

School of Mathematics : 06.04.2016			
Category: Journal Article			
Submission Type: DoE Submissible			
PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2016-000784	Grobbelaar M (2015). Exponential stabilization of magnetoelastic waves in a Mindlin-Timoshenko plate by localized internal damping. <i>ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK</i> , 66 (4), pp. 1751 - 1776..	1,00	1,00
Wits-2016-000795	Razborova P, Kara AH , Biswas A (2015). Additional conservation laws for Rosenau-KdV-RLW equation with power law nonlinearity by Lie symmetry. <i>NONLINEAR DYNAMICS</i> , 79 pp. 743 - 748..	0,33	0,33
Wits-2016-002447	Grobbelaar M (2015). Polynomial decay rate of a thermoelastic Mindlin-Timoshenko plate model with Dirichlet boundary conditions. <i>ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK</i> , 66 pp. 113 - 128..	1,00	1,00
Wits-2016-002656	Gatsinzi J, Kwashira R (2015). Samelson products in function spaces . <i>Bulletin of the Korean Mathematical Society</i> , 52 (4), pp. 1297 - 1303..	0,50	0,50
Wits-2016-004035	Currie S, Roth TT, Watson BA (2015). First-order systems in C^2 on R with periodic matrix potentials and vanishing instability intervals . <i>MATHEMATICAL METHODS IN THE APPLIED SCIENCES</i> , 38 pp. 4435 - 4447..	0,33	1,00
Wits-2016-004036	Blecher A, Brennan CA, Knopfmacher A (2015). Levels in bargraphs . <i>ARS Mathematica Contemporanea</i> , 9 pp. 297 - 310..	0,33	1,00
Wits-2016-004037	Archibald ML, Blecher A, Brennan CA, Knopfmacher A (2015). Descents following maximal values in samples of geometric random variables . <i>STATISTICS & PROBABILITY LETTERS</i> , 97 pp. 229 - 240..	0,50	1,00
Wits-2016-004038	Blecher A, Brennan CA, Knopfmacher A , Prodinger H (2015). The height and width of bargraphs . <i>DISCRETE APPLIED MATHEMATICS</i> , 180 pp. 36 - 44..	0,25	0,75
Wits-2016-004039	Mphako-Banda EG (2015). H-trees, restrictions of Dowling group geometries . <i>Bulletin of the Korean Mathematical Society</i> , 52 (3), pp. 955 - 962..	1,00	1,00
Wits-2016-004040	Mphako-Banda EG , Mansour T (2015). Defect polynomials and Tutte polynomials of some asymmetric graphs . <i>Turkish Journal of Mathematics</i> , 39 pp. 706 - 718..	0,50	0,50
Wits-2016-004051	Wang G, Kara AH (2015). Nonlocal symmetry analysis, explicit solutions and conservation laws for the fourth-order Burger's equation . <i>CHAOS SOLITONS & FRACTALS</i> , 81 pp. 290 - 298..	0,50	0,50

Wits-2016-004052	Jamal S, Kara AH , Narain R, Shabbir G (2015). Symmetry structure of a wave equation on some classes of Bianchi cosmological models . <i>INDIAN JOURNAL OF PHYSICS</i> , 89 (4), pp. 411 - 416..	0,50	0,50
Wits-2016-004053	Kara AH , Razborova P, Biswas A (2015). Solitons and conservation laws of coupled Ostrovsky equation for internal waves . <i>APPLIED MATHEMATICS AND COMPUTATION</i> , 258 pp. 95 - 99..	0,33	0,33
Wits-2016-004054	Allagan J, Mphako-Banda EG (2015). Tutte polynomial of some multigraphs . <i>Quaestiones Mathematicae</i> , 38 (5), pp. 709 - 724..	0,50	0,50
