



Faculty of Science
mathematics department

No.	Title	Authors	Title Journals	Impact Factor
1	LS model on electro-magneto-thermoelastic response of an infinite functionally graded cylinder	Ibrahim A. Abbas , Ashraf M. Zenkour .	Composite Structures 96 (2013) 89-96	2.240
2	Bending Of Fgm Plates By A Simplified Four-Unknown Shear And Normal Deformations Theory	Ashraf M. Zenkour	International Journal Of Applied Mechanics Vol. 5, No. 2 (2013) 1350020 (15 Pages)	1.483
3	Thermoelastic Bending Response Of Angel-Ply Composite Plates Resting On Elastic Foundations	Ashraf M. Zenkour and Ibrahim A. Abbas.	Advanced Composites Letters, Vol. 22, Iss. 2, 2013	0.432
4	On the simple and mixed first-order theories for functionally graded plates resting on elastic foundations	A.M. Zenkour • A.F. Radwan	Meccanica (2013) 48:1501-1516	1.747
5	Axiomatic/asymptotic evaluation of multilayered plate theories by using single and multi-points error criteria	Daoud S. Mashat, Erasmio Carrera , Ashraf M. Zenkour , Sadah A. Al Khateeb	Composite Structures 106 (2013) 393-406	2.231
6	Bending of cross-ply laminated plates resting on elastic foundations under thermo-mechanical loading	A. M. Zenkour • M. N. M. Allam • A. F. Radwan	Int J Mech Mater Des (2013) 9:239-251	0.517
7	A simple four-unknown refined theory for bending analysis of functionally graded plates	Ashraf M. Zenkour	Applied Mathematical Modelling 37 (2013) 9041-9051	1.706
8	The effect of fractional thermo elasticity on a two dimensional problem of a mode I crack in a rotating fiber-reinforced Thermo elastic medium	Ahmed E. Abou elregal and Ashraf M. Zenkour	Chin. Phys. B Vol. 22, No. 10 (2013) 108102	1.376
9	Analysis of Sandwich Plates by Generalized Differential Quadrature Method	A. J. M. Ferreira, E. Viola, F. Tornabene, N. Fantuzzi, and A.M. Zenkour	Hindawi Publishing Corporation Mathematical Problems In Engineering Volume 2013, Article Id 964367, 12 Pages	1.383



10	Natural Frequencies of Shear Deformable Plates by Polyharmonic Splines	A. J. M. Ferreira and A.M. Zenkour	Hindawi Publishing Corporation Journal Of Applied Mathematics Volume 2013, Articleid 284208, 7 Pages	0.834
11	Bending analysis of functionally graded sandwich plates using a simple four-unknown shear and normal deformations theory	Ashraf M Zenkour	Journal Of Sandwich Structures And Materials 15(6) 629–656	0.561
12	Analysis of Laminated Shells by Murakami's Zig-Zag Theory and Radial Basis Functions Collocation	D. A. Maturi,1 A. J. M. Ferreira, A. M. Zenkour , and D. S. Mashat	Hindawi Publishing Corporation Journal Of Applied Mathematics Volume 2013, Article Id 123465, 14 Pages	0.834
13	Scattering from Layered-Structures with Rough Boundaries	Samira Tadros Bishay , Osama M. Abo-Seida & Hanan Shehata Shoeib	Electromagnetics, 33:491–506, 2013, Issn: 0272-6343 Print/1532-527x Online	0.789
14	Wave propagation in air from a vertical magnetic dipole located in three roughlayered structures	S. T. Bishay , O. M. Abo-Seida & H. S. Shoeib	Journal of Electromagnetic Waves and Applications, 2013	2.965
15	Buckling and free vibration of exponentially graded sandwich plates resting on elastic foundations under various boundary conditions	Mohammed Sobhy	Composite Structures 99 (2013) 76–87	
16	Dynamic bending response of thermoelastic functionally graded plates resting on elastic foundations	A.M. Zenkour, Mohammed Sobhy	Aerospace Science And Technology 29 (2013) 7–17	
17	Nonlocal elasticity theory for thermal buckling of nanoplates lying on Winkler–Pasternak elastic substrate medium	A.M.Zenkour , Mohammed Sobhy	Physicae53(2013)251–259	
18	Small scale effect on hygro-thermo-mechanical bending of nanoplates embedded in an elastic medium	Ebraheem O. Alzahrani , Ashraf M. Zenkour , Mohammed Sobhy	Composite Structures 105 (2013) 163–172	
19	Thermo mechanical bending and free vibration of single-layered graphene sheets embedded in an elastic medium	Mohammed Sobhy	Physica E 56 (2014) 400–409	



كلية العلوم ٢٠١٤/٢٠١٣



20	Covering – based rough fuzzy setys and binary relation	A.M.Kozae, S.A. El-Sheikh and R. Mareay	Journal Of Intelligent & Fuzzy Systems 26,(2014) 1031-1038	0.788
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