

ROCS Consolidated Report

Applicable Analysis And Number Theory Research Unit

Category: Journal Article

Submission Type: DOE SUBMISSABLE

Publication No.	Publication	Dept Contr	Univ Contr
WITS-2019-0001531	<u>Knopfmacher Arnold</u> , Ma Shi-Mei, Mansour T, Wagner Stefan (2018). Geometrically distributed Stirling words and Stirling compositions <i>JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS</i> , 2018, 460 pp. 98 - 120. 10.1016/j.jmaa.2017.11.056	0.25	0.25
WITS-2019-0001533	Bartels Casey, <u>Currie Sonja</u> , Nowaczyk Marlena, <u>Watson Bruce</u> (2018). Sturm-Liouville Problems with Transfer Condition Herglotz Dependent on the Eigenparameter: Hilbert Space Formulation <i>INTEGRAL EQUATIONS AND OPERATOR THEORY</i> , 2018, 90 (34) pp. 1 - 20. 10.1007/s00020-018-2463-5	0.50	0.75
WITS-2019-0001539	<u>Currie Sonja</u>, Roth Thomas, <u>Watson Bruce</u> (2018). Eigenvalue Interlacing for first order Differential systems with periodic 2 x 2 matrix potentials and Quasi-Periodic Boundary conditions <i>Operators and Matrices</i> , 2018, 12 (2) pp. 489 - 499. 10.7153/oam-2018-12-30	0.67	1.00
WITS-2019-0001541	Picard Rainer, <u>Watson Bruce</u> (2018). On boundary damped inhomogeneous Timoshenko beams and related problems <i>MATHEMATICAL METHODS IN THE APPLIED SCIENCES</i> , 2018, 41 pp. 1054 - 1061. 10.1002/mma.4124	0.50	0.50
WITS-2019-0001545	Kuo Wen-Chi, Rogans Michael, <u>Watson Bruce</u> (2018). Near-epoch dependence in Riesz spaces <i>JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS</i> , 2018, 467 pp. 462 - 479. 10.1016/j.jmaa.2018.07.019	0.33	1.00
WITS-2019-0001551	<u>Currie Sonja</u>, Roth Thomas, <u>Watson Bruce</u> (2018). Inverse problems for first-order differential systems with periodic 2 x 2 matrix potentials and quasi-periodic boundary conditions <i>MATHEMATICAL METHODS IN THE APPLIED SCIENCES</i> , 2018, 41 pp. 5985 - 5988. 10.1002/mma.5113	0.67	1.00
WITS-2019-0001708	<u>Munagi Augustine</u>, Nyirenda Darlison (2018). On partitions with initial repetitions <i>RAMANUJAN JOURNAL</i> , 2018, 46 (2) pp. 389 - 402. 10.1007/s11139-017-9896-3	0.50	1.00
WITS-2019-0001714	<u>Mphako-Banda Eunice</u> , Kok J, Sudev N.K (2018). Chromatic probability index of certain cycle related graphs <i>Far East Journal of Mathematical Sciences</i> , 2018, 107 (2) pp. 415 - 432. 10.17654/ms107020415	0.33	0.33
WITS-2019-0001715	<u>Mphako-Banda Eunice</u> , Allagan Julian (2018).	0.50	0.50

