

## 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-2020-0000708	Faye B, <u>Luca Florian</u> , Moree P (2019). On the discriminator of Lucas sequences <i>Annales Mathematiques du Quebec</i> , 2019, 43 (1) pp. 51 - 71. 10.1007/s40316-017-0097-7	0.33	0.33
WITS-2020-0000737	<u>Luca Florian</u> , Riffaut Antonin (2019). LINEAR INDEPENDENCE OF POWERS OF SINGULAR MODULI OF DEGREE THREE <i>BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY</i> , 2019, 99 (1) pp. 42 - 50. 10.1017/S0004972718000965	0.50	0.50
WITS-2020-0000776	<u>Zelenyuk Yevhen</u> (2019). A locally compact noncompact monothetic semigroup with identity <i>FUNDAMENTA MATHEMATICAE</i> , 2019, 245 (1) pp. 101 - 107. 10.4064/fm535-3-2018	1.00	1.00
WITS-2020-0000802	Ruiz Carlos, <u>Luca Florian</u> (2019). On the zero-multiplicity of a fifth-order linear recurrence <i>International Journal of Number Theory</i> , 2019, 15 (3) pp. 585 - 595. 10.1142/S1793042119500301	0.50	0.50
WITS-2020-0000803	<u>Luca Florian</u> , Moree P, Osburn Robert, Eddin Sumaia Saad, Sedunova Alisa (2019). Constrained ternary integers <i>International Journal of Number Theory</i> , 2019, 15 (2) pp. 407 - 431. 10.1142/S1793042119500210	0.20	0.20
WITS-2020-0000865	<u>Luca Florian</u> , Radziwill Maksym, Shparlinski Igor (2019). On the typical size and cancellations among the coefficients of some modular forms <i>MATHEMATICAL PROCEEDINGS OF THE CAMBRIDGE PHILOSOPHICAL SOCIETY</i> , 2019, 166 (1) pp. 173 - 189. 10.1017/S0305004117000780	0.33	0.33
WITS-2020-0000906	<u>Mphako-Banda Eunice</u> (2019). An introduction to the k-defect polynomials <i>Quaestiones Mathematicae</i> , 2019, 42 (2) pp. 207 - 216. 10.2989/16073606.2018.1443168	1.00	1.00
WITS-2020-0000911	Heim B, <u>Luca Florian</u> , Neuhauser M (2019). On cyclotomic factors of polynomials related to modular forms <i>RAMANUJAN JOURNAL</i> , 2019, 48 (2) pp. 445 - 458. 10.1007/s11139-017-9980-8	0.33	0.33
WITS-2020-0000926	<u>Zelenyuk Yevhen</u> (2019). Semigroup extensions of Abelian topological groups <i>SEMIGROUP FORUM</i> , 2019, 98 (1) pp. 9 - 21.	1.00	1.00

