

School of Mathematics : 24.03.2015

Category: Journal Article

Submission Type: DoE Submissible

PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2015 000996	Johnson S, Savescu M, Kara AH , Crutcher S, Kohl R, Biswas A (2014). Conservation laws for optical solitons with spatio-temporal dispersion. <i>JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS</i> , 28 (2), pp. 242 - 252.	0,17	0,17
Wits-2015 001268	Alt JM , Di Scala A, Leistner T (2014). Conformal holonomy, symmetric spaces, and skew symmetric torsion . <i>DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS</i> , 33 pp. 4 - 43.	0,33	0,33
Wits-2015 001287	Asakly W, Blecher A , Brennan CA , Knopfmacher A , Mansour T, Wagner S (2014). Set partition asymptotics and a conjecture of Gould and Quaintance. <i>JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS</i> , 416 pp. 672 - 682.	0,17	0,50
Wits-2015 001288	Blecher A , Brennan CA , Knopfmacher A (2014). Descents after maxima in compositions. <i>DISCRETE MATHEMATICS AND THEORETICAL COMPUTER SCIENCE</i> , 16 (1), pp. 61 - 72.	0,33	1,00
Wits-2015 001291	Botha GJ , Zelenyuk Y , Zelenyuk Y (2014). Finer closed left ideal decompositions of G^* . <i>TOPOLOGY AND ITS APPLICATIONS</i> , 165 pp. 58 - 63.	0,33	1,00
Wits-2015 001322	Biswas A, Kara AH , Moraru L, Bokhari A, Zaman F (2014). Conservation laws of coupled Klein-Gordon equations with cubic and power law nonlinearities. <i>Proceedings of the Romanian Academy Series A-Mathematics Physics Technical Sciences Information Science</i> , 15 (2), pp. 123 - 129.	0,20	0,20
Wits-2015 001323	Camci U, Jamal S , Kara AH (2014). Invariances and conservation laws based on some FRW universes. <i>INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS</i> , 53 pp. 1483 - 1494.	0,67	0,67
Wits-2015 001324	Biswas A, Song M, Triki H, Kara AH , Ahmed B, Strong A, Hama A (2014). Solitons, shock waves, conservation laws and bifurcation analysis of Boussinesq equation with power law nonlinearity and dual dispersion. <i>Applied Mathematics & Information Sciences</i> , 8 (3), pp. 949 - 957.	0,14	0,14
Wits-2015 001326	Folly-Gbetoula MK , Kara AH	1,00	1,00

001520	(2014). Symmetry and transformation properties of iterative ordinary differential equation. <i>JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS</i> , 415 pp. 135 - 147.		
Wits-2015 001662	Ndogmo J, Mahomed FM (2014). On certain properties of linear iterative equations . <i>Central European Journal of Mathematics</i> , 12 (4), pp. 648 - 657.	0,50	1,00
Wits-2015 001664	Vardy JJ, Watson BA (2014). On the decompositions of T-quasi-martingales on Riesz spaces . <i>POSITIVITY</i> , 18 pp. 425 - 437.	0,50	1,00
Wits-2015 001711	Please C, Fowkes N, Mason DP , Khaliq M, Hutchinson AJ, Rademeyer MC , Loubser R, Davis S (2014). Extraction of molasses from sugar crystals in a centrifuge. <i>Mathematical Modelling and Analysis</i> , 19 (3), pp. 347 - 358.	0,13	0,38
Wits-2015 001752	Masemola P, Kara AH (2014). On PT symmetry systems: invariance, conservation laws, and reductions . <i>Journal of Applied Mathematics</i> , 2014 (849361), pp. 1 - 7.	1,00	1,00
Wits-2015 001788	Ndlovu LK, Folly-Gbetoula MK, Kara AH, Love AD (2014). Symmetries, associated first integrals, and double reduction of difference equations . <i>Abstract and Applied Analysis</i> , 2014 (490165), pp. 1 - 6.	1,00	1,00
Wits-2015 001836	Archibald ML, Knopfmacher A (2014). The largest missing value in a sample of geometric random variables . <i>COMBINATORICS PROBABILITY & COMPUTING</i> , 23 pp. 670 - 685.	0,50	1,00
Wits-2015 001838	Folly-Gbetoula MK, Kara AH (2014). Symmetries, conservation laws, and 'integrability' of difference equations . <i>Advances in Difference Equations</i> , 2014 (224), pp. 1 - 14.	1,00	1,00
Wits-2015 001839	Ndogmo J (2014). Coefficient characterization of linear differential equations with maximal symmetries . <i>Communications in Nonlinear Science and Numerical Simulation</i> , 19 pp. 1270 - 1278.	1,00	1,00
Wits-2015 001842	Triki H, Kara AH , Biswas A (2014). Domain walls to Boussinesq-type equations in (2+1)-dimensions . <i>INDIAN JOURNAL OF PHYSICS</i> , 88 (7), pp. 751 - 755.	0,33	0,33
Wits-2015 002324	Triki H, Lepule S, Love AD, Kara AH , Biswas A (2014). Dark optical solitons and conservation laws for parabolic and dual-power law nonlinearities in (2+1)-dimensions . <i>OPTIK</i> , 125 pp. 2784 - 2792.	0,60	0,60
Wits-2015 002329	Triki H, Kara AH , Bhrawy A, Biswas A	0,25	0,25