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	(2018). Formulas for the computation of the Tutte polynomial of graphs with parallel classes <i>Electronic Journal of Graph Theory and Applications</i> , 2018, 6 (1) pp. 113 - 122. 10.5614/ejgta.2018.6.1.8		
WITS-2019-0001716	Shi Minjia, <u>Luca Florian</u> , Sole Patrick	0.33	0.33
	(2018). On the proximity of large primes <i>Mathematica Slovaca</i> , 2018, 68 (5) pp. 981 - 986. 10.1515/ms-2017-0160		
WITS-2019-0001726	<u>Luca Florian</u> , Patel Vandita	0.50	0.50
	(2018). On perfect powers that are sums of two Fibonacci numbers <i>JOURNAL OF NUMBER THEORY</i> , 2018, 189 pp. 90 - 96. 10.1016/j.jnt.2018.02.003		
WITS-2019-0001728	Ruiz Carlos, <u>Luca Florian</u>	0.50	0.50
	(2018). Diophantine quadruples with values in k-generalized Fibonacci numbers <i>Mathematica Slovaca</i> , 2018, 68 (4) pp. 939 - 949. 10.1515/ms-2017-0156		
WITS-2019-0001730	Ruiz Carlos, <u>Luca Florian</u>	0.50	0.50
	(2018). On prime factors of the sum of two k-Fibonacci numbers <i>International Journal of Number Theory</i> , 2018, 14 (4) pp. 1171 - 1195. 10.1142/s1793042118500720		
WITS-2019-0001896	<u>Luca Florian</u> , Togbe A	0.50	0.50
	(2018). On the x-coordinates of Pell equations which are Fibonacci numbers <i>MATHEMATICA SCANDINAVICA</i> , 2018, 122 pp. 18 - 30. 10.7146/math.scand.a-97271		
WITS-2019-0001898	<u>Luca Florian</u> , Polanco Geremias, Zudilin Wadim	0.33	0.33
	(2018). A variation on the theme of Nicomachus <i>BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY</i> , 2018, 97 pp. 367 - 373. 10.1017/s0004972717001411		
WITS-2019-0001900	Cilleruelo Javier, <u>Luca Florian</u> , Baxter Lewis	0.33	0.33
	(2018). Every positive integer is a sum of three palindromes <i>MATHEMATICS OF COMPUTATION</i> , 2018, 87 (314) pp. 3023 - 3055. 10.1090/mcom/3221		
WITS-2019-0001908	Bravo J, Gomez C, <u>Luca Florian</u>	0.33	0.33
	(2018). A Diophantine equation in k-Fibonacci numbers and repdigits <i>COLLOQUIUM MATHEMATICUM</i> , 2018, 152 (2) pp. 299 - 315. 10.4064/cm7149-6-2017		
WITS-2019-0001910	Berczes A, Bilu Y, <u>Luca Florian</u>	0.33	0.33
	(2018). Diophantine equations with products of consecutive members of binary recurrences <i>RAMANUJAN JOURNAL</i> , 2018, 46 (1) pp. 49 - 75. 10.1007/s11139-017-9935-0		
WITS-2019-0001911	Garcia S, <u>Luca Florian</u> , Schaaff Timothy	0.33	0.33
	(2018). Primitive root biases for prime pairs I: Existence and non-totality of biases		

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	<i>JOURNAL OF NUMBER THEORY</i> , 2018, 185 pp. 93 - 120. 10.1016/j.jnt.2017.10.023		
WITS-2019-0001913	Bordelles Olivier, <u>Luca Florian</u> , Shparlinski Igor (2018). On the error term of a lattice counting problem <i>JOURNAL OF NUMBER THEORY</i> , 2018, 182 pp. 19 - 36. 10.1016/j.jnt.2017.07.019	0.33	0.33
WITS-2019-0001920	Bordelles O, <u>Luca Florian</u> , Moree P, Shparlinski Igor (2018). Denominators of Bernoulli polynomials <i>MATHEMATIKA</i> , 2018, 64 pp. 519 - 541. 10.1112/s0025579318000153	0.25	0.25
WITS-2019-0002069	Bazso A, Berczes A, Hajdu L, <u>Luca Florian</u> (2018). Polynomial values of sums of products of consecutive integers <i>MONATSHEFTE FUR MATHEMATIK</i> , 2018, 187 pp. 21 - 34. 10.1007/s00605-017-1130-2	0.25	0.25
WITS-2019-0002070	Fuchs C, Hutle C, <u>Luca Florian</u> , Szalay L (2018). Diophantine Triples and k-Generalized Fibonacci Sequences <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2018, 41 pp. 1449 - 1465. 10.1007/s40840-016-0405-4	0.25	0.25
WITS-2019-0002072	Bilu Y, Deshouillers Jean-Marc, Gun Sanoli, <u>Luca Florian</u> (2018). Random ordering in modulus of consecutive Hecke eigenvalues of primitive forms <i>COMPOSITIO MATHEMATICA</i> , 2018, 154 pp. 2441 - 2461. 10.1112/s0010437X18007455	0.25	0.25
WITS-2019-0002074	Elsholtz Christian, <u>Luca Florian</u> , Planitzer Stefan (2018). Romanov type problems <i>RAMANUJAN JOURNAL</i> , 2018, 47 pp. 267 - 289. 10.1007/s11139-017-9972-8	0.33	0.33
WITS-2019-0002075	Bravo Eric, Ruiz Carlos, <u>Luca Florian</u> (2018). x-coordinates of Pell equations as sums of two tribonacci numbers <i>Periodica Mathematica Hungarica</i> , 2018, 77 pp. 175 - 190. 10.1007/s10998-017-0226-8	0.33	0.33
WITS-2019-0002077	DDamulira M, Gomez C, <u>Luca Florian</u> (2018). On a problem of Pillai with k-generalized Fibonacci numbers and powers of 2 <i>MONATSHEFTE FUR MATHEMATIK</i> , 2018, 187 pp. 635 - 664. 10.1007/s00605-018-1155-1	0.33	0.33
WITS-2019-0002078	Normenyo Benedict, <u>Luca Florian</u> , Togbe A (2018). Repdigits as sums of three Pell numbers <i>Periodica Mathematica Hungarica</i> , 2018, 77 pp. 318 - 328. 10.1007/s10998-018-0247-y	0.33	0.33
WITS-2019-0002079	Guloglu Ahmet M, <u>Luca Florian</u> , Yalciner Aynur (2018). Arithmetic properties of coefficients of L-functions of elliptic curves <i>MONATSHEFTE FUR MATHEMATIK</i> , 2018, 187 pp. 247 - 273. 10.1007/s00605-018-1175-x	0.33	0.33
WITS-2019-0002085	Fujita Y, <u>Luca Florian</u>	0.50	0.50