## ROCS Consolidated Report

WITS-2020-0001497	10.1007/s00233-018-9919-4 <b>Knopfmacher Arnold</b> , Mays Mike, Wagner S (2019). Compositions with a fixed number of inversions <i>Aequationes Mathematicae</i> , 2019, 93 pp. 601 - 617. DOI 10.1007/s00010-018-0563-6	0.33	0.33
WITS-2020-0001611	<b>Luca Florian</b> , Normenyo B, Togbe A (2019). Repdigits as sums of four Pell numbers <i>Boletin de la Sociedad Matematica Mexicana</i> , 2019, 25 (2) pp. 249 - 266. 10.1007/s40590-018-0202-1	0.33	0.33
WITS-2020-0001613	Heim Bernhard, <b>Luca Florian</b> , Neuhauser Markus (2019). Recurrence relations for polynomials obtained by arithmetic functions <i>International Journal of Number Theory</i> , 2019, 15 (6) pp. 1291 - 1303. 10.1142/s1793042119500726	0.33	0.33
WITS-2020-0001616	Hancl Jaroslav, <b>Luca Florian</b> (2019). Irrationality of Infinite Series <i>Mediterranean Journal of Mathematics</i> , 2019, 16 (89) pp. 1 - 13. 10.1007/s00009-019-1373-3	0.50	0.50
WITS-2020-0001625	Erazo Harold S, Gomez C, <b>Luca Florian</b> (2019). On Pillai's problem with X -coordinates of Pell equations and powers of 2 <i>JOURNAL OF NUMBER THEORY</i> , 2019, 203 pp. 294 - 309. 10.1016/j.jnt.2019.03.010	0.33	0.33
WITS-2020-0001629	<b>Luca Florian</b> , Odjoumani Japhet, Togbe A (2019). Pell factoriangular numbers <i>Publications de l'Institut Mathematique</i> , 2019, 105 (119) pp. 93 - 100. 10.2298/PIM1919093L	0.33	0.33
WITS-2020-0001630	<b>Luca Florian</b> , Normenyo B, Togbe A (2019). Repdigits as sums of three Lucas numbers <i>COLLOQUIUM MATHEMATICUM</i> , 2019, 156 (2) pp. 255 - 265. 10.4064/cm7433-4-2018	0.33	0.33
WITS-2020-0001639	Lomeli Ana Cecilia Garcia, Hernandez Santos , <b>Luca Florian</b> (2019). Pillai's problem with the padovan and tribonacci sequences <i>Indian Journal of Mathematics</i> , 2019, 61 (1) pp. 61 - 75. N/A	0.33	0.33
WITS-2020-0001867	Yang Shichun, <b>Luca Florian</b> , Togbe A (2019). On a divisibility problem <i>Mathematica Bohemica</i> , 2019, 144 (2) pp. 125 - 135. 10.21136/MB.2018.0058-17	0.33	0.33
WITS-2020-0001869	Garcia S, Kahoro Elvis, <b>Luca Florian</b> (2019). Primitive Root Bias for Twin Primes <i>EXPERIMENTAL MATHEMATICS</i> , 2019, 28 (2) pp. 151 - 160. 10.1080/10586458.2017.1360809	0.33	0.33
WITS-2020-0001873	<b>Mphako-Banda Eunice</b> , Ncambalala Thokozani (2019). Hosoya polynomial of the subdivided join <i>Kuwait Journal of Science</i> , 2019, 46 (2) pp. 6 - 11.	0.50	1.00

