

	Initials	Surname	Topic	FIELD
1	AR	Adem	SOLUTIONS AND CONSERVATION LAWS OF A COUPLED KORTEWEG-DE VRIES MODIFIED KORTEWEG-DE VRIES SYSTEM	DIF
2	N	Al-Asuoad	Mathematical Modelling Seasonality: A Case of Wood Frog Population	BIO
3	LI	Animasaun	EFFECT OF VARIABLE VISCOSITY, DOFOUR, SORET AND THERMAL CONDUCTIVITY ON FREE CONVECTIVE HEAT AND MASS TRANSFER OF NON-DARCIAN FLOW PAST POROUS FLAT SURFACE	FLU
4	T	Aziz	Group invariant solutions for the unsteady MHD flow of a third grade fluid in a porous medium	DIF
5		Bakare	OPTIMAL CONTROL OF MALARIA TRANSMISSION DYNAMICS WITH SEASONALITY IN RAINFALL Optimal portfolio strategy with discounted stochastic cash inflows in a semimartingale setting.	DIF
6	O	Baraedi		FIN
7		Batidzirai	A Multilevel Analysis of Survival Data on Ordinal Outcomes	STA
8	RG	Batogna	On The Stability and Convergence of the Time-Fractional Variable Order Telegraph Equation	NUM
9	N	Billor	Recent Developments in Functional Data Analysis Classification of Timber Genotypes by Their Behaviour under Chemical Pulping Using Piecewise Regression and Kernel Density Chemical Pulping Using Piecewise Regression and Kernel Density based clustering	STA
10	o	Bodhlyera		
11		Chaba	A Copula-based Approach to Differential Gene Expression Analysis	STA
12	W	CHAGWIZA	A Cash Cushion Portfolio Management with Stochastic Programming Models	FIN
13	F	Chamera	MESSAGE PASSING DECODING OF CODES FROM COMPLETE GRAPHS	GRA
14	M	Chapwanya	Coupling finite volume and nonstandard finite difference schemes for a singularly perturbed Schrödinger equation A mathematical analysis of the co-infection of cervical cancer and HIV/AIDS in the presence of intervention	DIF
15	Z	Chazuka		BIO
16	N	Chiduku	Assessment of the impact of rotavirus vaccination on the transmission dynamics of diarrhea in infants	Bio
17	R	Chifurira	MODELLING OF EXTREME MINIMUM RAINFALL USING GENERALISED EXTREME VALUE DISTRIBUTION FOR ZIMBABWE	STA
18	E	Chikodza	Forward-Backward Uncertain Stochastic Differential Equations with Applications to Finance	FIN
19	C. J.	Chikunji	On the structure of the group of units of a class of commutative finite rings	ALG
20	T. C.	Chimkono	New Trends in Computer Keyboarding	ALG
21	K	Chinhamu	Extreme Risk, Value-at-Risk and Expected Shortfall: Empirical Evidence from Precious Metals	FIN
22	T	Chinyoka	SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS VIA THE FINITE VOLUME METHOD WITH APPLICATIONS TO COMPUTATIONAL FLUID DYNAMICS	FLU
23	T	Chinyoka	SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS VIA THE FINITE VOLUME METHOD WITH APPLICATIONS TO COMPUTATIONAL FLUID DYNAMICS Modelling Stock Market Volatility Using Long Memory Processes: The Case of Emerging Economies	FLU
24	M	Chipumuro		FIN
25	F	Chirove	Analysis of combined Langerhans and CD4+ T cells HIV infection: A model with treatment	BIO
26	B. P.	Chisala	Electronic Voting - Anonymity and Mobile Phones	ALG
27	J.	Cirima	OPTION PRICING WITH UNCERTAIN STOCHASTIC PROGRAMMING	FIN
28	F	Delbaen	Monetary utility functions with convex level sets	FIN

