

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-2021-0000024	<u>Zelenyuk Yevhen, Zelenyuk Yuliya</u> (2020). When a locally compact monothetic semigroup is compact <i>JOURNAL OF GROUP THEORY</i> , 2020, 23 pp. 983 - 989. 10.1515/jgth-2019-0184	1.00	1.00
WITS-2021-0000066	<u>Zelenyuk Yevhen</u> (2020). Idempotents in $\hat{\mathbb{Z}}^n/G$ with only trivial divisors <i>FUNDAMENTA MATHEMATICAE</i> , 2020, 248 pp. 205 - 218. 10.4064/fm696-2-2019	1.00	1.00
WITS-2021-0001403	<u>Mushambi Nyasha, Watson Bruce, Zinsou Bertin</u> (2020). Generalization of the theorems of Barndorff-Nielsen and Balakrishnanâ€™Stepanov to Riesz spaces <i>POSITIVITY</i> , 2020, 24 pp. 753 - 760. 10.1007/s11117-019-00705-0	0.33	1.00
WITS-2021-0001688	<u>Zelenyuk Yevhen, Zelenyuk Yuliya</u> (2020). A RAMSEY TYPE RESULT for LATIN SQUARES <i>BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY</i> , 2020, 101 pp. 362 - 366. 10.1017/S0004972719001230	1.00	1.00
WITS-2021-0002167	<u>Zelenyuk Yevhen</u> (2020). Larger locally compact monothetic semigroups <i>SEMIGROUP FORUM</i> , 2020, 100 pp. 605 - 616. 10.1007/s00233-019-10017-0	1.00	1.00
WITS-2021-0002419	<u>Blecher Aubrey, Brennan Charlotte, Knopfmacher Arnold</u> , Mansour Toufik (2020). The Depth of Compositions <i>Mathematics in Computer Science</i> , 2020, 14 pp. 69 - 76. 10.1007/s11786-019-00421-8	0.75	0.75
WITS-2021-0002601	<u>Archibald Margaret, Blecher Aubrey, Brennan Charlotte, Knopfmacher Arnold</u> , Mansour Toufik (2020). Two by two squares in set partitions <i>Mathematica Slovaca</i> , 2020, 70 (1) pp. 29 - 40. 10.1515/ms-2017-0328	0.80	0.80
WITS-2021-0002777	<u>Blecher Aubrey, Brennan Charlotte, Knopfmacher Arnold</u> (2020). The inner site-perimeter of compositions <i>Quaestiones Mathematicae</i> , 2020, 43 pp. 55 - 66. 10.2989/16073606.2018.1536088	1.00	1.00

Submission Type: NOT ACCREDITED/PENDING VERIFICATION

Publication No.	Publication	Dept Contr	Univ Contr
WITS-2021-0000176	DDamulira M, <u>Luca Florian</u>	0.50	0.50