002329	(2014). Soliton solution and conservation law of Gear-Grimshaw model for shallow water waves . <i>ACTA PHYSICA POLONICA A</i> , 125 (5), pp. 1099 - 1106.		
Wits-2015 002330	Ali S, Bokhari A, Zaman F, Kara AH (2014). Invariance, conservation laws, and exact solutions of the nonlinear cylindrical fin equation . <i>ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES</i> , 69a pp. 195 - 198.	0,25	0,25
Wits-2015 003218	Biswas A, Kara AH , Bokhari A, Zaman F (2014). Solitary waves and conservation laws of complex-valued Klein-Gordon equation in Φ -4 field theory . <i>INDIAN JOURNAL OF PHYSICS</i> , 88 (3), pp. 311 - 315.	0,25	0,25
Wits-2015 003247	Blecher A, Knopfmacher A, Munagi AO (2014). Durfee square areas and associated partition identities . <i>ARS COMBINATORIA</i> , 113A pp. 235 - 246.	0,33	1,00
Wits-2015 003727	Kara AH (2014). On the reduction of some dispersionless integrable systems . <i>ACTA APPLICANDAE MATHEMATICAE</i> , 132 pp. 371 - 376.	1,00	1,00
Wits-2015 005408	Currie S, Love AD (2014). Hierarchies of difference boundary value problems II - applications. <i>Quaestiones Mathematicae</i> , 37 pp. 371 - 392.	0,50	1,00
	Grand Total	12,48	17,07

Applicable Analysis And Number Theory Research Unit : 24.03.2015

Category: Journal Article

Submission Type: DoE Submissible

PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2015 001254	Blake I, Luca F , Shparlinski I (2014). VSH and multiplicative modular relations between small primes with polynomial exponents. <i>APPLICABLE ALGEBRA IN ENGINEERING COMMUNICATION AND COMPUTING</i> , 25 pp. 181 - 188.	0,33	0,33
Wits-2015 001258	Bravo J, Luca F (2014). Repdigits in k -Lucas sequences. <i>PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES</i> , 124 (2), pp. 141 - 154.	0,50	0,50
Wits-2015 001262	Komatsu T, Luca F , de J. Pita Ruiz V. C (2014). A note on the denominators of Bernoulli numbers. <i>PROCEEDINGS OF THE JAPAN ACADEMY SERIES A-MATHEMATICAL SCIENCES</i> , 90 (5), pp. 71 - 72.	0,33	0,33