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	(2018). There are no Diophantine quadruples of Fibonacci numbers <i>ACTA ARITHMETICA</i> , 2018, 185 (1) pp. 19 - 38. 10.4064/aa170613-8-12		
WITS-2019-0002126	Faye Bernadette, <u>Luca Florian</u>	0.50	1.00
	(2018). On X-coordinates of Pell equations that are repdigits <i>Fibonacci Quarterly</i> , 2018, 56 (1) pp. 52 - 62. None		
WITS-2019-0002168	<u>Luca Florian</u>, Srinivasan Anitha	0.50	0.50
	(2018). Markov equation with Fibonacci components <i>Fibonacci Quarterly</i> , 2018, 56 (2) pp. 126 - 129. None		
WITS-2019-0002169	Normenyo B, <u>Luca Florian</u> , Togbe A	0.33	0.33
	(2018). Repdigits as Sums of Four Fibonacci or Lucas Numbers <i>Journal of Integer Sequences</i> , 2018, 21 (18.7.7) pp. 1 - 30. NONE		
WITS-2019-0002170	Kafle B, <u>Luca Florian</u> , Togbe A	0.33	0.33
	(2018). Triangular repblocks <i>Fibonacci Quarterly</i> , 2018, 56 (4) pp. 325 - 328. None		
WITS-2019-0002171	<u>Blecher Aubrey, Brennan Charlotte, Knopfmacher Arnold</u>	1.00	1.00
	(2018). Capacity of words <i>Journal of Combinatorial Mathematics and Combinatorial Computing</i> , 2018, 107 pp. 249 - 258. None		
WITS-2019-0003049	<u>Munagi Augustine</u> , Sellers James	0.50	0.50
	(2018). Generalizing in place multiplicity identities for integer compositions <i>Quaestiones Mathematicae</i> , 2018, 41 (1) pp. 41 - 48. 10.2989/16073606.2017.1370030		
WITS-2019-0003051	<u>Munagi Augustine</u>	1.00	1.00
	(2018). Set partitions with isolated singletons <i>AMERICAN MATHEMATICAL MONTHLY</i> , 2018, 125 (5) pp. 447 - 452. 10.1080/00029890.2018.1430960		
WITS-2019-0003056	<u>Munagi Augustine</u>	1.00	1.00
	(2018). Integer Compositions and Higher-Order Conjugation <i>Journal of Integer Sequences</i> , 2018, 21 (18.8.5) pp. 1 - 22. NONE		
WITS-2019-0003063	<u>Archibald Margaret, Blecher Aubrey, Brennan Charlotte, Knopfmacher Arnold</u> , Mansour Toufik	0.80	0.80
	(2018). Durfee squares in compositions <i>Discrete Mathematics and Applications</i> , 2018, 28 (6) pp. 359 - 367. 1515/DMA-2018-0032		
WITS-2019-0003126	Phakathi Jabulani, Toko Wilson, <u>Zelenyuk Yevhen, Zelenyuk Yuliya</u>	0.50	1.00
	(2018). Symmetric colorings of the dihedral group <i>COMMUNICATIONS IN ALGEBRA</i> , 2018, 46 (4) pp. 1554 - 1559.		