ROCS Consolidated Report

	(2020). The x-coordinates of Pell equations and sums of two Fibonacci numbers II <i>PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES</i> , 2020, 130 (58) pp. 1 - 21. 10.1007/s12044-020-00578-4		
WITS-2021-0000226	<u>Blecher Aubrey</u>, <u>Brennan Charlotte</u>, <u>Knopfmacher Arnold</u>	1.00	1.00
	(2020). Water capacity of Dyck paths <i>ADVANCES IN APPLIED MATHEMATICS</i> , 2020, 112 (101945) pp. 1 - 19. 10.1016/j.aam.2019.101945		
WITS-2021-0000238	<u>Kuo Wen-Chi</u>, <u>Rodda David</u>, <u>Watson Bruce</u>	0.33	1.00
	(2020). The HÄjjek-RÄ©nyi-Chow maximal inequality and a strong law of large numbers in Riesz spaces <i>JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS</i> , 2020, 481 (123462) pp. 1 - 10. 10.1016/j.jmaa.2019.123462		
WITS-2021-0000387	Erazo H, Gomez C, <u>Luca Florian</u>	0.33	0.33
	(0). Linear combinations of prime powers in X-coordinates of Pell equations <i>RAMANUJAN JOURNAL</i> , 2020, 53 pp. 123 - 137. 10.1007/s11139-019-00213-5		
WITS-2021-0000395	Laishram Shanta, <u>Luca Florian</u> , Sias Mark	0.33	0.33
	(2020). On members of Lucas sequences which are products of factorials <i>MONATSHEFTE FÜR MATHEMATIK</i> , 2020, 193 pp. 329 - 359. 10.1007/s00605-020-01455-y		
WITS-2021-0000432	<u>Archibald Margaret</u>, <u>Blecher Aubrey</u>, <u>Knopfmacher Arnold</u> , Mays Mike	0.75	0.75
	(2020). Inversions and parity in compositions of integers <i>Journal of Integer Sequences</i> , 2020, 23 (20.4.1) pp. 1 - 18. N/A		
WITS-2021-0000805	Kafle B, <u>Luca Florian</u> , Togbe A	0.33	0.33
	(2020). Lucas factoriangular numbers <i>Mathematica Bohemica</i> , 2020, 145 (1) pp. 33 - 43. 10.21136/MB.2018.0021-18		
WITS-2021-0001015	Gomez C, Gomez Jhonny C, <u>Luca Florian</u>	0.33	0.33
	(2020). Multiplicative dependence between k-Fibonacci and k-Lucas numbers <i>Periodica Mathematica Hungarica</i> , 2020, 81 pp. 217 - 233. 10.1007/s10998-020-00336-z		
WITS-2021-0001044	DDamulira M, <u>Luca Florian</u>	0.50	0.50
	(2020). On the problem of Pillai with k -generalized Fibonacci numbers and powers of 3 <i>International Journal of Number Theory</i> , 2020, 16 (7) pp. 1643 - 1666. 10.1142/S1793042120500876		
WITS-2021-0001122	<u>Luca Florian</u> , Szalay L	0.50	0.50
	(2020). On the equation $(2k \hat{a}^{n-1})(3\hat{a}^{n-1} - \hat{a}^{n-1}) = 5m \hat{a}^{n-1}$ <i>Azerbaijan Journal of Mathematics</i> , 2020, 10 pp. 3 - 11. N/A		
WITS-2021-0001143	Gueth Krisztian, <u>Luca Florian</u> , Szalay L	0.33	0.33
	(2020). On a Diophantine equation involving powers of Fibonacci numbers		

ROCS Consolidated Report

	<i>PROCEEDINGS OF THE JAPAN ACADEMY SERIES A-MATHEMATICAL SCIENCES</i> , 2020, 96 pp. 33 - 37. 10.3792/PJAA.96.007			
WITS-2021-0001168	Faye B, <u>Luca Florian</u>	0.50	0.50	
	(2020). On Y-coordinates of pell equations which are members of a fixed binary recurrence <i>New York Journal of Mathematics</i> , 2020, 26 pp. 184 - 206. N/A			
WITS-2021-0001186	Bilu Y, <u>Luca Florian</u>	0.50	0.50	
	(2020). Trinomials with given roots <i>Indagationes Mathematicae</i> , 2020, 31 pp. 33 - 42. 10.1016/j.indag.2019.09.001			
WITS-2021-0001210	Bilu Y, Gomez C, Gomez J, <u>Luca Florian</u>	0.25	0.25	
	(2020). Elliptic curves over finite fields with fibonacci numbers of points <i>New York Journal of Mathematics</i> , 2020, 26 pp. 711 - 734. N/A			
WITS-2021-0002220	Gomez C, <u>Luca Florian</u>	0.50	0.50	
	(2020). Zeckendorf representations with at most two terms to x-coordinates of Pell equations <i>Science China Mathematics</i> , 2020, 63 (4) pp. 627 - 642. 10.1007/s11425-017-9283-6			
WITS-2021-0002455	Adegbindin C, <u>Luca Florian</u> , Togbe A	0.33	0.33	
	(2020). Pell and Pell's Lucas Numbers as Sums of Two Repdigits <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2020, 43 (2) pp. 1253 - 1271. 10.1007/s40840-019-00739-3			
WITS-2021-0002474	Garcia S, <u>Luca Florian</u> , Shi Kye, Udell Gabe	0.25	0.25	
	(2020). Primitive root bias for twin primes II: Schinzel-type theorems for totient quotients and the sum-of-divisors function <i>JOURNAL OF NUMBER THEORY</i> , 2020, 208 pp. 400 - 417. 10.1016/j.jnt.2019.08.003			
WITS-2021-0002657	DDamulira M, <u>Luca Florian</u>	0.50	0.50	
	(2020). On the x-coordinates of Pell equations which are generalized Fibonacci numbers <i>JOURNAL OF NUMBER THEORY</i> , 2020, 207 pp. 156 - 195. 10.1016/j.jnt.2019.07.006			
WITS-2021-0002658	Hilberdink Titus, <u>Luca Florian</u> , Toth L	0.33	0.33	
	(2020). On certain sums concerning the gcd's and lcm's of k positive integers <i>International Journal of Number Theory</i> , 2020, 16 (1) pp. 77 - 90. 10.1142/S1793042120500049			
WITS-2021-0004712	<u>Luca Florian</u> , Mabaso S, Stanica P	0.33	0.33	
	(2020). On the prime factors of the iterates of the Ramanujan \check{I}_n -function <i>PROCEEDINGS OF THE EDINBURGH MATHEMATICAL SOCIETY</i> , 2020, 63 pp. 1031 - 1047. 10.1017/S0013091520000310			
WITS-2021-0005084	Faye B, <u>Luca Florian</u>	0.50	0.50	