Wits-2016-004055	Wang G, Fakhar K, Kara AH (2015). Soliton solutions and group analysis of a new coupled (2+1)-dimensional Burgers equation . <i>ACTA PHYSICA POLONICA B</i> , 46 pp. 923 - 930..	0,33	0,33
Wits-2016-004064	Boxall GJ , Jones G (2015). Algebraic values of certain analytic functions . <i>INTERNATIONAL MATHEMATICS RESEARCH NOTICES</i> , 2015 (4), pp. 1141 - 1158..	0,50	0,50
Wits-2016-004065	Wang G, Kara AH (2015). Conservation laws, multipliers, adjoint equations and Lagrangians for Jaulent-Miodek and some families of systems of KdV type equations . <i>NONLINEAR DYNAMICS</i> , 81 pp. 753 - 763..	0,50	0,50
Wits-2016-004066	Wang G, Kara AH , Buhe E, Fakhar K (2015). Group analysis and conservation laws of a coupled system of partial differential equations describing the Carbon nanotubes conveying fluid . <i>Romanian Journal of Physics</i> , 60 pp. 952 - 960..	0,25	0,25
Wits-2016-004067	Gagola III SM , Gabriels J, Navara M (2015). Weaker forms of associativity in orthomodular lattices . <i>ALGEBRA UNIVERSALIS</i> , 73 pp. 249 - 266..	0,33	0,33
Wits-2016-004074	Archibald ML, Blecher A, Brennan CA, Knopfmacher A (2015). Greatest descents after any maxima in compositions . <i>ELECTRONIC JOURNAL OF COMBINATORICS</i> , 22 (#P4.38), pp. 1 - 16..	0,50	1,00
Wits-2016-004168	Jamal S, Kara AH (2015). A classification of zero gauge Noether symmetries for the wave equation on cylindrically symmetric static manifolds. <i>Romanian Journal of Physics</i> , 60 pp. 1328 - 1336..	1,00	1,00
Wits-2016-004170	Morris R, Kara AH , Biswas A (2015). An analysis of the Zhiber-Shabat equation including Lie point symmetries and conservation laws. <i>Collectanea Mathematica</i> , 67 pp. 55 - 62..	0,33	0,33
Wits-2016-005113	Wang G, Kara AH , Fakhar K (2015). Symmetry analysis and conservation laws for the class of time-fractional nonlinear dispersive equation . <i>NONLINEAR DYNAMICS</i> , 82 pp. 281 - 287..	0,33	0,33
Wits-2016-005065	Bau S, Van Niekerk BL, White DM	1,00	1,00

005965	(2015). An intermediate value theorem for the decycling numbers of Toeplitz graphs. <i>GRAPHS AND COMBINATORICS</i> , 31 pp. 2037 - 2042..		
	Total	12,64	15,48
School of Mathematics			
Category: Journal Article			
Submission Type: Other			
PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2016-004046	Gagola III SM	1,00	1,00
	(2015). Describing cyclic extensions of Bol loops . <i>Quasigroups and Related Systems</i>		
	, 23 pp. 31 - 39..		
Wits-2016-004048	Folly-Gbetoula MK, Kara AH	1,00	1,00
	(2015). Symmetry Lie algebras and properties of linear ordinary differential equations with maximal dimension . <i>Symmetries, Differential Equations and Applications</i>		
	, 38 (1560074), pp. 1 - 16..		
Wits-2016-004049	Blecher A, Mansour T, Munagi AO	0,33	0,67
	(2015). Some parity statistics in integer partitions . <i>Bulletin of the Polish Academy of Sciences - Mathematics</i> , 63 pp. 123 - 140..		
Wits-2016-004171	Hong J, Fakhar K, Ahmed S, Kara AH	0,25	0,25
	(2015). Conservation of the cylindrical and elliptical cylindrical K-P equations. <i>Applied Mathematics & Information Sciences</i> , 9 (2), pp. 631 - 635..		