## ROCS Consolidated Report

	N/A		
WITS-2020-0001876	<b>Phakathi Jabulani, Singh Shivani, <u>Zelenyuk Yevhen</u>, <u>Zelenyuk Yuliya</u></b> (2019). Counting symmetric colorings of $G \times Z^2$ <i>JOURNAL OF ALGEBRA AND ITS APPLICATIONS</i> , 2019, 18 (10) pp. 1 - 7. 10.1142/S0219498819501998	0.50	1.00
WITS-2020-0001878	<b>Singh Shivani, <u>Zelenyuk Yuliya</u></b> (2019). Alternating colourings of the vertices of a regular polygon <i>BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY</i> , 2019, 100 (2) pp. 177 - 181. 10.1017/S0004972719000157	0.50	1.00
WITS-2020-0001879	Keyantuo Valentin, <b><u>Zelenyuk Yevhen</u></b> (2019). Semigroup completions of locally compact Abelian groups <i>TOPOLOGY AND ITS APPLICATIONS</i> , 2019, 263 pp. 199 - 208. 10.1016/j.topol.2019.06.036	0.50	0.50
WITS-2020-0002391	De Koninck Jean-Marie, <b><u>Luca Florian</u></b> (2019). Consecutive integers with close kernels <i>CANADIAN MATHEMATICAL BULLETIN-BULLETIN CANADIEN DE MATHÉMATIQUES</i> , 2019, 62 (3) pp. 469 - 473. 10.4153/S0008439518000085	0.50	0.50
WITS-2020-0002599	<b><u>Luca Florian</u></b> , Pappalardi Francesco (2019). On ternary Egyptian fractions with prime denominator <i>Research in Number Theory</i> , 2019, 5 (34) pp. 1 - 14. 10.1007/s40993-019-0172-z	0.50	0.50
WITS-2020-0002600	Banderier Cyril, <b><u>Luca Florian</u></b> (2019). On the period mod $m$ of polynomially-recursive sequences: A case study <i>Journal of Integer Sequences</i> , 2019, 22 (5) pp. 1 - 14. None	0.50	0.50
WITS-2020-0002603	<b><u>Luca Florian</u></b> , Stanica P (2019). Perfect Squares as Concatenation of Consecutive Integers <i>AMERICAN MATHEMATICAL MONTHLY</i> , 2019, 126 (8) pp. 728 - 734. 10.1080/00029890.2019.1632628	0.50	0.50
WITS-2020-0002609	Bravo E, Gomez C, <b><u>Luca Florian</u></b> (2019). Product of consecutive tribonacci numbers with only one distinct digit <i>Journal of Integer Sequences</i> , 2019, 22 (6) pp. 1 - 8. None	0.33	0.33
WITS-2020-0002674	Garcia Victor C, <b><u>Luca Florian</u></b> (2019). A note on Fibonomial coefficients <i>Functiones et Approximatio, Commentarii Mathematici</i> , 2019, 60 (2) pp. 143 - 153. 10.7169/facm/1697	0.50	0.50
WITS-2020-0002676	Kafle B, <b><u>Luca Florian</u></b> , Montejano A, Szalay L, Togbe A (2019). On the X-coordinates of Pell equations which are products of two Fibonacci numbers <i>JOURNAL OF NUMBER THEORY</i> , 2019, 203 pp. 310 - 333. 10.1016/j.jnt.2019.03.011	0.20	0.20

## ROCS Consolidated Report

WITS-2020-0002680	Rihane S, Faye Bernadette, <u>Luca Florian</u> , Togbe A (2019). On the exponential Diophantine equation $P_{xn} + P_{xn+1} = P_m$  <i>Turkish Journal of Mathematics</i> , 2019, 43 pp. 1640 - 1649. 10.3906/mat-1810-130	0.25	0.25
WITS-2020-0002745	Gomez C, <u>Luca Florian</u> , Orozco Jose L (2019). The zero-multiplicity of Berstel type sequences <i>Bulletin Mathematique de la Societe des Sciences Mathematiques de Roumanie</i> , 2019, 62 (3) pp. 265 - 275. None	0.33	0.33
WITS-2020-0002754	Adegbindin Chefiath, <u>Luca Florian</u> , Togbe A (2019). Lucas numbers as sums of two repdigits <i>Lithuanian Mathematical Journal</i> , 2019, 59 (3) pp. 295 - 304. 10.1007/s10986-019-09451-y	0.33	0.33
WITS-2020-0002755	Hernandez S, <u>Luca Florian</u> , Rivera Luis Manuel (2019). On Pillai's problem with the Fibonacci and Pell sequences <i>Boletin de la Sociedad Matematica Mexicana</i> , 2019, 25 pp. 495 - 507. 10.1007/s40590-018-0223-9	0.33	0.33
WITS-2020-0002756	Kafle B, <u>Luca Florian</u> , Togbe A (2019). X-coordinates of Pell equations which are Lucas numbers <i>Boletin de la Sociedad Matematica Mexicana</i> , 2019, 25 pp. 481 - 493. 10.1007/s40590-018-022-y	0.33	0.33
WITS-2020-0002757	Kafle B, <u>Luca Florian</u> , Togbe A (2019). x-coordinates of Pell equations which are Tribonacci numbers II <i>Periodica Mathematica Hungarica</i> , 2019, 79 pp. 157 - 167. 10.1007/s10998-018-0264-x	0.33	0.33
WITS-2020-0002759	<u>Luca Florian</u> (2019). Diophantine S-Quadruples with two primes which are twin <i>ACTA MATHEMATICA HUNGARICA</i> , 2019, 159 (2) pp. 589 - 602. 10.1007/s10474-019-00942-5	1.00	1.00
WITS-2020-0002760	Altassan Alaa, <u>Luca Florian</u> (2019). On a curious property of F184 <i>Fibonacci Quarterly</i> , 2019, 57 (4) pp. 363 - 365. None	0.50	0.50
WITS-2020-0002761	Dujella Andrej, <u>Luca Florian</u> (2019). On fundamental units of real quadratic fields of class number 1 <i>ARCHIV DER MATHEMATIK</i> , 2019, 113 pp. 349 - 353. 10.1007/s00013-019-01355-0	0.50	0.50
WITS-2020-0003431	<u>Blecher Aubrey</u> , <u>Brennan Charlotte</u> , <u>Knopfmacher Arnold</u> , Shattuck Mark (2019). Capacity of permutations <i>Annales Mathematicae et Informaticae</i> , 2019, 50 pp. 39 - 56. 10.33039/ami.2019.03.004	0.75	0.75
WITS-2020-0003432	<u>Archibald Margaret</u> , <u>Blecher Aubrey</u> , <u>Knopfmacher Arnold</u>	1.00	1.00