ROCS Consolidated Report

	(2020). On Y - coordinates of Pell equations which are members of a fixed binary recurrence <i>New York Journal of Mathematics</i> , 2020, 26 pp. 184 - 206. N/A		
WITS-2021-0005086	Rihane Salah, Faye B, <u>Luca Florian</u> , Togbe A	0.25	0.25
	(2020). Powers of two in generalized Lucas sequences <i>Fibonacci Quarterly</i> , 2020, 58 (3) pp. 254 - 260. N/A		
WITS-2021-0005409	<u>Luca Florian</u> , Moodley Damon	0.50	1.00
	(2020). Composite positive integers whose sum of prime factors is prime <i>Archivum Mathematicum</i> , 2020, 56 pp. 49 - 64. 10.5817/AM2020-1-49		
WITS-2021-0005414	Bravo E, Gomez C, <u>Luca Florian</u>	0.33	0.33
	(2020). Total multiplicity of the tribonacci sequence <i>COLLOQUIUM MATHEMATICUM</i> , 2020, 159 (1) pp. 71 - 76. 10.4064/cm7730-2-2019		
WITS-2021-0005423	Faye B, <u>Luca Florian</u>	0.50	0.50
	(2020). On Y- coordinates of Pell equations which are base 2 rep- digits <i>Glasnik Matematički</i> , 2020, 55 pp. 1 - 12. N/A		
WITS-2021-0005429	Alahmadi Adel, Altassan A, <u>Luca Florian</u> , Shoaib Hatoon	0.25	0.25
	(2020). Products of k-Fibonacci numbers which are rep-digits <i>PUBLICATIONES MATHEMATICAE-DEBRECEN</i> , 2020, 97 pp. 101 - 115. 10.5486/PMD.2020.8725		
WITS-2021-0005446	Gomez C, <u>Luca Florian</u> , Zottor Faith	0.33	0.67
	(2020). On X-coordinates of Pell equations which are repdigits <i>Research in Number Theory</i> , 2020, 6 pp. 1 - 22. 10.1007/s40993-020-00220-2		
WITS-2021-0005453	Bravo E, Gomez C, Kafle B, <u>Luca Florian</u> , Togbe A	0.20	0.20
	(2020). On a conjecture concerning the multiplicity of the Tribonacci sequence <i>COLLOQUIUM MATHEMATICUM</i> , 2020, 159 (1) pp. 61 - 69. 10.4064/cm7729-2-2019		
WITS-2021-0005736	Kafle B, <u>Luca Florian</u> , Togbe A	0.33	0.33
	(2020). Pentagonal and heptagonal repdigits <i>Annales Mathematicae et Informaticae</i> , 2020, 52 pp. 137 - 145. 10.33039/ami.2020.09.002		
WITS-2021-0005745	Bravo J, Diaz Maribel, <u>Luca Florian</u>	0.33	0.33
	(2020). Ratios of sums of two fibonacci numbers equal to powers of 2 <i>Mathematical Communications</i> , 2020, 25 (2) pp. 185 - 199. N/A		
WITS-2021-0005746	Gomez C, Gomez J, <u>Luca Florian</u>	0.33	0.33
	(2020). Markov triples with k-generalized fibonacci components <i>Annales Mathematicae et Informaticae</i> , 2020, 52 pp. 107 - 115. 10.33039/ami.2020.06.001		