	Grand Total	12,64	15,48

Applicable Analysis And Number Theory Research Unit : 15.03.2016			
Category: Journal Article			
Submission Type: DoE Submissible			
PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2016-000798	Luca F, Pizarro-Madariaga A, Pomerance C	0,33	0,33
	(2015). On the counting function of irregular primes. <i>INDAGATIONES MATHEMATICAE-NEW SERIES</i> , 26 pp. 147 - 161.		
Wits-2016-000799	Bravo J, Luca F	0,50	0,50
	(2015). Repdigits as sums of two k -Fibonacci numbers. <i>MONATSHEFTE FUR MATHEMATIK</i> , 176 (1), pp. 31 - 51.		
Wits-2016-000801	Gonzalez J, Berrizbeitia P, Luca F	0,33	0,33
	(2015). On the formula $F_p = u^2 + pv^2$. <i>International Journal of Number Theory</i> , 11 (1), pp. 185 - 191.		
Wits-2016-000802	Banks W, Finch C, Luca F , Pomerance C, Stanica P	0,20	0,20

000802	(2015). Sierpinski and Carmichael numbers. <i>TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY</i> , 367 (1), pp. 355 - 376.		
Wits-2016-000803	Ruiz C, Luca F (2015). On the largest prime factor of the ratio of two generalized Fibonacci numbers <i>JOURNAL OF NUMBER THEORY</i> , 152 pp. 182 - 203.	0,50	0,50
Wits-2016-000804	Miyazaki T, Luca F (2015). On the system of Diophantine equations $(m^2 - 1)^x + b^2 = c^2$ and $(m^2 - 1)^x + b^y = c^2$. <i>JOURNAL OF NUMBER THEORY</i> , 153 pp. 321 - 345.	0,50	0,50
Wits-2016-000815	Kurlberg P, Luca F , Shparlinski I (2015). On the fixed points of the map $x \rightarrow x^x$ modulo a prime. <i>MATHEMATICAL RESEARCH LETTERS</i> , 22 (01), pp. 141 - 168.	0,33	0,33
Wits-2016-000817	Faye B, Luca F , Tall A (2015). On the equation $\Phi(5^m - 1) = 5^n - 1$. <i>Bulletin of the Korean Mathematical Society</i> , 52 (2), pp. 513 - 524.	0,33	0,33
Wits-2016-000851	Ruiz C, Luca F (2015). Diophantine quadruples in the sequence of shifted Tribonacci numbers. <i>PUBLICATIONES MATHEMATICAE-DEBRECEN</i> , 86 (3-4), pp. 473 - 491.	0,50	0,50
Wits-2016-000852	Faye B, Luca F (2015). On the equation $\phi(X^m - 1) = X^n - 1$. <i>International Journal of Number Theory</i> , 11 (5), pp. 1691 - 1700.	0,50	0,50
Wits-2016-000854	Hirata-Kohno N, Luca F (2015). On the Diophantine equation $F_n^x + F_{n+1}^x = F_m^y$. <i>ROCKY MOUNTAIN JOURNAL OF MATHEMATICS</i> , 45 (2), pp. 509 - 538.	0,50	0,50
Wits-2016-000855	Luca F , Pomerance C (2015). The range of the sum-of-proper-divisors function. <i>ACTA ARITHMETICA</i> , 168 (2), pp. 187 - 199.	0,50	0,50
Wits-2016-000877	Gomez Ruiz C, Luca F (2015). Tribonacci Diophantine quadruples. <i>Glasnik Matematički</i> , 50 (70), pp. 17 - 24.	0,50	0,50
Wits-2016-000884	Kozek M, Luca F , Pollack P, Pomerance C (2015). Harmonious pairs. <i>International Journal of Number Theory</i> , 11 (5), pp. 1633 - 1651.	0,25	0,25
Wits-2016-000885	Bravo J, Gomez Ruiz C, Luca F (2015). On the distance between generalized Fibonacci numbers. <i>COLLOQUIUM MATHEMATICUM</i> , 140 (1), pp. 107 - 118.	0,33	0,33
Wits-2016-000887	Luca F , Menares R, Pizarro-Madariaga A (2015). On shifted primes with large prime factors and their products. <i>BULLETIN OF THE BELGIAN MATHEMATICAL SOCIETY-SIMON STEVIN</i> , 22 pp. 39 - 47.	0,33	0,33