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WITS-2019-0003698	10.1080/00927872.2017.1350694 <u>Blecher Aubrey</u>, <u>Brennan Charlotte</u>, <u>Knopfmacher Arnold</u>	1.00	1.00
	(2018). The water capacity of integer compositions <i>Online Journal of Analytic Combinatorics</i> , 2018, 13 (6) pp. 1 - 14. None		
WITS-2019-0004316	Hassi Seppo, <u>Moller Manfred</u> , de Snoo Henk	0.33	0.33
	(2018). Limit-point/limit-circle classification for Hain-Lüst type equations <i>MATHEMATISCHE NACHRICHTEN</i> , 2018, 291 pp. 652 - 668. 10.1002/mana.201600254		
WITS-2019-0004317	Fuchs C, Hutle C, <u>Luca Florian</u>	0.33	0.33
	(2018). Diophantine triples in linear recurrences of Pisot type <i>Research in Number Theory</i> , 2018, 4 (29) pp. 1 - 22. 10.1007/s40993-018-0121-2		

Category: Chapter In Book**Submission Type: DOE SUBMISSABLE**

Publication No.	Publication	Dept Contr	Univ Contr
WITS-2019-0002593	Garcia S, <u>Luca Florian</u>	0.50	0.50
	(2018). On the Difference in Values of the Euler Totient Function Near Prime Arguments Chapter 4 In M. Rassias & J. Pintz (eds.), Irregularities in the Distribution of Prime Numbers (pp. 69-96). : Springer. 978-3-319-92776-3		
WITS-2019-0003141	<u>Toko Wilson</u>, <u>Zelenyuk Yevhen</u>, <u>Zelenyuk Yuliya</u>	0.34	0.50
	(2018). Discrete nonclosed subsets in maximally nondiscrete topological groups Chapter 15 In A.A. Katz (eds.), Topological Algebras and their Applications (pp. 221-232). BERLIN : De Gruyter. 978-3-11-041433-2		

Category: Conference Proceeding**Submission Type: NOT ACCREDITED**

Publication No.	Publication	Dept Contr	Univ Contr
WITS-2019-0002575	<u>Currie Sonja</u> , Nowaczyk Marlana, <u>Watson Bruce</u>	0.34	0.33
	Inverse problems with a general transfer condition Timisoara, Georgia Operator Theory: Themes and Variations 06-27-2016 - 07-02-2016 : pp 131 - 145		