ROCS Consolidated Report

WITS-2021-0005809	<p><u>Luca Florian</u>, Tchammou Euloge, Togbe A</p> <p>(2020). On the exponential Diophantine equation $Px^n + Px^{n+1} + \dots + Px^{n+k-1} = Pm$ <i>Mathematica Slovaca</i>, 2020, 70 (6) pp. 1333 - 1348. 10.1515/ms-2017-0435</p>	0.33	0.33
WITS-2021-0005822	<p><u>Archibald Margaret</u>, <u>Blecher Aubrey</u>, <u>Knopfmacher Arnold</u></p> <p>(2020). Fixed points in compositions and words <i>Journal of Integer Sequences</i>, 2020, 23 (11) pp. 1 - 12. N/A</p>	1.00	1.00
WITS-2021-0006010	<p>de Clereq Adriaan A, <u>Luca Florian</u>, Martirosyan Lilit, Matthis Maria, Moree P, Stoumen Max A, Weib Melvin</p> <p>(2020). Binary Recurrences for which Powers of Two are Discriminating Moduli <i>Journal of Integer Sequences</i>, 2020, 23 pp. 1 - 10. N/A</p>	0.14	0.14
WITS-2021-0006015	<p>Garcia Jonathan, Gomez C, <u>Luca Florian</u></p> <p>(2020). On the zero-multiplicity of the k-generalized Fibonacci sequence <i>JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS</i>, 2020, 26 (11 - 12) pp. 1564 - 1578. 10.1080/10236198.2020.1857749</p>	0.33	0.33

Category: Chapter In Book

Submission Type: NOT ACCREDITED/PENDING VERIFICATION

Publication No.	Publication	Dept Contr	Univ Contr
WITS-2021-0004648	<p><u>Luca Florian</u>, Mihailescu Preda</p> <p>(2020). Small Fields with large class groups Chapter 11 In P. P. Pandey & T. Hoque & K. Chakraborty (eds.), <i>Class Groups of Number Fields and Related Topics</i> (pp. 113-118). Gateway East : Springer. 978-981-15-1513-2</p>	0.31	0.31

