

<b>School of Mathematics</b>			
<b>Category: Journal Article</b>			
<b>Submission Type: DoE Submissible</b>			
PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-013976	Ebadi G, <b>Kara AH</b> , Petkovic M, Yildirim A, Biswas A	0,20	0,20
	(2012). Solitons and conserved quantities of the Ito equation. <i>Proceedings of the Romanian Academy Series A-Mathematics Physics Technical Sciences Information Science</i> , 13 (3), pp. 215 - 224.		
Wits-014533	<b>Kara AH</b> , Triki H, Biswas A	0,33	0,33
	(2012). Conservation laws of the Bretherton equation. <i>Applied Mathematics &amp; Information Sciences</i> , 6 (3), pp. 619 - 628.		
Wits-014539	<b>Ait JM</b>	1,00	1,00
	(2012). Transitive conformal holonomy groups . <i>Central European Journal of Mathematics</i> , 10 (5), pp. 1710 - 1720.		
Wits-014544	<b>Ndogmo J</b>	1,00	1,00
	(2012). Casimir operators and nilpotent radicals . <i>CANADIAN MATHEMATICAL BULLETIN-BULLETIN CANADIEN DE MATHEMATIQUES</i> , 55 pp. 579 - 585.		
Wits-014553	<b>Jamal S, Kara AH</b> , Bokhari A	0,67	0,67
	(2012). Symmetries, conservation laws, reductions, and exact solutions for the Klein-Gordon equation in de Sitter space-times . <i>CANADIAN JOURNAL OF PHYSICS</i> , 90 pp. 667 - 674.		
Wits-014557	Beardon A, <b>Hockman M</b> , Short I	0,33	0,33
	(2012). Geodesic continued fractions . <i>MICHIGAN MATHEMATICAL JOURNAL</i> , 61 pp. 133 - 150.		
Wits-014562	<b>Dahunsi FM, Dwolatzky B, Love AD</b>	0,33	1,00
	(2012). Effect of distance on the accuracy of RSS-based geometric positioning methods . <i>SAIEE Africa Research Journal (Transactions of the South African Institute of Electrical Engineers)</i> , 103 (2), pp. 77 - 82.		
Wits-014563	<b>Grobbelaar M</b>	1,00	1,00
	(2012). The role of magnetic fields in the strong stabilization of a hybrid magneto-elastic structure . <i>MATHEMATICAL METHODS IN THE APPLIED SCIENCES</i> , 35 pp. 228 - 237.		
Wits-014564	<b>Blecher A, Brennan CA</b> , Mansour T	0,33	0,67
	(2012). Compositions of n as alternating sequences of weakly increasing and strictly decreasing partitions . <i>Central European Journal of Mathematics</i> , 10 (2), pp. 788 - 796.		
Wits-014565	Biswas A, <b>Masemola P, Morris RM, Kara AH</b>	0,75	0,75
	(2012). On the invariances, conservation laws, and conserved quantities of the damped-driven nonlinear Schrodinger equation . <i>CANADIAN JOURNAL OF PHYSICS</i> , 90 pp. 199 - 206.		
Wits-014566	<b>Jamal S, Kara AH</b>	1,00	1,00

U14500	(2012). New higher-order conservation laws of some classes of wave and Gordon-type equations . <i>NONLINEAR DYNAMICS</i> , 67 pp. 97 - 102.		
Wits-014567	Fakhar K, <b>Kara AH</b> (2012). On the reduction of Chazy classes and other third-order differential equations related to boundary layer flow models . <i>CHINESE PHYSICS LETTERS</i> , 29 (6), pp. 1 - 4.	0,50	0,50
Wits-015672	<b>Wilson NC, Kara AH</b> (2012). Equivalent Lagrangians: generalization, transformation maps, and applications . <i>Journal of Applied Mathematics</i> , 2012 pp. 1 - 19.	1,00	1,00
Wits-016054	<b>Ndogmo J</b> (2012). Equivalence transformations of the Euler-Bernoulli equation. <i>NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS</i> , 13 pp. 2172 - 2177.	1,00	1,00
Wits-016056	<b>Ndogmo J</b> (2012). On dummy variables of structure-preserving transformations. <i>MATHEMATICAL PROBLEMS IN ENGINEERING</i> , 2012 (Article ID 312658), pp. 1 - 11.	1,00	1,00
Wits-016057	<b>Ndogmo J</b> (2012). Some results on equivalence groups. <i>Journal of Applied Mathematics</i> , 2012 (Article ID 484805), pp. 1 - 11.	1,00	1,00
Wits-016059	<b>Morris RM, Kara AH, Chowdhury A, Biswas A</b> (2012). Soliton solutions, conservation laws, and reductions of certain classes of nonlinear wave equations. <i>ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES</i> , 67a (12), pp. 613 - 620.	0,50	0,50
Wits-016478	<b>Jamal S, Kara AH, Narain R</b> (2012). Wave equations in Bianchi space-time. <i>Journal of Applied Mathematics</i> , 2012 (Article ID 765361), pp. 1 - 12.	0,67	0,67
Wits-016497	<b>Vardy JJ, Watson BA</b> (2012). Markov processes on Riesz spaces. <i>POSITIVITY</i> , 16 pp. 373 - 391.	0,50	1,00
Wits-016499	<b>Moller MH, Zinsou B</b> (2012). Spectral asymptotics of self-adjoint fourth order differential operators with eigenvalue parameter dependent boundary conditions . <i>Complex Analysis and Operator Theory</i> , 6 pp. 799 - 818.	0,50	1,00
Wits-016928	<b>Moller MH, Zinsou B</b> (2012). Spectral asymptotics of self-adjoint fourth order boundary value problems with eigenvalue parameter dependent boundary conditions. <i>Boundary Value Problems</i> , 2012 (106), pp. 1 - 18.	0,50	1,00
Wits-016932	<b>Blecher A</b> (2012). Compositions of positive integers n viewed as alternating sequences of increasing/decreasing partitions. <i>ARS COMBINATORIA</i> , 106 pp. 213 - 224.	1,00	1,00
Wits-016933	<b>Blecher A</b> (2012). Geometry of totally symmetric plane partitions (TSPPs) with self-conjugate main diagonal. <i>UTILITAS MATHEMATICA</i> , 88 pp. 223 - 235.	1,00	1,00
Wits-016935	<b>Grobbelaar M</b>	1,00	1,00