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School of Mathematics

Category: Journal Article

Submission Type: DOE SUBMISSABLE

Publication No.	Publication	Dept Contr	Univ Contr
WITS-2019-0000863	Lee Gregory, Davison Alexander (2018). Designing payroll levies for firm training <i>INTERNATIONAL JOURNAL OF MANPOWER</i> , 2018, 39 (6) pp. 766 - 781. 10.1108/IJM-01-2017-0009	0.50	1.00
WITS-2019-0001495	Bansal A, Kara Abdul , Biswas A, Moshokoa S, Belic M (2018). Optical soliton perturbation, group invariants and conservation laws of perturbed Fokas-Lenells equation <i>CHAOS SOLITONS & FRACTALS</i> , 2018, 114 pp. 275 - 280. 10.1016/j.chaos.2018.06.030	0.20	0.20
WITS-2019-0001507	Anco S, Kara Abdul (2018). Symmetry-invariant conservation laws of partial differential equations <i>EUROPEAN JOURNAL OF APPLIED MATHEMATICS</i> , 2018, 29 pp. 78 - 117. 10.1017/S0956792517000055	0.50	0.50
WITS-2019-0001511	Kara Abdul , Biswas A, Zhou Q, Moraru Luminita, Moshokoa S, Belic M (2018). Conservation laws for optical solitons with Chen-Lee-Liu equation <i>OPTIK</i> , 2018, 174 pp. 195 - 198. 10.1016/j.ijleo.2018.08.067	0.17	0.17
WITS-2019-0001514	Turgut A, Aydemir T, Saha Asit, Kara Abdul (2018). Propagation of nonlinear shock waves for the generalised Oskolkov equation and its dynamic motions in the presence of an external periodic perturbation <i>PRAMANA-JOURNAL OF PHYSICS</i> , 2018, 90 (78) pp. 1 - 16. 10.1007/s12043-018-1564-7	0.25	0.25
WITS-2019-0001516	Wang Gang-Wei, Kara Abdul (2018). Group Analysis, Fractional Explicit Solutions and Conservation Laws of Time Fractional Generalized Burgers Equation <i>COMMUNICATIONS IN THEORETICAL PHYSICS</i> , 2018, 69 (1) pp. 5 - 8. 10.1088/0253-6102/69/1/5	0.50	0.50
WITS-2019-0001519	Shabbir G, Ramzan M, Kara Abdul (2018). A note on proper curvature symmetry in general cylindrically symmetric four-dimensional Lorentzian manifolds <i>INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS</i> , 2018, 15 (1850105) pp. 1 - 20. 10.1142/S0219887818501050	0.33	0.33
WITS-2019-0001521	Kara Abdul , Biswas A, Zhou Q, Moshokoa S, Alfiras Mohanad, Belic M (2018). Conservation laws for optical solitons with non-local nonlinearity <i>OPTIK</i> , 2018, 178 pp. 846 - 849. 10.1016/j.ijleo.2018.10.082	0.17	0.17
WITS-2019-0001533	Bartels Casey, Currie Sonja , Nowaczyk Marlena, Watson Bruce (2018). Sturm-Liouville Problems with Transfer Condition Herglotz Dependent on the Eigenparameter: Hilbert Space Formulation	0.25	0.75

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	<i>INTEGRAL EQUATIONS AND OPERATOR THEORY</i> , 2018, 90 (34) pp. 1 - 20. 10.1007/s00020-018-2463-5		
WITS-2019-0001539	Currie Sonja, <u>Roth Thomas</u>, Watson Bruce (2018). Eigenvalue Interlacing for first order Differential systems with periodic 2 x 2 matrix potentials and Quasi-Periodic Boundary conditions <i>Operators and Matrices</i> , 2018, 12 (2) pp. 489 - 499. 10.7153/oam-2018-12-30	0.33	1.00
WITS-2019-0001545	<u>Kuo Wen-Chi</u>, Rogans Michael, Watson Bruce (2018). Near-epoch dependence in Riesz spaces <i>JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS</i> , 2018, 467 pp. 462 - 479. 10.1016/j.jmaa.2018.07.019	0.33	1.00
WITS-2019-0001551	Currie Sonja, <u>Roth Thomas</u>, Watson Bruce (2018). Inverse problems for first-order differential systems with periodic 2 x 2 matrix potentials and quasi-periodic boundary conditions <i>MATHEMATICAL METHODS IN THE APPLIED SCIENCES</i> , 2018, 41 pp. 5985 - 5988. 10.1002/mma.5113	0.33	1.00
WITS-2019-0001707	<u>Folly-Gbetoula Mensah</u>, <u>Nyirenda Darlison</u> (2018). On a class of seventh-order difference equations <i>Far East Journal of Mathematical Sciences</i> , 2018, 107 (2) pp. 339 - 356. 10.17654/ms107020339	1.00	1.00
WITS-2019-0001708	Munagi Augustine, <u>Nyirenda Darlison</u> (2018). On partitions with initial repetitions <i>RAMANUJAN JOURNAL</i> , 2018, 46 (2) pp. 389 - 402. 10.1007/s11139-017-9896-3	0.50	1.00
WITS-2019-0001712	<u>Olela Otafudu Olivier</u> (2018). Some aspects of Isbell-convex quasi-metric spaces <i>Applied General Topology</i> , 2018, 19 (1) pp. 173 - 187. 10.4995/agt.2018.7997	1.00	1.00
WITS-2019-0001723	<u>Pravica David</u>, Randriampiry Njinaso, <u>Spurr Michael</u> (2018). Solutions of a class of multiplicatively advanced differential equations <i>COMPTEs RENDUS MATHEMATIQUE</i> , 2018, 356 pp. 776 - 817. 10.1016/j.crma.2018.05.011	0.67	0.67
WITS-2019-0002119	<u>Kara Abdul</u> (2018). On the Relationship between the Invariance and Conservation Laws of Differential Equations <i>Journal of Mathematics</i> , 2018, 2018 (2952583) pp. 1 - 5. 10.1152/2018/2952583	1.00	1.00
WITS-2019-0002120	<u>Alqurashi Bader</u>, <u>Kara Abdul</u>, Akca H (2018). Image Processing and 'Noise Removal Algorithms' - The Pdes and Their Invariance Properties & Conservation Laws <i>ACTA APPLICANDAE MATHEMATICAE</i> , 2018, 153 pp. 163 - 169. 10.1007/s10440-017-0125-2	0.67	0.67
WITS-2019-0002121	Biswas Anjan, <u>Kara Abdul</u> , Alqahtani Rubayyi T, Ullah M, Triki H, Belic M	0.17	0.17