Wits-2016-001231	Azouzi Y, Kuo WC , Ramdane K, Watson BA (2015). Convergence in Riesz spaces with conditional expectation operators. <i>POSITIVITY</i> , 19 pp. 647 - 657.	0,25	0,50

Wits-2016-002421	Ruiz C, Luca F (2015). Multiplicatively dependent triples of Tribonacci numbers. <i>ACTA ARITHMETICA</i> , 171 (4), pp. 327 - 353.	0,50	0,50
Wits-2016-002537	Currie S , Nowaczyk M, Watson BA (2015). Inverse scattering on the line with a transfer condition . <i>Mediterranean Journal of Mathematics</i> , 12 pp. 729 - 750.	0,67	0,67
Wits-2016-002723	Moller MH, Zinsou B (2015). Self-adjoint higher order differential operators with eigenvalue parameter dependent boundary conditions . <i>Boundary Value Problems</i> , 2015 (79), pp. 1 - 12.	1,00	1,00
Wits-2016-004035	Currie S, Roth TT, Watson BA (2015). First-order systems in C^2 on R with periodic matrix potentials and vanishing instability intervals . <i>MATHEMATICAL METHODS IN THE APPLIED SCIENCES</i> , 38 pp. 4435 - 4447.	0,67	1,00
Wits-2016-004036	Blecher A, Brennan CA, Knopfmacher A (2015). Levels in bargraphs . <i>ARS Mathematica Contemporanea</i> , 9 pp. 297 - 310.	0,67	1,00
Wits-2016-004037	Archibald ML, Blecher A, Brennan CA, Knopfmacher A (2015). Descents following maximal values in samples of geometric random variables . <i>STATISTICS & PROBABILITY LETTERS</i> , 97 pp. 229 - 240.	0,50	1,00
Wits-2016-004038	Blecher A, Brennan CA, Knopfmacher A , Prodinger H (2015). The height and width of bargraphs . <i>DISCRETE APPLIED MATHEMATICS</i> , 180 pp. 36 - 44.	0,50	0,75
Wits-2016-004042	Zelenyuk Y (2015). Discontinuity of multiplication and left translations in βG . <i>PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY</i> , 143 (2), pp. 877 - 884.	1,00	1,00
Wits-2016-004043	Munagi AO (2015). Zig-zag graphs and partition identities of A.K. Agarwal . <i>Annals of Combinatorics</i> , 19 pp. 557 - 566.	1,00	1,00
Wits-2016-004044	Zelenyuk Y (2015). Finite groups in G^{LUC} . <i>SEMIGROUP FORUM</i> , 91 pp. 316 - 320.	1,00	1,00
Wits-2016-004045	Zelenyuk Y, Zelenyuk Y (2015). Three-element bands in βN . <i>New York Journal of Mathematics</i> , 21 pp. 1263 - 1267.	1,00	1,00
Wits-2016-004047	Munagi AO , Sellers J (2015). Some inplace identities for integer compositions . <i>Quaestiones Mathematicae</i> , 38 (4), pp. 535 - 540.	0,50	0,50
Wits-2016-004050	Keyantuo V, Zelenyuk Y (2015). Discrete subsets and convergent sequences in topological groups . <i>TOPOLOGY AND ITS APPLICATIONS</i> , 191 pp. 137 - 142.	0,50	0,50
Wits-2016-004074	Archibald ML, Blecher A, Brennan CA, Knopfmacher A (2015). Greatest descents after any maxima in compositions . <i>ELECTRONIC JOURNAL OF COMBINATORICS</i> , 22 (#P4.38), pp. 1 - 16.	0,50	1,00

		16,69	18,85
Applicable Analysis And Number Theory Research Uni			
Category: Journal Article			
Submission Type: Other			
PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2016-000816	Balasubramanian R, Luca F , Ralaivaosaona D (2015). Arithmetic properties of the sum of the first n values of the Euler function. <i>Boletín de la Sociedad Matemática Mexicana</i> , 21 pp. 9 - 17.	0,33	0,33
Wits-2016-000888	Leon-Cardenal E, Luca F (2015). L-polynomials of function fields and Fibonacci numbers. <i>Boletín de la Sociedad Matemática Mexicana</i> , 21 pp. 163 - 169.	0,50	0,50
Wits-2016-000896	Luca F , Stanica P (2015). On Fibonacci numbers which are elliptic Korselt numbers. <i>The Fibonacci Quarterly</i> , 52 (5), pp. 164 - 167.	0,50	0,50
Wits-2016-000899	Luca F , Stanica P (2014). On numbers of the form $p + 2^n - n^2$. <i>Journal of Combinatorics and Number Theory</i> , 6 (3), pp. 157 - 162.	0,50	0,50
Wits-2016-002367	Laishram S, Luca F (2015). Rectangles of nonvisible lattice points. <i>Journal of Integer Sequences</i> , 18 pp. 1 - 11.	0,50	0,50
Wits-2016-002369	Luca F , Mosima T (2015). On the local minima of the order of appearance function. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2015 (823973), pp. 1 - 3.	1,00	1,00
Wits-2016-002370	Cruz L, Luca F (2015). Power values of the product of the Euler function and the sum of divisors function. <i>Involve</i> , 8 (5), pp. 745 - 748.	0,50	0,50
Wits-2016-002724	Brennan CA , Kariv J , Knopfmacher A (2015). Longest waiting time in the coupon collector's problem. <i>British journal of mathematics and computer science</i> , 8 (4), pp. 330 - 336.	0,67	1,00
Wits-2016-004049	Blecher A , Mansour T, Munagi AO (2015). Some parity statistics in integer partitions. <i>Bulletin of the Polish Academy of Sciences - Mathematics</i> , 63 pp. 123 - 140.	0,33	0,67
Wits-2016-004165	Faye B, Luca F (2015). Pell and Pell-Lucas numbers with only one distinct digit. <i>Annales Mathematicae et Informaticae</i> , 45 pp. 55 - 60.	0,50	0,50
Applicable Analysis And Number Theory Research Uni			
Category: Authored Book			
Submission Type: DoE Submissible			

PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2016 002712	Moller MH , Pivovarchik V (2015). <i>Spectral theory of operator pencils, Hermite-Biehler functions, and their applications</i> (1st Edition ed.). Heidelberg, New York: Springer Science and Business. 429 pp.	2,50	2,50
		2,50	2,50
Applicable Analysis And Number Theory Research Uni			
Category: Chapter in Book			
Submission Type: Other			
PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2016 004169	Ford K, Luca F , Pomerance C, Shallit J (2015). On the parity of the number of small divisors of n In C. Pomerance & M. Rassias (eds.), <i>Analytic number theory</i> (pp. 93-100). Basel: Springer. 978-3-319-22239-4.	0,25	0,25
Applicable Analysis And Number Theory Research Uni			
Category: Conference Contribution			
Submission Type: Other			
PUBNO	PUBLICATION	DEPT	UNIV
		CONTR	CONTR
Wits-2016 005115	Luca F , Tron E The distribution of self-Fibonacci divisors , Ottawa, Canada <i>Advances in the theory of numbers. Proceedings of the thirteenth conference of the Canadian number theory association</i> , 16-Jun-2014 - 20-Jun-2014: pp 149 - 158	0,50	0,50
	Total	19,19	21,35