016933	(2012). On the dissipative effect of a magnetic field in a Mindlin-Timoshenko model. <i>ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK</i> , 63 pp. 1047 - 1065.		
Wits-016939	<b>Toko WB, Zelenyuk Y</b> (2012). Continuous right zero homomorphisms of $U(S)$ . <i>TOPOLOGY AND ITS APPLICATIONS</i> , 159 pp. 744 - 748.	0,50	1,00
		17,61	20,62
<b>School of Mathematics</b>			
<b>Category: Journal Article</b>			
<b>Submission Type: Other</b>			
PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-015286	<b>Currie S, Love AD</b> (2012). Erratum to: Hierarchies of difference boundary value problems . <i>Boundary Value Problems</i> , 2012 (66), pp. 1 - 2.	0,50	1,00
Wits-016052	Wafo Soh C, Diatta B, <b>Ndogmo J</b> (2012). An elementary symmetry-based derivation of the heat kernel on Heisenberg group. <i>African diaspora journal of mathematics</i> , 14 (2), pp. 82 - 89.	0,33	0,33
Wits-016941	<b>Vardy JJ, Watson BA</b> (2012). Erratum to: Markov processes on Riesz spaces. <i>POSITIVITY</i> , 16 pp. 393 - 393.	0,50	1,00

<b>Applicable Analysis And Number Theory Research Uni 23.5.2013</b>			
<b>Category: Journal Article</b>			
<b>Submission Type: DoE Submissibile</b>			
PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-014564	<b>Blecher A, Brennan CA, Mansour T</b> (2012). Compositions of n as alternating sequences of weakly increasing and strictly decreasing partitions . <i>Central European Journal of Mathematics</i> , 10 (2), pp. 788 - 796.	0,33	0,67
Wits-015289	Archibald M, <b>Knopfmacher A, Mansour T</b> (2012). Variation statistics on compositions . <i>FUNDAMENTA MATHEMATICAE</i> , 117 pp. 1 - 17.	0,33	0,33
Wits-015290	<b>Knopfmacher A, Munagi AO</b> (2012). Permutations with interval cycles . <i>ARS COMBINATORIA</i> , 105 pp. 273 - 288.	1,00	1,00

