

School of Mathematics : 12.2.2014
Category: Journal Article
Submission Type: DoE Submissible

PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-014530	Masemola P, Kara AH , Biswas A (2013). Optical solitons and conservation laws for driven nonlinear Schrodinger's equation with linear attenuation and detuning . <i>OPTICS AND LASER TECHNOLOGY</i> , 45 pp. 402 - 405.	0,67	0,67
Wits-2014 001547	Bokhari A, Johnpillai A, Kara AH, Mahomed FM , Zaman F (2013). Classification of static spherically symmetric spacetimes of Noether symmetries . <i>INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS</i> , 52 pp. 3534 - 3542.	0,20	0,40
Wits-2014 002086	Brennan CA , Mansour T, Mphako-Banda EG (2013). Tutte polynomials of wheels via generating functions. <i>Bulletin of the Iranian Mathematical Society</i> , 39 (5), pp. 881 - 891.	0,33	0,67
Wits-2014 002118	Grobbelaar M (2013). Stabilization of a thermoelastic Mindlin-Timoshenko plate model revisited. <i>ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK</i> , 64 pp. 1305 - 1325.	1,00	1,00
Wits-2014 002123	Kuo WC, Vardy JJ, Watson BA (2013). Mixingales on Riesz spaces. <i>JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS</i> , 402 pp. 731 - 738.	0,33	1,00
Wits-2014 002124	Moller MH, Zinsou B (2013). Asymptotics of the eigenvalues of a self-adjoint fourth order boundary value problem with four eigenvalue parameter dependent boundary conditions. <i>Journal of Function Spaces and Applications</i> , 2013 (280970), pp. 1 - 8.	0,50	1,00
Wits-2014 002126	Morris RM, Kara AH , Biswas A (2013). Soliton solution and conservation laws of the Zakharov equation in plasmas with power law nonlinearity. <i>Nonlinear Analysis-Modelling and Control</i> , 18 (2), pp. 153 - 159.	0,67	1,00
Wits-2014 002129	Masemola P, Kara AH , Fakhar K (2013). Reductions and new exact solutions of the density-dependent Nagumo and Fisher equations. <i>JOURNAL OF ENGINEERING MATHEMATICS</i> , 82 pp. 77 - 83.	0,67	0,67
Wits-2014 002270	Blecher A, Brennan CA , Mansour T (2013). Compositions as non-alternating sequences of partitions . <i>Applicable Analysis and Discrete Mathematics</i> , 7 pp. 211 - 224.	0,33	0,67
Wits-2014 004204	Botha GJ, Zelenyuk Y (2013). On closed left ideal decompositions of G. <i>TOPOLOGY AND ITS APPLICATIONS</i> , 160 pp. 133 - 136.	0,50	1,00
Wits-2014 004485	Currie S, Love AD (2013). Difference boundary value problem hierarchies and the forward Crum transformation . <i>Advances in Difference Equations</i> , 2013 (311), pp. 1 - 22.	0,50	1,00

Wits-2014 004486	Hockman M, Van Rensburg RB (2013). Simple continued fractions and cutting sequences. <i>Quaestiones Mathematicae</i> , 36 pp. 1 - 12.	1,00	1,00
Wits-2014 004520	Johnpillai A, Kara AH , Biswas A (2013). Exact group invariant solutions and conservation laws of the complex modified Korteweg-de Vries equation . <i>ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES</i> , 68a pp. 510 - 514.	0,33	0,33
Wits-2014 004588	Boxall GJ , Bradley-Williams D, Kestner C, Omar Aziz A, Penazzi D (2013). Weak one-basedness . <i>Notre Dame Journal of Formal Logic</i> , 54 (3-4), pp. 435 - 448.	0,20	0,20
Wits-2014 004618	Blecher A, Knopfmacher A , Luca F, Wagner S (2013). On sums of distinct odd squares arising from a class of totally symmetric plane partitions . <i>Bulletin Mathematique de la Societe des Sciences Mathematiques de Roumanie</i> , 56(104) (2), pp. 163 - 171.	0,25	0,50
Wits-2014 004620	Bokhari A, Zaman F, Narain R, Kara AH (2013). Symmetry structures and conservation laws of Petrov III and Papapetrou metrics . <i>INDIAN JOURNAL OF PHYSICS</i> , 87 (7), pp. 717 - 722.	0,25	0,25
Wits-2014 004621	Jamal S, Kara AH , Bokhari A, Zaman F (2013). The symmetries and conservation laws of some Gordon-type equations in Milne space-time . <i>PRAMANA-JOURNAL OF PHYSICS</i> , 80 (5), pp. 739 - 755.	0,50	0,50
Wits-2014 004623	Morris RM, Masemola P, Kara AH , Biswas A (2013). On symmetries, reductions, conservation laws and conserved quantities of optical solitons with inter-modal dispersion . <i>OPTIK</i> , 124 pp. 5116 - 5123.	0,75	0,75
Wits-2014 004628	Johnpillai A, Kara AH , Biswas A (2013). Symmetry reduction, exact group-invariant solutions and conservation laws of the Benjamin-Bona-Mahoney equation . <i>APPLIED MATHEMATICS LETTERS</i> , 26 pp. 376 - 381.	0,33	0,33
Wits-2014 004630	Fakhar K, Kara AH, Morris RM , Hayat T (2013). Similarity solutions and conservation laws for rotating flows of an Oldroyd-B fluid . <i>INDIAN JOURNAL OF PHYSICS</i> , 87 (10), pp. 1035 - 1040.	0,50	0,50
Wits-2014 004632	Biswas A, Kara AH , Savescu M, Bokhari A, Zaman F (2013). Solitons and conservation laws in neurosciences . <i>International Journal of Biomathematics</i> , 6 (3), pp. 1350017-1 - 1350017-7.	0,20	0,20
Wits-2014 004635	Biswas A, Krishnan E, Suarez P, Kara AH , Kumar S (2013). Solitary waves and conservation laws of Bona-Chen equations . <i>INDIAN JOURNAL OF PHYSICS</i> , 87 (2), pp. 169 - 175.	0,20	0,20
Wits-2014 004636	Krishnan E, Kara AH , Kumar S, Biswas A (2013). Topological solitons, cnoidal waves and conservation laws of coupled wave equations . <i>INDIAN JOURNAL OF PHYSICS</i> , 87 (12), pp. 1233 - 1241.	0,25	0,25
Wits-2014 004639	Shabbir G, Kara AH , Qureshi M	0,33	0,33

