



Faculty of Science
mathematics department

١	Q-symmetry and conditional Q-symmetries for Drinfel'd–Sokolov–Wilson system	Hassan A. Zedana,, M. Alghamd and Seham Sh. Tantawy	Mathematical Methods in the Applied Sciences, Volume 38, Issue 17, pages 4357–4364, 30 November 2015, ISSN: 0170-4214	٠.٩١٨
٢	Invariance of the nonlinear generalized NLS equation under the Lie group of scaling transformations	Hassan A. Zedan · Seham Shapll · Amira Abdel-Malek	NONLINEAR DYNAMICS ISSN: 0924-090X, (2015) 82:2001–2005	٢.٨٤٩
٣	A novel class of solutions for the (2 + 1)-dimensional higher-order Broer–Kaup system	Hassan Zedan, Mohamed M. Alshamrani	Computers and Mathematics with Applications 69 (2015) 67– 80, ISSN: 0898-1221	١.٦٩٧
٤	Q-Symmetry and Conditional Q-Symmetries for Boussinesq Equation	Hassan A. Zedan and Seham Sh. Tantawy	Abstract and Applied Analysis Volume 2014, Article ID 175982, 4 pages, ٣٣٧٥-١٠٨٥	١.٢٧٤ ٢٠١٣
٥	Haar Wavelet Method for the System of Integral Equations	Hassan A. Zedan and Eman Alaidarous	Abstract and Applied Analysis Volume 2014, Article ID 418909, 9 pages	١.٢٧٤ ٢٠١٣
٦	Q-symmetry and conditional Q-symmetries for Drinfel'd–Sokolov–Wilson system	Hassan A. Zedana,, M. Alghamd and Seham Sh. Tantawy	Mathematical Methods in the Applied Sciences, Volume 38, Issue 17, pages 4357–4364, 30 November 2015, ISSN: 0170-4214	٠.٩١٨
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8	Formation of ground and excited hydrogen atoms in proton–caesium inelastic scattering	S.A. Elkilany	CANADIAN JOURNAL OF PHYSICS, 93: 1283–1291 (2015)	٠.٩٦٤
9	Formation of hydrogen atom in 2s state in proton–sodium inelastic scattering	Sabbah A. Elkilany	Chin. Phys. B Vol. 24, No. 3 (2015) 033402, ISSN:1674- 1056	١.٦٠٣



10	Topological Approach to Multivalued Information System	R. Mareay	Theory Comput Syst (2015) 56:406–417, ISSN:1433-0490	٠.٥٣٣
11	A simplified hear and normal deformations nonlocal ltheory for bending o fnano beams in thermal environment	Ashraf M .Zenkour, Mohammed Sobhy	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES ISSN: 1386-9477, 70(2015)121–128	٢.٠٠٠
12	Hygrothermal deformation of orthotropic nanoplates based on the state-space concept	Mohammed Sobhy	COMPOSITES PART B-ENGINEERING ISSN 1359-8368, 79 (2015) 224e235	٢.٩٨٣
13	A comprehensive study on FGM nanoplates embedded in an elastic medium	Mohammed Sobhy	COMPOSITE STRUCTURES ISSN: 0263-8223, 134 (2015) 966–980	٣.٣١٨
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16	Effects of phase-lags in a thermoviscoelastic orthotropic continuum with a cylindrical hole and variable thermal conductivity	A. M. ZENKOUR A. E. ABOUELREGAL	ARCHIVES OF MECHANICS ISSN 0373-2029, 67, 6, pp. 457–475, Warszawa 2015	٠.٦٥٤
17	NONLOCAL THERMOELASTICITY THEORY FOR THERMAL-SHOCK NANOBEAMS WITH TEMPERATURE-DEPENDENT THERMAL CONDUCTIVITY	A. M. Zenkour , A. E. Abouelregal, K. A. Alnefaie, X. Zhang, and E. C. Aifantis	JOURNAL OF THERMAL STRESSES ISSN: 0149-5739, 38: 1049–1067, 2015	٠.٩٩٢
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24	Analysis of Three-Layer Composite Shells by a New Layerwise Theory and Radial Basis Functions Collocation, Accounting for Through-the-Thickness Deformations	D. A. MATURI, A. J. M. FERREIRA, A. M. ZENKOUR and D. S. MASHAT	<i>Mechanics of Advanced Materials and Structures</i> (2015) 22 , 722–730, ISSN: 1537-6494	٠.٧٧٣
25	Thermoelastic interaction in functionally graded nanobeams subjected to time-dependent heat flux	Ashraf M. Zenkour and Ahmed E. Abouelregal	Steel and Composite Structures , Vol. 18, No. 4 (2015) 909-924,ISSN: 1229-9367	٠.٩٦٤
26	VIBRATIONAL ANALYSIS FOR AN AXIALLY MOVING MICROBEAM WITH TWO TEMPERATURES	E. Carrera, A. E. Abouelregal, A. Abbas and A. M. Zenkour ⁴	JOURNAL OF THERMAL STRESSES ISSN,38: 569–590, 2015	٠.٩٩٢
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35	Static analyses of FGM beams by various theories and finite elements	M. Filippi , E. Carrera , A.M. Zenkour	COMPOSITES PART B-ENGINEERING ISSN 1359-8368	٢.٩٨٣
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A simplified four-unknown shear and normal deformations theory for bidirectional laminated plates

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