Wits-016490	<b>Knopfmacher A</b> , Mansour T (2012). Record statistics in random composition. <i>DISCRETE APPLIED MATHEMATICS</i> , 160 pp. 593 - 603.	0,50	0,50
Wits-016492	<b>Knopfmacher A</b> , <b>Munagi AO</b> , Wagner S (2012). Successions in words and compositions. <i>Annals of Combinatorics</i> , 16 pp. 277 - 287.	0,67	0,67
Wits-016494	<b>Brennan CA</b> , Mavhungu S (2012). Visits to level r by Dyck paths. <i>FUNDAMENTA MATHEMATICAE</i> , 117 pp. 127 - 145.	0,50	0,50
Wits-016495	<b>Currie S</b> , <b>Watson BA</b> (2012). Quadratic eigenvalue problems for second order systems. <i>Complex Analysis and Operator Theory</i> , 6 pp. 729 - 748.	1,00	1,00
Wits-016497	<b>Vardy JJ</b> , <b>Watson BA</b> (2012). Markov processes on Riesz spaces. <i>POSITIVITY</i> , 16 pp. 373 - 391.	0,50	1,00
Wits-016499	<b>Moller MH</b> , <b>Zinsou B</b> (2012). Spectral asymptotics of self-adjoint fourth order differential operators with eigenvalue parameter dependent boundary conditions . <i>Complex Analysis and Operator Theory</i> , 6 pp. 799 - 818.	0,50	1,00
Wits-016500	El Bachraoui M, <b>Luca F</b> (2012). On a diophantine equation of Ayad and Kihel. <i>Quaestiones Mathematicae</i> , 35 pp. 235 - 243.	0,50	0,50
Wits-016913	<b>Luca F</b> (2012). On the number of nonzero digits of the partition function. <i>ARCHIV DER MATHEMATIK</i> , 98 pp. 235 - 240.	1,00	1,00
Wits-016915	Grau J, <b>Luca F</b> , Oller-Marcen A (2012). On a variant of Guiga numbers. <i>ACTA MATHEMATICA SINICA-ENGLISH SERIES</i> , 28 (4), pp. 653 - 660.	0,33	0,33
Wits-016921	<b>Knopfmacher A</b> , <b>Luca F</b> (2012). Digit sums of binomial sums. <i>JOURNAL OF NUMBER THEORY</i> , 132 pp. 324 - 331.	1,00	1,00
Wits-016925	<b>Luca F</b> , Soydan G (2012). On the Diophantine equation $2^m + nx^2 = y^n$ . <i>JOURNAL OF NUMBER THEORY</i> , 132 pp. 2604 - 2609.	0,50	0,50
Wits-016927	<b>Luca F</b> (2012). On the largest prime factor of the partition function of n. <i>RAMANUJAN JOURNAL</i> , 28 pp. 423 - 434.	1,00	1,00
Wits-016928	<b>Moller MH</b> , <b>Zinsou B</b> (2012). Spectral asymptotics of self-adjoint fourth order boundary value problems with eigenvalue parameter dependent boundary conditions. <i>Boundary Value Problems</i> , 2012 (106), pp. 1 - 18.	0,50	1,00
Wits-016930	Mansour T, <b>Munagi AO</b>	0,50	0,50

016930	(2012). Alternating subsets modulo m. <i>ROCKY MOUNTAIN JOURNAL OF MATHEMATICS</i> , 42 (4), pp. 1313 - 1325.		
Wits-016937	<b>Zelenyuk Y</b> (2012). A nonlinear maximal group topology. <i>ADVANCES IN MATHEMATICS</i> , 229 pp. 2415 - 2426.	1,00	1,00
Wits-016939	<b>Toko WB, Zelenyuk Y</b> (2012). Continuous right zero homomorphisms of U(S). <i>TOPOLOGY AND ITS APPLICATIONS</i> , 159 pp. 744 - 748.	0,50	1,00
Wits-017173	<b>Luca F, Young P</b> (2012). On the number of divisors of n! and of the Fibonacci numbers . <i>Glasnik Matematicki</i> , 47 (67), pp. 285 - 293.	0,50	0,50
Wits-017174	<b>Luca F, Pollack P</b> (2012). How many primes can divide the values of a polynomial?. <i>ACTA ARITHMETICA</i> , 156 (1), pp. 19 - 27.	0,50	0,50
Wits-017175	<b>Luca F</b> (2012). On the system of Diophantine equations $a^2+b^2=(m^2+1)^f$ and $a^x+b^y=(m^2+1)^z$ . <i>ACTA ARITHMETICA</i> , 153 (4), pp. 373 - 392.	1,00	1,00
Wits-017176	<b>Luca F</b> (2012). Perfect powers in q-binomial coefficients. <i>ACTA ARITHMETICA</i> , 151 (3), pp. 279 - 292.	1,00	1,00
Wits-017177	Cilleruelo J, <b>Luca F</b> (2012). On the largest prime factor of the partition function of n. <i>ACTA ARITHMETICA</i> , 156 (1), pp. 29 - 38.	0,50	0,50
Wits-017178	<b>Luca F, Young P</b> (2012). On the log-concavity of the degenerate Bernoulli numbers. <i>International Journal of Number Theory</i> , 8 (3), pp. 789 - 800.	0,50	0,50
		16,16	18,50

### Applicable Analysis And Number Theory Research Uni

Category: Journal Article

Submission Type: Other

PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-015286	<b>Currie S, Love AD</b> (2012). Erratum to: Hierarchies of difference boundary value problems . <i>Boundary Value Problems</i> , 2012 (66), pp. 1 - 2.	0,50	1,00
Wits-016503	<b>Knopfmacher A, Mansour T, Munagi AO</b> (2011). Smooth compositions and smooth words. <i>Pure Mathematics and Applications</i> , 22 (2), pp. 209 - 226.	0,67	0,67
Wits-016941	<b>Vardy JJ, Watson BA</b>	0,50	1,00

016941	(2012). Erratum to: Markov processes on Riesz spaces. <i>POSITIVITY</i> , 16 pp. 393 - 393.		
Wits- 017695	<b>Munagi AO</b> (2012). Euler-type identities for integer compositions via zig-zag graphs. <i>Integers</i> , 12 (A60), pp. 1 - 10.	1,00	1,00