## ROCS Consolidated Report

	(2019). Distinct r-tuples in integer partitions <i>RAMANUJAN JOURNAL</i> , 2019, 50 pp. 237 - 252. 10.1007/s11139-019-00180-x		
WITS-2020-0003600	Bravo J, <b><u>Luca Florian</u></b>	0.50	0.50
	(2019). Perfect pell and Pell-Lucas numbers <i>STUDIA SCIENTIARUM MATHEMATICARUM HUNGARICA</i> , 2019, 56 (4) pp. 381 - 387. 10.1556/012.2019.56.4.1440		
WITS-2020-0003602	Lomeli A, Hernandez S, <b><u>Luca Florian</u></b>	0.33	0.33
	(2019). Pillai's problem with the Fibonacci and Padovan sequences <i>Annales Mathematicae et Informaticae</i> , 2019, 50 pp. 101 - 115. 10.33039/ami.2019.09.001		
WITS-2020-0003606	<b><u>Luca Florian</u></b> , Togan Sossa Victorin, Togbe A	0.33	0.33
	(2019). On the X - coordinates of Pell equations which are rep-digits, II <i>Annales Mathematicae et Informaticae</i> , 2019, 50 pp. 131 - 144. 10.33039/ami.2018.12.002		
WITS-2020-0003610	Rihane S, Faye B, <b><u>Luca Florian</u></b> , Togbe A	0.25	0.25
	(2019). An exponential Diophantine equation related to the difference between powers of two consecutive Balancing numbers <i>Annales Mathematicae et Informaticae</i> , 2019, 50 pp. 167 - 177. 10.33039/ami.2019.03.001		
WITS-2020-0003681	<b><u>Munagi Augustine</u></b>	1.00	1.00
	(2019). Combinatory Classes of Compositions with Higher Order Conjugation <i>Annals of Combinatorics</i> , 2019, 23 pp. 917 - 934. 10.1007/s00026-019-00471-6		
WITS-2020-0003692	<b>Kuo Wen-Chi, Rodda David, <u>Watson Bruce</u></b>	0.33	1.00
	(2019). Strong sequential completeness of the natural domain of a conditional expectation operator in Riesz spaces <i>PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY</i> , 2019, 147 (4) pp. 1597 - 1603. 10.1090/prod/14341		
WITS-2020-0003698	<b><u>Luca Florian</u></b> , Mabaso Sibusiso	0.50	0.50
	(2019). Diophantine equations with the Ramanujan T function of factorials, Fibonacci numbers, and catalan numbers <i>Fibonacci Quarterly</i> , 2019, 57 (3) pp. 255 - 259. None		
WITS-2020-0004535	<b><u>Munagi Augustine</u></b>	1.00	1.00
	(2019). Inverse-Conjugate Compositions Modulo m <i>Journal of Combinatorial Mathematics and Combinatorial Computing</i> , 2019, 110 pp. 249 - 257. None		

