-567, 2020.
161. A. M. Abd-Alla, SM Abo-Dahab, SM Ahmed, MM Rashid, Effect of a Magnetic Field on the Propagation of Waves in a Homogeneous Isotropic Thermoelastic Half-Space, Physical Mesomechanics 23 (1), 54-65 (2020).
162. S. M. Abo-Dahab, A. M. Abd-Alla, S. Alqosami and Hanan S. Gafel ANALYTICAL SOLUTION FOR ROTATING SURFACE WAVES REMODELING IN LONG BONES UNDER MAGNETIC FIELD, JP Journal of Heat and Mass Transfer, Volume 20, Number 1, Pages 1-30 (2020).
163. AM Abd-Alla, H Abu-Zinadah, SM Abo-Dahab, J Bouslimi, M Omri, Wave Propagation Model in a Human Long Poroelastic Bone under Effect of Magnetic Field and Rotation, CMC-COMPUTERS MATERIALS & CONTINUA 68 (2), 1485-1504 (2021).
164. FS Bayones, AM Abd-Alla, AM Farhan, Numerical Solution of a Problem of Thermal Stresses of a Magnetothermoelastic Cylinder with Rotation by Finite-Difference Method, CMC-COMPUTERS MATERIALS & CONTINUA 68 (3), 3339-3352 (2021).
165. AM Abd-Alla, SM Abo-Dahab, MA Abdelhafez, AM Farhan, Rotational Effect on the Propagation of Waves in a Magneto-Micropolar Thermoelastic Medium, CMC-COMPUTERS MATERIALS & CONTINUA 69 (1), 205-220 (2021).
166. G.A. Yahya, A. M. Abd-Alla, S. El-Bendary, Radial vibrations on an elastic medium subjected to rotation and magnetic field, Mechanics Based Design of Structures and Machines, 1-14, In Press (2021).
167. F.S. Bayones, A. M. Abd-Alla, S. M. Abo-Dahab, A.J. Alqarni, A Saad, Thermoelastic medium in the context of four theories subjected to gravity field and laser pulse, Waves in Random and Complex Media, 1-22, In Press (2021).
168. AM Abd-Alla, SM Abo-Dahab, MA Abdelhafez, EN Thabet, Effects of heat transfer and the endoscope on Jeffrey fluid peristaltic flow in tubes, Multidiscipline Modeling in Materials and Structures, Vol. 17 No. 5, pp. 895-914 (2021).
169. F.S. Bayones, A.M. Abd-Alla, E. N. Thabet, Effect of Heat and Mass Transfer and Magnetic Field on Peristaltic Flow of a Fractional Maxwell Fluid in a Tube, Complexity, vol. 2021 (2021).
170. SM Abo-Dahab, A.M. Abd-Alla, A Alsharif, H Alotaibi, On generalized waves reflection in a micropolar thermodiffusion elastic half-space under initial stress and electromagnetic field, Mechanics Based Design of Structures and Machines, 1-18, In Press (2021).
171. J Bouslimi, MA Abdelhafez, AM Abd-Alla, SM Abo-Dahab, KH Mahmoud, MHD Mixed Convection Nanofluid Flow over Convectively Heated Nonlinear due to an Extending Surface with Soret Effect, Complexity, vol. 2021 (2021).
172. FS Bayones, SM Abo-Dahab, AM Abd-Alla, SH Elhag, AA Kilany, , Initial Stress and Gravity on P-Wave Reflection from Electromagneto-Thermo-Microstretch Medium in the Context of Three-Phase Lag Model, Complexity, vol. 2021 (2021).
173. AM Abd-Alla, SM Abo-Dahab, SM Ahmed, MM Rashid, Effect of magnetic field and voids on

Rayleigh waves in a nonlocal thermoelastic half-space, The Journal of Strain Analysis for Engineering Design, Vol. 57(1) 61–72 (2022).
174. FS Bayones, SM Abo-Dahab, NS Hussein, AM Abd-Alla, HA Alshehri, Magneto-Thermoelasticity with Thermal Shock Considering Two Temperatures, CMC-COMPUTERS MATERIALS & CONTINUA 70 (2), 3365-3381 (2022).
175. S. H. Elhag, Fatimah S. Bayones, A. A. Kilany, S. M. Abo-Dahab, Emad A.-B. Abdel-Salam, M. Elsagheer, and A. M. Abd-Alla, Noninteger Derivative Order Analysis on Plane Wave Reflection from Electro-Magneto-Thermo-Microstretch Medium with a Gravity Field within the Three-Phase Lag Model, Advances in Mathematical PhysicsVolume 2022 (2022).
176. F.S. Bayones, A.M. Abd-Alla, E.N. Thabet, Magnetized dissipative Soret effect on nonlinear radiative Maxwell nanofluid flow with porosity, chemical reaction and Joule heating, Waves in Random and Complex Media, 1-19, In Press (2022).