Wits-2015 001264	Gomez Ruiz C, Luca F (2014). The zero-multiplicity of third-order linear recurrences associated to the Tribonacci sequence. <i>INDAGATIONES MATHEMATICAE-NEW SERIES</i> , 25 pp. 579 - 587.	0,50	0,50
Wits-2015 001287	Asakly W, Blecher A, Brennan CA, Knopfmacher A, Mansour T, Wagner S (2014). Set partition asymptotics and a conjecture of Gould and Quaintance. <i>JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS</i> , 416 pp. 672 - 682.	0,33	0,50
Wits-2015 001288	Blecher A, Brennan CA, Knopfmacher A (2014). Descents after maxima in compositions. <i>DISCRETE MATHEMATICS AND THEORETICAL COMPUTER SCIENCE</i> , 16 (1), pp. 61 - 72.	0,67	1,00
Wits-2015 001289	Munagi AO (2014). Parity-alternating permutations and successions. <i>Central European Journal of Mathematics</i> , 12 (9), pp. 1390 - 1402.	1,00	1,00
Wits-2015 001290	Zelenyuk Y (2014). Left maximal idempotents in G^* . <i>ADVANCES IN MATHEMATICS</i> , 262 pp. 593 - 603.	1,00	1,00
Wits-2015 001291	Botha GJ, Zelenyuk Y, Zelenyuk Y (2014). Finer closed left ideal decompositions of G^* . <i>TOPOLOGY AND ITS APPLICATIONS</i> , 165 pp. 58 - 63.	0,67	1,00
Wits-2015 001292	Buckley S, MacHale D, Zelenyuk Y (2014). Finite rings with large anticommuting probability. <i>Applied Mathematics & Information Sciences</i> , 8 (1), pp. 13 - 25.	0,33	0,33
Wits-2015 001660	Luca F, Munagi AO (2014). Expansions of binary recurrences in the additive base formed by the number of divisors of the factorial. <i>COLLOQUIUM MATHEMATICUM</i> , 134 (2), pp. 193 - 209.	1,00	1,00
Wits-2015 001664	Vardy JJ, Watson BA (2014). On the decompositions of T-quasi-martingales on Riesz spaces. <i>POSITIVITY</i> , 18 pp. 425 - 437.	0,50	1,00
Wits-2015 001750	Currie S (2014). Self-adjoint boundary conditions and interlacing of eigenvalues for the Sturm-Liouville equation on graphs. <i>Operators and Matrices</i> , 8 (2), pp. 467 - 483.	1,00	1,00
Wits-2015 001836	Archibald ML, Knopfmacher A (2014). The largest missing value in a sample of geometric random variables. <i>COMBINATORICS PROBABILITY & COMPUTING</i> , 23 pp. 670 - 685.	0,50	1,00

Wits-2015 002325	Ruiz C, Luca F (2014). k-generalized Fibonacci numbers of the form $1+2^{n1}+4^{n2}+\dots+(2^k)^{nk}$. <i>Mathematical Communications</i> , 19 pp. 321 - 332.	0,50	0,50
Wits-2015 002680	Luca F , Pomerance C (2014). On the local behavior of the order of appearance in the Fibonacci sequence. <i>International Journal of Number Theory</i> , 10 (4), pp. 915 - 933.	0,50	0,50
Wits-2015 002748	De Koninck J, Luca F (2014). Arithmetic functions monotonic at consecutive arguments. <i>STUDIA SCIENTIARUM MATHEMATICARUM HUNGARICA</i> , 51 (2), pp. 155 - 164.	0,50	0,50
Wits-2015 002749	Luca F , Tachiya Y (2014). Linear independence of certain Lambert series. <i>PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY</i> , 142 (10), pp. 3411 - 3419.	0,50	0,50
Wits-2015 003220	Luca F , Pomerance C (2014). On the range of Carmichael's universal-exponent function . <i>ACTA ARITHMETICA</i> , 162 (3), pp. 289 - 308.	0,50	0,50
Wits-2015 003225	Luca F , Tachiya Y (2014). Algebraic independence of infinite products generated by Fibonacci and Lucas numbers . <i>Hokkaido Mathematical Journal</i> , 43 pp. 1 - 20.	0,50	0,50
Wits-2015 003242	Komatsu T, Luca F , de J. Pita Ruiz V. C (2014). Generalized Poly-Cauchy polynomials and their interpolating functions . <i>COLLOQUIUM MATHEMATICUM</i> , 136 (1), pp. 13 - 30.	0,33	0,33
Wits-2015 003244	Balasubramanian R, Luca F , Ralaivaosaona D (2014). On the sum of the first n values of the Euler function . <i>ACTA ARITHMETICA</i> , 163 (3), pp. 199 - 201.	0,33	0,33
Wits-2015 003247	Blecher A , Knopfmacher A , Munagi AO (2014). Durfee square areas and associated partition identities . <i>ARS COMBINATORIA</i> , 113A pp. 235 - 246.	0,67	1,00
Wits-2015 003248	Mansour T, Munagi AO (2014). Set partitions with circular successions . <i>EUROPEAN JOURNAL OF COMBINATORICS</i> , 42 pp. 207 - 216.	0,50	0,50
Wits-2015 003249	Grabner P, Knopfmacher A , Wagner S (2014). A general asymptotic scheme for the analysis of partition statistics . <i>COMBINATORICS PROBABILITY & COMPUTING</i> , 23 pp. 1057 - 1086.	0,33	0,33
Wits-2015 003250	Luca F , Moreira C, Pomerance C	0,33	0,33