## ROCS Consolidated Report

## School of Mathematics

## Category: Journal Article

## Submission Type: DOE SUBMISSABLE

Publication No.	Publication	Dept Contr	Univ Contr
WITS-2020-0000058	Shabbir Ghulam, Hussain F, <b><u>Kara Abdul</u></b> , Ramzan M (2019). A note on some perfect fluid Kantowski-Sachs and Bianchi type III spacetimes and their conformal vector fields in $f(R)$ theory of gravity <i>MODERN PHYSICS LETTERS A</i> , 2019, 34 (11) pp. 1 - 10. 10.1142/S0217732319500792	0.25	0.25
WITS-2020-0000414	<b><u>Folly-Gbetoula Mensah, Nyirenda Darlison</u></b> (2019). On some sixth-order rational recursive sequences <i>Journal of Computational Analysis and Applications</i> , 2019, 27 (6) pp. 1057 - 1069. N/A	1.00	1.00
WITS-2020-0000416	<b><u>Jamal Sameerah</u></b> (2019). Perturbative manifolds and the Noether generators of $n$ th-order Poisson equations <i>JOURNAL OF DIFFERENTIAL EQUATIONS</i> , 2019, 266 (7) pp. 4018 - 4026. 10.1016/j.jde.2018.09.025	1.00	1.00
WITS-2020-0000739	<b><u>Jamal Sameerah</u></b> (2019). Geometrization of heat conduction in perturbative space-times <i>CANADIAN JOURNAL OF PHYSICS</i> , 2019, 97 (2) pp. 187 - 191. 10.1139/cjp-2018-0017	1.00	1.00
WITS-2020-0000751	<b><u>Kwashira Rugare</u></b> (2019). A note on derivations of a Sullivan model <i>Communications of the Korean Mathematical Society</i> , 2019, 34 (1) pp. 279 - 286. 10.4134/CKMS.c170470	1.00	1.00
WITS-2020-0000766	<b><u>Folly-Gbetoula Mensah, Nyirenda Darlison</u></b> (2019). On a two-dimensional system of third-order difference equations with variable coefficients <i>Dynamics of Continuous, Discrete and Impulsive Systems Series B: Applications and Algorithms</i> , 2019, 26 (3) pp. 209 - 220. N/A	1.00	1.00
WITS-2020-0000800	<b><u>Jamal Sameerah</u></b> (2019). A study of the approximate singular Lagrangian-conditional Noether symmetries and first integrals <i>INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS</i> , 2019, 16 (3) pp. 1 - 13. 10.1142/S0219887819500336	1.00	1.00
WITS-2020-0000805	<b><u>Hardy Yorick</u></b> , Steeb Willi-Hans, Kemp G (2019). Matrices and Their (Un)Faithful Fermi-quadratic Forms <i>INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS</i> , 2019, 58 (5) pp. 1470 - 1481. 10.1007/s10773-019-04034-6	0.33	0.33
WITS-2020-0000839	<b><u>Hockman Meira</u></b> (2019). The geometry of Gaussian integer continued fractions	1.00	1.00