004652	(2013). Proper projective symmetry in Bianchi type I space-times . <i>European Physical Journal Plus</i> , 128 (130), pp. 1 - 5.		
Wits-2014 004652	Moller MH, Zinsou B (2013). Sixth order differential operators with eigenvalue dependent boundary conditions . <i>Applicable Analysis and Discrete Mathematics</i> , 7 pp. 378 - 389.	0,50	1,00
Wits-2014 004736	Morris RM, Kara AH (2013). Double reductions/analysis of the Drinfeld-Sokolov-Wilson equation . <i>APPLIED MATHEMATICS AND COMPUTATION</i> , 219 pp. 6473 - 6483.	1,00	1,00
Wits-2014 004737	Biswas A, Kara AH , Bokhari A, Zaman F (2013). Solitons and conservation laws of Klein-Gordon equation with power law and log law nonlinearities . <i>NONLINEAR DYNAMICS</i> , 73 pp. 2191 - 2196.	0,25	0,25
Wits-2014 004738	Currie S, Love AD (2013). Hierarchies of difference boundary value problems continued . <i>JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS</i> , 19 (11), pp. 1807 - 1827.	0,50	1,00
		13,04	17,67

School of Mathematics

Category: Conference Contribution

Submission Type: DoE Submissible

PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2014 004741	Ndogmo J Some control variates for exotic options , Budapest, Hungary <i>IC-MSQUARE 2012: International Conference on Mathematical Modelling in Physical Sciences: Journal of Physics: Conference Series Volume 410</i> , 03-Sep-2012 - 07-Sep-2012: pp 1 - 5, Journal of Physics: Conference Series 410 (2013) 012111.	1,00	1,00

Applicable Analysis And Number Theory Research Uni : 17.2.2014

Category: Journal Article

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PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2014 002086	Brennan CA, Mansour T, Mphako-Banda EG (2013). Tutte polynomials of wheels via generating functions. <i>Bulletin of the Iranian Mathematical Society</i> , 39 (5), pp. 881 - 891.	0,33	0,67
Wits-2014 002119	Binding P, Browne P, Watson BA (2013). Eigencurves of non-definite Sturm-Liouville problems for the p -Laplacian . <i>JOURNAL OF DIFFERENTIAL EQUATIONS</i> , 255 pp. 2751 - 2777.	0,33	0,33
Wits-2014 002121	Munagi AO	1,00	1,00