003250	(2014). On integers which are the sum of a power of 2 and a polynomial value . <i>BULLETIN OF THE BRAZILIAN MATHEMATICAL SOCIETY</i> , 45 (3), pp. 559 - 574.		
Wits-2015 003251	Luca F , Stanica P (2014). Equations with arithmetic functions of Pell numbers . <i>Bulletin Mathematique de la Societe des Sciences Mathematiques de Roumanie</i> , 57(105) (4), pp. 409 - 413.	0,50	0,50
Wits-2015 003252	Luca F , Saradha N, Shorey T (2014). Squares and factorials in products of factorials . <i>MONATSHEFTE FUR MATHEMATIK</i> , 175 pp. 385 - 400.	0,33	0,33
Wits-2015 003490	Ruiz C, Luca F (2014). An exponential Diophantine equation related to the sum of powers of two consecutive k-generalized Fibonacci numbers. <i>COLLOQUIUM MATHEMATICUM</i> , 137 (2), pp. 171 - 188.	0,50	0,50
Wits-2015 003495	Luca F , Tachiya Y (2014). Irrationality of Lambert series associated with a periodic sequence. <i>International Journal of Number Theory</i> , 10 (3), pp. 623 - 636.	0,50	0,50
Wits-2015 003496	Ford K, Luca F , Moree P (2014). Values of the Euler ϕ -function not divisible by a given odd prime, and the distribution of Euler-Kronecker constants for cyclotomic fields. <i>MATHEMATICS OF COMPUTATION</i> , 83 (287), pp. 1447 - 1476.	0,33	0,33
Wits-2015 003498	Luca F , Shparlinski I (2014). On the counting function of elliptic Carmichael numbers. <i>CANADIAN MATHEMATICAL BULLETIN-BULLETIN CANADIEN DE MATHEMATIQUES</i> , 57 (1), pp. 105 - 112.	0,50	0,50
Wits-2015 003533	Ford K, Luca F , Pomerance C (2014). The image of Carmichael's λ -function. <i>Algebra & Number Theory</i> , 8 (8), pp. 2009 - 2025.	0,33	0,33
Wits-2015 003698	Zelenyuk Y, Zelenyuk Y (2014). Counting symmetric bracelets . <i>BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY</i> , 89 pp. 431 - 436.	1,00	1,00
Wits-2015 003701	Zelenyuk Y, Zelenyuk Y (2014). Counting symmetric colourings of the vertices of a regular polygon . <i>BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY</i> , 90 pp. 1 - 8.	1,00	1,00
Wits-2015 003703	Zelenyuk Y (2014). Continuity in G^{LUC} . <i>BULLETIN OF THE LONDON MATHEMATICAL SOCIETY</i> , 46 pp. 981 - 988.	1,00	1,00