## ROCS Consolidated Report

	<i>JOURNAL OF NUMBER THEORY</i> , 2019, 197 pp. 145 - 167. 10.1016/j.jnt.2018.08.006		
WITS-2020-0000883	<b><u>Kara Abdul</u></b> (2019). A the invariance and conservation laws of the Triki-Biswas equation describing monomode optical fibers <i>OPTIK</i> , 2019, 186 pp. 300 - 302. 10.1016/j.ijleo.2019.04.086	1.00	1.00
WITS-2020-0000884	<b><u>Kara Abdul, Alqurashi Bader</u></b> , Bokhari A (2019). 'Approximate' conservation laws of some nonlinear Schrödinger equation involving a spatially extended system consisting of two coupled elements <i>OPTIK</i> , 2019, 184 pp. 265 - 270. 10.1016/j.ijleo.2019.03.046	0.67	0.67
WITS-2020-0000885	Biswas A, Ekici M, Sonmezoglu A, <b><u>Kara Abdul</u></b> (2019). Optical solitons and conservation law in birefringent fibers with Kundu–Eckhaus equation by extended trial function method <i>OPTIK</i> , 2019, 179 pp. 471 - 478. 10.1016/j.ijleo.2018.10.198	0.25	0.25
WITS-2020-0000907	<b><u>Jamal Sameerah</u></b> , Leach P G L, Paliathanasis A (2019). Nonlocal representation of the $sl(2, R)$ algebra for the Chazy equation <i>Quaestiones Mathematicae</i> , 2019, 42 (1) pp. 125 - 133. 10.2989/16073606.2018.1441199	0.33	0.33
WITS-2020-0001483	Bansal A, <b><u>Kara Abdul</u></b> , Biswas A, Khan Salam , Zhou Q, Moshokoa S (2019). Optical solitons and conservation laws with polarization-mode dispersion for coupled Fokas-Lenells equation using group invariance <i>CHAOS SOLITONS &amp; FRACTALS</i> , 2019, 120 pp. 245 - 249. DOI 10.1016/j.chaos.2019.01.030	0.17	0.17
WITS-2020-0001485	Biswas A, <b><u>Kara Abdul</u></b> , Alshomrani Ali Saleh, Ekici M, Zhou Q, Belic M (2019). Conservation laws for highly dispersive optical solitons <i>OPTIK</i> , 2019, 199 pp. 1 - 6. DOI 10.1016/j.ijleo.2019.163283	0.17	0.17
WITS-2020-0001489	Bashingwa J.J.H, <b><u>Kara Abdul</u></b> (2019). On a Theory for Analysing Second-Order Systems of Ordinary Discrete Equations <i>Journal of Mathematics</i> , 2019, 2019 pp. 1 - 14. DOI 10.1155/2019/8256867	0.50	0.50
WITS-2020-0001493	Wang G, <b><u>Kara Abdul</u></b> (2019). A (2+1)-dimensional KdV equation and mKdV equation: Symmetries, group invariant solutions and conservation laws <i>PHYSICS LETTERS A</i> , 2019, 383 pp. 728 - 731. DOI 10.1016/j.physleta.2018.11.040	0.50	0.50
WITS-2020-0001494	<b><u>Kara Abdul, Alqurashi Bader</u></b> (2019). Invariance and 'approximate' conservation laws of some nonlinear Schrödinger equation with PT-symmetric potentials and inhomogeneous nonlinearity <i>Journal of Analysis and Applications</i> , 2019, 17 (2) pp. 75 - 87. N/A	1.00	1.00
WITS-2020-0001568	<b><u>Folly-Gbetoula Mensah, Nyirenda Darlison</u></b>	1.00	1.00