002121	(2013). Alternating subsets and successions. <i>ARS COMBINATORIA</i> , 110 pp. 77 - 86.		
Wits-2014 002122	Brennan CA, Knopfmacher A (2013). The height of two types of generalised Motzkin paths. <i>JOURNAL OF STATISTICAL PLANNING AND INFERENCE</i> , 143 pp. 2112 - 2120.	1,00	1,00
Wits-2014 002123	Kuo WC, Vardy JJ, Watson BA (2013). Mixingales on Riesz spaces. <i>JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS</i> , 402 pp. 731 - 738.	0,33	1,00
Wits-2014 002124	Moller MH, Zinsou B (2013). Asymptotics of the eigenvalues of a self-adjoint fourth order boundary value problem with four eigenvalue parameter dependent boundary conditions. <i>Journal of Function Spaces and Applications</i> , 2013 (280970), pp. 1 - 8.	0,50	1,00
Wits-2014 002264	Bau S , Beardon A (2013). The metric dimension of metric spaces . <i>Computational Methods and Function Theory</i> , 13 pp. 295 - 305.	0,50	0,50
Wits-2014 002270	Blecher A, Brennan CA , Mansour T (2013). Compositions as non-alternating sequences of partitions . <i>Applicable Analysis and Discrete Mathematics</i> , 7 pp. 211 - 224.	0,33	0,67
Wits-2014 004204	Botha GJ, Zelenyuk Y (2013). On closed left ideal decompositions of G . <i>TOPOLOGY AND ITS APPLICATIONS</i> , 160 pp. 133 - 136.	0,50	1,00
Wits-2014 004206	Zelenyuk Y (2013). Closed left ideal decompositions of $U(G)$. <i>CANADIAN MATHEMATICAL BULLETIN-BULLETIN CANADIEN DE MATHEMATIQUES</i> , 56 (2), pp. 442 - 448.	1,00	1,00
Wits-2014 004484	Currie S , Nowaczyk M, Watson BA (2013). Forward scattering on the line with a transfer condition. <i>Boundary Value Problems</i> , 2013 (255), pp. 1 - 14.	0,67	0,67
Wits-2014 004485	Currie S, Love AD (2013). Difference boundary value problem hierarchies and the forward Crum transformation . <i>Advances in Difference Equations</i> , 2013 (311), pp. 1 - 22.	0,50	1,00
Wits-2014 004518	Zelenyuk Y (2013). On principal left ideals of βG . <i>New York Journal of Mathematics</i> , 19 pp. 439 - 442.	1,00	1,00
Wits-2014 004521	Brennan CA, Knopfmacher A (2013). Descent variation of samples of geometric random variables . <i>DISCRETE MATHEMATICS AND THEORETICAL COMPUTER SCIENCE</i> , 15 (2), pp. 1 - 12.	1,00	1,00
Wits-2014 004589	Zelenyuk Y (2013). Principal left ideals of βG may be both minimal and maximal . <i>BULLETIN OF THE LONDON MATHEMATICAL SOCIETY</i> , 45 (3), pp. 613 - 617.	1,00	1,00
Wits-2014 004618	Blecher A, Knopfmacher A , Luca F, Wagner S (2013). On sums of distinct odd squares arising from a class of totally symmetric plane partitions . <i>Bulletin Mathematique de la Societe des Sciences Mathematiques de Roumanie</i> , 56(104) (2), pp. 163 - 171.	0,25	0,50

Wits-2014 004642	Dales H, Strauss D, Zelenyuk Y, Zelenyuk Y (2013). Radicals of some semigroup algebras . <i>SEMIGROUP FORUM</i> , 87 pp. 80 - 96.	0,50	0,50
Wits-2014 004643	Keyantuo V, Zelenyuk Y (2013). Strongly complete almost maximal left invariant topologies on groups . <i>TOPOLOGY AND ITS APPLICATIONS</i> , 160 pp. 1494 - 1500.	0,50	0,50
Wits-2014 004644	Hindman N, Strauss D, Zelenyuk Y (2013). Longer chains of idempotents in βG . <i>FUNDAMENTA MATHEMATICAE</i> , 220 pp. 243 - 261.	0,33	0,33
Wits-2014 004652	Moller MH, Zinsou B (2013). Sixth order differential operators with eigenvalue dependent boundary conditions . <i>Applicable Analysis and Discrete Mathematics</i> , 7 pp. 378 - 389.	0,50	1,00
Wits-2014 004738	Currie S, Love AD (2013). Hierarchies of difference boundary value problems continued . <i>JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS</i> , 19 (11), pp. 1807 - 1827.	0,50	1,00
Wits-2014 005556	Akiyama S, Luca F (2013). On the least common multiple of Lucas subsequences . <i>ACTA ARITHMETICA</i> , 161 (4), pp. 327 - 349.	0,50	0,50
Wits-2014 005746	Knopfmacher A , Robbins N (2013). Some properties of dihedral compositions . <i>UTILITAS MATHEMATICA</i> , 92 pp. 207 - 220.	0,50	0,50
		13,57	17,67

Applicable Analysis And Number Theory Research Uni

Category: Journal Article

Submission Type: Other

PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2014 002268	Bau S (2013). Cycles containing a subset of a given set of elements in cubic graphs . <i>Journal of Mathematical Research with Applications</i> , 33 pp. 543 - 550.	1,00	1,00

Applicable Analysis And Number Theory Research Uni

Category: Conference Contribution

Submission Type: DoE Submissible

PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2014 004658	Munagi AO Primary classes of compositions of numbers , Eger, Hungary <i>Annales Mathematicae et Informatica: Vol. 41 (2013)</i>	1,00	1,00

	<i>Proceedings of the 15th International Conference on Fibonacci Numbers and Their Applications</i> , 25-Jun-2012 - 30-Jun-2012: pp 193 - 204		
Wits-2014 004744	Knopfmacher A, Munagi AO Smallest parts in compositions , Waterloo, Canada <i>Advances in Combinatorics</i> , 26-May-2011 - 29-May-2011: pp 197 - 207	1,00	1,00