Wits-2015 003728	Munagi AO , Sellers J (2014). Refining overlined parts in overpartitions via residue classes: bijections, generating functions, and congruences . <i>UTILITAS MATHEMATICA</i> , 95 pp. 33 - 49.	0,50	0,50
Wits-2015 005408	Currie S, Love AD (2014). Hierarchies of difference boundary value problems II - applications. <i>Quaestiones Mathematicae</i> , 37 pp. 371 - 392.	0,50	1,00
		21,14	23,80

Applicable Analysis And Number Theory Research Uni

Category: Journal Article

Submission Type: Other

PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2015 002326	Luca F , Ziegler V (2014). A note on the number of S-Diophantine quadruples . <i>Communications in Mathematics</i> , 22 pp. 49 - 55.	0,50	0,50
Wits-2015 002741	Damir M, Faye B, Luca F , Tall A (2014). Fibonacci numbers with prime sums of complementary divisors. <i>Integers</i> , 14 (A5), pp. 1 - 9.	0,25	0,25
Wits-2015 002753	Bravo J, Luca F (2014). Powers of two as sums of two Lucas numbers . <i>Journal of Integer Sequences</i> , 17 (14.8.3), pp. 1 - 12.	0,50	0,50
Wits-2015 002791	Laishram S, Luca F (2014). Fibonacci numbers of the form $x^a \pm x^b \pm 1$. <i>Fibonacci Quarterly</i> , 52 (4), pp. 290 - 295.	0,50	0,50
Wits-2015 002793	Bravo E, Bravo J, Luca F (2014). Coincidences in generalized Lucas sequences . <i>Fibonacci Quarterly</i> , 52 (4), pp. 296 - 306.	0,33	0,33
Wits-2015 003245	Luca F , Stanica P (2014). On the first digits of the Fibonacci numbers and their Euler function . <i>Uniform Distribution Theory</i> , 9 (1), pp. 21 - 25.	0,50	0,50
Wits-2015 003493	Damir M, Faye B, Luca F , Tall A (2014). Members of Lucas sequences whose Euler function is a power of 2. <i>The Fibonacci Quarterly</i> , 52 (1), pp. 3 - 9.	0,25	0,25

Wits-2015 003551	Sanchez S, Luca F (2014). Linear combinations of factorials and S-units in a binary recurrence sequence. <i>Annales mathématiques du Québec</i> , 38 pp. 169 - 188.	0,50	0,50
Wits-2015 003957	Gomez C, Luca F (2014). Power of two-classes in k-generalized Fibonacci sequences . <i>Revista Colombiana de Matematicas</i> , 48 (2), pp. 219 - 234.	0,50	0,50
Wits-2015 003958	Hajdu L, Luca F (2014). Erratum to: On the length of arithmetic progressions in linear combinations of S-units . <i>ARCHIV DER MATHEMATIK</i> , 103 pp. 399 - 400.	0,50	0,50
Wits-2015 003959	Luca F , Najman F (2014). Errata to "on the largest prime factor of x^2-1 " . <i>MATHEMATICS OF COMPUTATION</i> , 83 pp. 337 - 337.	0,50	0,50
Wits-2015 004477	Luca F , Euler R, Gallardo L (2014). On a binary recurrent sequence of polynomials . <i>Communications in Mathematics</i> , 22 pp. 151 - 157.	0,33	0,33

Applicable Analysis And Number Theory Research Uni

Category: Conference Contribution

Submission Type: DoE Submissible

PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2015 001663	Picard R, Watson BA Evolutionary problems involving Sturm-Liouville operators , Sevilla, Spain <i>Concrete operators, spectral theory, operators in harmonic analysis and approximation: 22nd international workshop in operator theory and its applications, Sevilla, July 2011. , 03-Jul-2011 - 09-Jul-2011: pp 393 - 406</i>	0,25	0,25
Wits-2015 003709	Kashuba I, Zelenyuk Y The number of symmetric colorings of the dihedral group D_4 , Prague, Czech Republic <i>Proceedings of 4th Scientific Colloquium, 24-Jun-2014 - 26-Jun-2014: pp 211 - 218</i>	0,25	0,25
	Total	0,50	0,50
	Grand Total	21,64	24,30