## ROCS Consolidated Report

	(2019). Lie symmetry analysis and explicit formulas for solutions of some third-order difference equations <i>Quaestiones Mathematicae</i> , 2019, 42 (7) pp. 907 - 917. DOI 10.2989/16073606.2018.1499563		
WITS-2020-0001570	<b><u>Olela Otafudu Olivier</u></b>	1.00	1.00
	(2019). Gated sets in quasi-metric spaces <i>TOPOLOGY AND ITS APPLICATIONS</i> , 2019, 263 pp. 159 - 171. DOI 10.1016/j.topol.2019.05.026		
WITS-2020-0001575	Sabao Hope, <b><u>Olela Otafudu Olivier</u></b>	0.50	0.50
	(2019). Infinite games and quasi-uniform box products <i>Applied General Topology</i> , 2019, 20 (1) pp. 57 - 73. DOI 10.4995/agt.2019.9679		
WITS-2020-0001577	<b><u>Jamal Sameerah, Mathebula Agreement</u></b>	1.00	1.00
	(2019). Generalized Symmetries and Recursive Operators of Some Diffusive Equations <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2019, 42 pp. 697 - 706. DOI 10.1007/s40840-017-0510-z		
WITS-2020-0001581	<b><u>Jamal Sameerah</u></b>	1.00	1.00
	(2019). Dynamical systems: Approximate Lagrangians and Noether symmetries <i>INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS</i> , 2019, 16 (10) pp. 1 - 10. DOI 10.1142/s0219887819501603		
WITS-2020-0001600	<b><u>Jamal Sameerah</u></b>	1.00	1.00
	(2019). Approximate Conservation Laws of Nonvariational Differential Equations <i>Mathematics</i> , 2019, 7 (574) pp. 1 - 14. 10.3390/math7070574		
WITS-2020-0001601	Hussain F, Shabbir Ghulam, <b><u>Jamal Sameerah</u></b> , Ramzan M	0.25	0.25
	(2019). A note on some Bianchi type II spacetimes and their conformal vector fields in f (R) theory of gravity <i>MODERN PHYSICS LETTERS A</i> , 2019, 34 pp. 1 - 12. 10.1142/s0217732319503206		
WITS-2020-0001876	<b><u>Phakathi Jabulani, Singh Shivani, Zelenyuk Yevhen, Zelenyuk Yuliya</u></b>	0.50	1.00
	(2019). Counting symmetric colorings of $G \times Z_2$ <i>JOURNAL OF ALGEBRA AND ITS APPLICATIONS</i> , 2019, 18 (10) pp. 1 - 7. 10.1142/S0219498819501998		
WITS-2020-0001878	<b><u>Singh Shivani, Zelenyuk Yuliya</u></b>	0.50	1.00
	(2019). Alternating colourings of the vertices of a regular polygon <i>BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY</i> , 2019, 100 (2) pp. 177 - 181. 10.1017/S0004972719000157		
WITS-2020-0002156	Bokhari A, <b><u>Kara Abdul, Gadiagbou Bourgeois</u></b> , Shabbir Ghulam	0.50	0.50
	(2019). Symmetries and conservation laws of some asymptotically symmetric spacetimes of interest in gravitational waves <i>INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS</i> , 2019, 16 (10) pp. 1 - 9. 10.1142/S0219887819501524		



## ROCS Consolidated Report

WITS-2020-0002672	<b><u>Folly-Gbetoula Mensah, Mnguni Nkosingiphile, Kara Abdul</u></b> (2019). A Group Theory Approach towards Some Rational Difference Equations <i>Journal of Mathematics</i> , 2019, 2019 pp. 1 - 9. 10.1155/2019/1505619	1.00	1.00
WITS-2020-0003417	<b><u>Folly-Gbetoula Mensah</u></b> (2019). Lie algebra and formulas for solutions for some systems of difference equations <i>Advanced Studies in Contemporary Mathematics (Kyungshang)</i> , 2019, 29 (4) pp. 565 - 576. 10.17777/ascm2019.29.4.565	1.00	1.00
WITS-2020-0003488	Bokhari A, <b><u>Kara Abdul, Gadiagbou Bourgeois</u></b> (2019). On symmetries and conservation laws of some spacetimes in f (R, T) gravity <i>MODERN PHYSICS LETTERS A</i> , 2019, 34 pp. 1 - 8. 10.1142/S0217732319750038	0.67	0.67
WITS-2020-0003492	<b><u>Olela Otafudu Olivier, Toko Wilson, Mukonda Danny</u></b> (2019). On bornology of extended quasi-metric spaces <i>Hacettepe Journal of Mathematics and Statistics</i> , 2019, 48 (6) pp. 1767 - 1777. 10.15672/HJMS.2018.636	1.00	1.00
WITS-2020-0003598	<b><u>Ssekajja Samuel</u></b> (2019). Some Results on Null Hypersurfaces in (LCS)- manifolds <i>Kyungpook Mathematical Journal</i> , 2019, 59 pp. 783 - 795. 10.5666/KMJ.2019.59.4.783	1.00	1.00
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**ROCS Consolidated Report**

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