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	(2018). Conservation laws for optical solitons of Lakshmanan-Porsezian-Daniel model <i>Proceedings of the Romanian Academy Series A-Mathematics Physics Technical Sciences Information Science</i> , 2018, 19 (1) pp. 39 - 44. None		
WITS-2019-0002123	<u>Folly-Gbetoula Mensah, Mamba Siphamandla, Kara Abdul</u>	1.00	1.00
	(2018). Symmetry analysis and conservation laws of some third-order difference equations <i>JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS</i> , 2018, 24 (1) pp. 1 - 14. 10.1080/10236198.2017.1382486		
WITS-2019-0002124	<u>Mnquni Nkosingiphile, Folly-Gbetoula Mensah</u>	1.00	1.00
	(2018). Invariance analysis of a third-order difference equation with variable coefficients <i>Dynamics of Continuous, Discrete and Impulsive Systems Series B: Applications and Algorithms</i> , 2018, 25 pp. 63 - 73. None		
WITS-2019-0002125	Gabeleh M, <u>Olela Otafudu Olivier</u> , Shahzad N	0.33	0.33
	(2018). Best proximity point results using proximal normal structure revisited <i>Journal of Nonlinear and Convex Analysis</i> , 2018, 19 (4) pp. 603 - 615. None		
WITS-2019-0002126	<u>Faye Bernadette, Luca Florian</u>	0.50	1.00
	(2018). On X-coordinates of Pell equations that are repdigits <i>Fibonacci Quarterly</i> , 2018, 56 (1) pp. 52 - 62. None		
WITS-2019-0003033	<u>Jamal Sameerah</u> , Shabbir Ghulam	0.50	0.50
	(2018). Potential functions admitted by well-known spherically symmetric static spacetimes <i>REPORTS ON MATHEMATICAL PHYSICS</i> , 2018, 81 (2) pp. 201 - 212. NONE		
WITS-2019-0003035	<u>Jamal Sameerah, Mnquni Nkosingiphile</u>	1.00	1.00
	(2018). Approximate conditions admitted by classes of the Lagrangian $L = 1/2 (-u'^2 + u^2) + \epsilon_i G_i(u, u', u'')$ <i>APPLIED MATHEMATICS AND COMPUTATION</i> , 2018, 335 (N/A) pp. 65 - 74. 10.1016/J.AMC.2018.04.020		
WITS-2019-0003037	Paliathanasis A, <u>Jamal Sameerah</u>	0.50	0.50
	(2018). Approximate Noether symmetries and collineations for regular perturbative Lagrangians <i>JOURNAL OF GEOMETRY AND PHYSICS</i> , 2018, 124 (N/A) pp. 300 - 310. 10.1016/J.GEOMPHYS.2017.11.015		
WITS-2019-0003038	<u>Jamal Sameerah</u>	1.00	1.00
	(2018). V (xi) Functions induced by algebraically special vacuum spaces <i>Romanian Reports in Physics</i> , 2018, 70 (107) pp. 1 - 13. None		
WITS-2019-0003039	<u>Jamal Sameerah</u>	1.00	1.00
	(2018). Solutions for ultra-broad beam propagation in a planar waveguide with Kerr-like nonlinearity		