ROCS Consolidated Report

School of Mathematics

Category: Journal Article

Submission Type: DOE SUBMISSABLE

Publication No.	Publication	Dept Contr	Univ Contr
WITS-2021-0000101	Yildirim Yakup, Biswas A, <u>Kara Abdul</u> , Ekici M, Zayed E, Alzahrani A, Belic M (2020). Cubicâ€“quartic optical soliton perturbation and conservation laws with Kudryashov's law of refractive index <i>PHYSICS LETTERS A</i> , 2020, 384 (126884) pp. 1 - 7. 10.1016/j.physleta.2020.126884	0.14	0.14
WITS-2021-0000199	<u>Ssekajja Samuel</u> (2020). Geometry of isoparametric null hypersurfaces of lorentzian manifolds <i>JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY</i> , 2020, 57 pp. 195 - 213. 10.4134/JKMS.j190001	1.00	1.00
WITS-2021-0000229	Zayed E, El-Horbaty Mahmoud M, Alngar Mohamed EM, Biswas A, <u>Kara Abdul</u> , Moraru Luminita, Ekici M, Alzahrani A, Belic M (2020). Solitons and conservation laws in magneto-optic waveguides with polynomial law nonlinearity <i>OPTIK</i> , 2020, 223 (165397) pp. 1 - 8. 10.1016/J.IJLEO.2020.165397	0.11	0.11
WITS-2021-0000256	Zayed E, Alngar M, El-Horbaty M, Biswas A, <u>Kara Abdul</u> , Ekici M, Asma M, Alzahrani A, Belic M (2020). Solitons and conservation laws in magnetoâ€“optic waveguides having parabolicâ€“nonlocal law of refractive index <i>PHYSICS LETTERS A</i> , 2020, 384 (126814) pp. 1 - 9. 10.1016/j.physleta.2020.126814	0.11	0.11
WITS-2021-0000343	Bashingwa J, <u>Kara Abdul</u> (2020). A basis of hierarchy of generalized symmetries and their conservation laws for the (3+1)-dimensional diffusion equation <i>Journal of Applied Analysis and Computation</i> , 2020, 10 (5) pp. 2163 - 2183. 10.11948/20190360	0.50	0.50
WITS-2021-0000379	Ak Turgut, Osman Mohammed S, <u>Kara Abdul</u> (2020). Polynomial and rational wave solutions of kudryashov-sinelshchikov equation and numerical simulations for its dynamic motions <i>Journal of Applied Analysis and Computation</i> , 2020, 10 (5) pp. 2145 - 2162. 10.11948/20190341	0.33	0.33
WITS-2021-0000414	Biswas A, Asma M, <u>Kara Abdul</u> , Ekici M, Zayed E, Alzahrani A, Belic M (2020). Soliton perturbation and conservation laws in magneto-optic waveguides with parabolic law nonlinearity <i>OPTIK</i> , 2020, 220 (165196) pp. 1 - 7. 10.1016/j.ijleo.2020.165196	0.14	0.14
WITS-2021-0000503	<u>Alanazi Abdulaziz, Munagi Augustine, Nyirenda Darlison</u> (2020). POWER PARTITIONS and SEMI- FIBONACCI PARTITIONS <i>BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY</i> , 2020, 102 pp. 418 - 429. 10.1017/S0004972720000027	1.00	1.00