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	<i>JOURNAL OF NONLINEAR OPTICAL PHYSICS & MATERIALS</i> , 2018, 27 (3) pp. 1 - 13. 10.1142/S0218863518500327		
WITS-2019-0003041	<u>Jamal Sameerah</u> , Shabbir Ghulam, <u>Mathebula Agreement</u> (2018). Noether symmetry classifications of generalized diagonal spaces <i>INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS</i> , 2018, 15 (1850191) pp. 1 - 12. 10.1142/S0219887818501918	0.67	0.67
WITS-2019-0003042	Shabbir Ghulam, Ramzan M, Hussain F, <u>Jamal Sameerah</u> (2018). Classification of static spherically symmetric space-times in f (R) theory of gravity according to their conformal vector fields <i>INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS</i> , 2018, 15 (1850193) pp. 1 - 7. 10.1142/S0219887818501931	0.25	0.25
WITS-2019-0003045	<u>Jamal Sameerah</u> (2018). Solutions of quasi-geostrophic turbulence in multi-layered configurations <i>Quaestiones Mathematicae</i> , 2018, 41 (3) pp. 409 - 421. 10.2989/16073606.2017.1383947	1.00	1.00
WITS-2019-0003054	<u>Nyirenda Darlison</u> (2018). A note on a finite version of Euler's partition identity <i>Australasian Journal of Combinatorics</i> , 2018, 71 (2) pp. 241 - 245. None	1.00	1.00
WITS-2019-0003057	<u>Conradie Willem</u> , Durhan Salih, Sciavicco Guido (2018). An integrated first-order theory of points and intervals over linear orders (part I) <i>Logical Methods in Computer Science</i> , 2018, 14 (2) pp. 1 - 40. 10.23638/LMCS-14(2:15)2018	0.33	0.33
WITS-2019-0003060	<u>Hardy Yorick</u> , Fosner Ajda (2018). Linear maps preserving Kronecker quotients <i>LINEAR ALGEBRA AND ITS APPLICATIONS</i> , 2018, 556 (N/A) pp. 200 - 209. 10.1016/J.LAA.2018.07.021	0.50	0.50
WITS-2019-0003126	<u>Phakathi Jabulani</u> , <u>Toko Wilson</u> , Zelenyuk Yevhen, Zelenyuk Yuliya (2018). Symmetric colorings of the dihedral group <i>COMMUNICATIONS IN ALGEBRA</i> , 2018, 46 (4) pp. 1554 - 1559. 10.1080/00927872.2017.1350694	0.50	1.00
WITS-2019-0003158	<u>Jamal Sameerah</u> (2018). nth-Order Approximate Lagrangians Induced by Perturbative Geometries <i>MATHEMATICAL PHYSICS ANALYSIS AND GEOMETRY</i> , 2018, 21 (25) pp. 1 - 9. 10.1007/S11040-018-9283-3	1.00	1.00
WITS-2019-0003745	Gabeleh M, <u>Olela Otafudu Olivier</u> , Shahzad N (2018). Coincidence Best Proximity Points in Convex Metric Spaces <i>Filomat</i> , 2018, 32 (7) pp. 2451 - 2463. 10.2298/FIL1807451G	0.33	0.33

Submission Type: NOT ACCREDITED/PENDING VERIFICATION

Publication No.	Publication	Dept Contr	Univ Contr
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ROCS Consolidated Report

WITS-2019-0001725 **Pravica David**, Randriampiry N, **Spurr Michael** 0.67 0.67
 (2018).
 On q-advanced spherical Bessel functions of the first kind and perturbations of the Haar wavelet

APPLIED AND COMPUTATIONAL HARMONIC ANALYSIS, 2018, 44 pp. 350 - 413.
 10.1016/j.acha.2016.05.003

Category: Chapter In Book

Submission Type: DOE SUBMISSABLE

Publication No.	Publication	Dept Contr	Univ Contr
WITS-2019-0003141	<u>Toko Wilson</u> , <u>Zelenyuk Yevhen</u> , <u>Zelenyuk Yuliya</u> (2018). Discrete nonclosed subsets in maximally nondiscrete topological groups Chapter 15 In A.A. Katz (eds.), Topological Algebras and their Applications (pp. 221-232). BERLIN : De Gruyter. 978-3-11-041433-2	0.17	0.50