ROCS Consolidated Report

WITS-2021-0000809	Gabeleh M, Ezhil Manna S I, Anthony Eldred A, <u>Olela Otafudu Olivier</u> (2020). Strong and weak convergence of Ishikawa iterations for best proximity pairs <i>Open Mathematics</i> , 2020, 18 pp. 10 - 21. 10.1515/math-2020-0002	0.25	0.25
WITS-2021-0001321	Zayed E, Alngar M, Biswas A, <u>Kara Abdul</u> , Moraru L, Ekici M, Alzahrani A, Belic M (2020). Solitons and conservation laws in magneto-optic waveguides with triple-power law nonlinearity <i>Journal of Optics</i> , 2020, 49 pp. 584 - 590. 10.1007/s12596-020-00650-2	0.13	0.13
WITS-2021-0001403	<u>Mushambi Nyasha</u> , <u>Watson Bruce</u> , <u>Zinsou Bertin</u> (2020). Generalization of the theorems of Barndorff-Nielsen and Balakrishnanâ€“Stepanov to Riesz spaces <i>POSITIVITY</i> , 2020, 24 pp. 753 - 760. 10.1007/s11117-019-00705-0	0.67	1.00
WITS-2021-0002078	Aljohani A, <u>Kara Abdul</u> (2020). Conservation laws of some classes of models involving oscillons <i>PHYSICS LETTERS A</i> , 2020, 384 (126229) pp. 1 - 5. 10.1016/j.physleta.2019.126229	0.50	0.50
WITS-2021-0002111	Wang G, Vega-Guzman J, Biswas A, Alzahrani A, <u>Kara Abdul</u> (2020). ($2\epsilon^- + \epsilon^- - 1$)-dimensional Boitiâ€“Leonâ€“Pempinelli equation â€“ Domain walls, invariance properties and conservation laws <i>PHYSICS LETTERS A</i> , 2020, 384 (126255) pp. 1 - 4. 10.1016/j.physleta.2020.126255	0.20	0.20
WITS-2021-0002164	<u>Grobbelaar Marie</u> (2020). Lifting plate incompressibility condition for stability of a magnetoelastic Mindlinâ€“Timoshenko model <i>APPLIED MATHEMATICS LETTERS</i> , 2020, 102 (106084) pp. 1 - 7. 10.1016/j.aml.2019.106084	1.00	1.00
WITS-2021-0002221	Wang G, Yang Kaitong, Gu Haicheng, Guan Fei, <u>Kara Abdul</u> (2020). A (2+1)-dimensional sine-Gordon and sinh-Gordon (2 equations with symmetries and kink wave solutions <i>NUCLEAR PHYSICS B</i> , 2020, 953 (114956) pp. 1 - 14. 10.1016/j.nuclphysb.2020.114956	0.20	0.20
WITS-2021-0002401	Mutemwa Yolanda, <u>Olela Otafudu Olivier</u> , <u>Sabao Hope</u> (2020). On gluing of quasi-pseudometric spaces <i>Khayyam Journal of Mathematics</i> , 2020, 6 (1) pp. 129 - 140. 10.22034/kjm.2019.97193	0.67	0.67
WITS-2021-0002413	Hussain Q, Zaman FD, <u>Kara Abdul</u> (2020). Invariant analysis and conservation laws of time fractional SchrÃ¶dinger equations <i>OPTIK</i> , 2020, 206 (164356) pp. 1 - 5. 10.1016/j.ijleo.2020.164356	0.33	0.33
WITS-2021-0002482	Biswas A, <u>Kara Abdul</u> , Zhou Q, Alzahrani A, Belic M (2020). Conservation Laws for Highly Dispersive Optical Solitons in Birefringent Fibers <i>REGULAR & CHAOTIC DYNAMICS</i> , 2020, 25 (2) pp. 166 - 177.	0.20	0.20

ROCS Consolidated Report

WITS-2021-0002496	10.1134/S1560354720020033 Biswas A, Vega-Guzman J, Bansal A, <u>Kara Abdul</u> , Alzahrani A, Zhou Q, Belic M (2020). Optical dromions, domain walls and conservation laws with Kunduâ€Mukherjeeâ€Naskar equation via traveling waves and Lie symmetry <i>Results in Physics</i> , 2020, 16 (102850) pp. 1 - 7. 10.1016/j.rinp.2019.102850	0.14	0.14
WITS-2021-0002590	<u>Folly-Gbetoula Mensah, Nyirenda Darlison</u> (2020). A generalized two-dimensional system of higher order recursive sequences <i>JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS</i> , 2020, 26 (2) pp. 244 - 260. 10.1080/10236198.2020.1718667	1.00	1.00
WITS-2021-0004194	Asma Mir, Biswas A, <u>Kara Abdul</u> , Zayed Elsayed. M.E, Guggilla Padmaja, Khan S, Ekici M, Alzahrani Abdullah K., Belic M (2020). A pen-picture of solitons and conservation laws in magneto-optic waveguides having quadratic-cubic law of nonlinear refractive index <i>OPTIK</i> , 2020, 223 pp. 1 - 7. 10.1016/j.ijleo.2020.165330	0.11	0.11
WITS-2021-0004220	Bokhari A, <u>Kara Abdul</u> , Zaman F, <u>Gadiagbou Bourgeois</u> (2020). On the symmetry and conservation law classification of the de Sitter-Schwarzschild metric and the corresponding wave and Klein-Gordon equations <i>INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS</i> , 2020, 17 (11) pp. 1 - 8. 10.1142/S0219887820501728	0.50	0.50
WITS-2021-0004454	<u>Jamal Sameerah</u> (2020). Approximate Lie Symmetry Conditions of Autoparallels and Geodesics <i>Abstract and Applied Analysis</i> , 2020, 2020 pp. 1 - 5. 10.1155/2020/8814657	1.00	1.00
Submission Type: NOT ACCREDITED/PENDING VERIFICATION			
Publication No.	Publication	Dept Contr	Univ Contr
WITS-2021-0000121	<u>Folly-Gbetoula Mensah</u> (2020). Invariance analysis of a four-dimensional system of fourth-order difference equations with variable coefficients <i>Journal of Computational Analysis and Applications</i> , 2020, 28 (6) pp. 949 - 961. N/A	1.00	1.00
WITS-2021-0000238	<u>Kuo Wen-Chi, Rodda David, Watson Bruce</u> (2020). The HÃjek-RÃnyi-Chow maximal inequality and a strong law of large numbers in Riesz spaces <i>JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS</i> , 2020, 481 (123462) pp. 1 - 10. 10.1016/j.jmaa.2019.123462	0.33	1.00
WITS-2021-0000297	Ak Turgut, Saha A, Dhawan Sharanjeet, <u>Kara Abdul</u> (2020). Investigation of Coriolis effect on oceanic flows and its bifurcation via geophysical Kortewegâ€de Vries equation <i>NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS</i> , 2020, 36 pp. 1234 - 1253. 10.1002/num.22469	0.25	0.25

ROCS Consolidated Report

WITS-2021-0002396	<u>Folly-Gbetoula Mensah, Nyirenda Darlison</u> (2020). On invariance and solutions of some fifth-order rational recursive sequences <i>Journal of Computational Analysis and Applications</i> , 2020, 28 (2) pp. 201 - 218. N/A	1.00	1.00
WITS-2021-0003871	<u>Ssekajja Samuel</u> (2020). A note on null hypersurfaces of indefinite Kaehler space forms <i>Balkan Journal of Geometry and its Applications</i> , 2020, 25 (2) pp. 94 - 105. N/A	1.00	1.00
WITS-2021-0004129	Bokhari A, <u>Kara Abdul</u> (2020). Gauge symmetries and isometries in higher dimensions <i>MODERN PHYSICS LETTERS A</i> , 2020, 35 (37) pp. 1 - 9. 10.1142/S0217732320503101	0.50	0.50
WITS-2021-0004552	Hussain Q, Zaman F, Bokhari A, <u>Kara Abdul</u> (2020). On a study of symmetries and conservation laws of a class of time fractional Schrödinger equations with nonlocal nonlinearities <i>OPTIK</i> , 2020, 224 pp. 1 - 6. 10.1016/j.ijleo.2020.165619	0.25	0.25
WITS-2021-0005072	<u>Nyirenda Darlison</u> (2020). On parity and recurrences for certain partition functions <i>Contributions to Discrete Mathematics</i> , 2020, 15 (1) pp. 72 - 79. 10.11575/cdm.v15i1.67964	1.00	1.00
WITS-2021-0005409	<u>Luca Florian, Moodley Damon</u> (2020). Composite positive integers whose sum of prime factors is prime <i>Archivum Mathematicum</i> , 2020, 56 pp. 49 - 64. 10.5817/AM2020-1-49	0.50	1.00
WITS-2021-0005446	Gomez C, <u>Luca Florian, Zottor Faith</u> (2020). On X-coordinates of Pell equations which are repdigits <i>Research in Number Theory</i> , 2020, 6 pp. 1 - 22. 10.1007/s40993-020-00220-2	0.33	0.67
WITS-2021-0005983	<u>Singh Geethen, Reynolds Chevonne, Byrne Marcus, Rosman Benjamin</u> (2020). A remote Sensing Method to Monitor Water, Aquatic Vegetation, and Invasive Water Hyacinth at National Extents <i>Remote Sensing</i> , 2020, 12 (4021) pp. 1 - 24. 10.3390/rs12244021	0.25	1.00
WITS-2021-0006016	Gabeleh M, Moshokoa S, <u>Olela Otafudu Olivier</u> (2020). Approximate best proximity point sequences for $(C^*\lambda)$ mappings in strictly convex banach spaces <i>Quaestiones Mathematicae</i> , 2020, 43 (12) pp. 1791 - 1807. 10.2989/16073606.2019.1655109	0.33	0.33