29	O	Doctor	OPTIMAL PORTFOLIO IN THE PRESENCE OF STOCHASTIC INCOME	FIN
30	M	Dube	THE VALUE OF INFORMATION UNDER PARTIAL OBSERVATION FOR EXPONENTIAL UTILITY An Invariant Subspace Problem for nonlinear maps via summability properties on Banach spaces	FIN
31		Emenyu		TOP
32	L	Eneya	On Pointwise Minimization of Energy of Mixed Fluids	FLU
33	A	Fatima	A note on the integrability of a remarkable static Euler-Bernoulli beam equation Mathematical modelling the effect of vertical transmission, isolation and quarantine on the transmission dynamics of hand, foot and mouth disease.	DIF
34	T. B.	Gashirayi		BIO
35	J-B	Gatsinzi	Hochschild cohomology; Sullivan algebra; Derivation; Gerstenhaber algebra	Alg
36	M. R.	Ghavi	Geometric Modelling in Animated Movies AN EVALUATION OF THE ACCURACY OF VARIOUS ULTRASONOGRAPHIC REGRESSION FORMULAE USED IN PREDICTING FETAL WEIGHT AMONG THE BASARWA/ BUSHMEN POPULATION OF BOTSWANA.	NUM
37	S. T.	Gunda		STA
38	H. Z.	HAILU	Convergence theorems for a common point of solutions of fixed point, variational inequality and equilibrium problems	Fin
39	S. D.	Hove-Musekwa	Optimal control of allocation of resources and the economic growth in HIV-infected communities	BIO
40	D	IKPE	INFORMATION BASED MODEL OF DEFAULT RISK	FIN
41	P. K.	Jain	Applications of fluid mechanics to non-fluid systems: A brief review Solving The NonLinear Schrodinger Equation in MATLAB Using The Symmetrised Split Step Fourier Method.	FLU
42	J. F.	Jena		Num
43	Z	Jonathan	VALUING VARIABLE ANNUITY GUARANTEES ON MULTIPLE ASSETS	FIN
44	R	Kaondera-Shava	Modelling the Dynamics of Mother-to child Transmission of HIV with Treatment	BIO
45	D	Kasoka	Continua of biliteracy: Tension between formal and informal mathematical language	EDU
46	A	Kaunda	Weight Distribution of Inequivalent Extended Irreducible Goppa Codes of Degree 4	ALG
47	M	Kazima	PROBLEM SOLVING IN MATHEMATICS: TEACHER EDUCATORS PERCEPTIONS AND STRATEGIES	EDU
48	M	Kgosimore	Mathematical Analysis of the model of HIV-HCV co-infection	BIO
49	CM	Khaliq	Group classification of a generalized (2+1)-dimensional Klein-Gordon equation A TIME DELAY MODEL FOR INHOST TRANSPLACENTAL MALARIA DYNAMICS DURING PREGNANCY	DIF
50	E	Koga		BIO
51	K	Kumwenda	Antipodal double covers of triangular graphs	GRA
52	H	Laurie	Mathematics, politics, business and cattle: a model for talking about Allan Savory	BIO
53	S	Lekoko	Pricing and simulation of catastrophe bonds	FIN
54	B.M.	Lephodisa	In-HOST HIV IN AN ADULT PREGNANT WOMAN	BIO
55	B.	Levy	Modeling Feral Hogs in Great Smoky Mountains National Park	Bio
56	C. E.	Madubueze	A mathematical model to study the impact of Irresponsible Infective immigrants and Vertical Transmission on the Dynamics of HIV/AIDS	BIO
57	K	Magamba	Goppa Codes Defined by Reciprocal Polynomials INVESTIGATING THE ADOPTION AND INTEGRATION OF ICT IN THE TEACHING AND LEARNING OF MATHEMATICS	AIG
58		Magodora		EDU
59	C	Makasu	On the separation theorem for a Dynkin stopping game Multivariate Time Series Analysis of Tourist Arrivals in Zimbabwe Using Bootstrapped Vector Error Correction Method: A Case Study of Victoria Falls Rainforest.(2009-2013)	FIN
60		Makoni		STA

61	Z. G.	Makukula	Application of a bivariate interpolated spectral relaxation method to higher order systems of nonlinear PDEs	Num
62	M	Maliyoni	Modeling the Transmission Dynamics of Tuberculosis in Enclosed Spaces: The Case Study of Zomba	BIO
63	N	Malunguza	Mathematical properties of an HIV model with heterosexuals and homosexuals	Bio
64	F.	Mamba	An Investigation into Students' Misconceptions in Linear Equations in Public Secondary Schools of Malawi: The Case of the South Eastern Education Division	EDU
65	M	Mandiudza	Optimal Dividend and Issuance of Equity Policies in the Presence of Transaction Costs and Interest	Fin
66	o	Maphane	Hochschild cohomology of homogeneous spaces	TOP
67	S	Mataramvura	Joint indifference pricing and game theoretical approach to pricing contingent claims in incomplete markets	FIN
68	F	Matarise	Application of Nonlinear modeling of climate change to Southern Africa	STA
69	F	Matenda	Measuring Gap Risk for Constant Proportion Portfolio Insurance Strategies in Uncertain Markets.	Fin
70	R	Mawonike	Multivariate Exponentially Weighted Moving Average for Monitoring Coke Production	STA
71	O	Mhlanga	Mathematical analysis of the transmission dynamics of measles and the effectiveness of vaccination: Case study Zimbabwe	BIO
72	i. e.	Mhlanga	Exact solutions and conservation laws of the Korteweg-de Vries Burgers equation with power law nonlinearity	DIF
73	FJ	Mhlanga	Applications of white noise calculus to the computation of Greeks	FIN
74	p	Mhone	Transient growth in a diverging channel	FLU
75	KI	Moalosi	The Impact of Dual Market Listing on the Evaluation of Executive Remuneration	FIN
76	M	Mokgolele	BEM for solving high frequency scattering problems for obstacles with no corners	Num
77	M	Molati	LIE GROUP ANALYSIS OF NON-LINEAR DIFFERENTIAL EQUATIONS: A SYSTEMATIC DETERMINATION OF ARBITRARY FUNCTIONS	DIF
78	DM	Mothibi	On the conservation laws of a generalized Zakharov-Kuznetsov equation	DIF
79	IL	Moyo	Valuation and optimal hedging of defaultable securities based on credit ratings using Reliability and Levy processes.	FIN
80	MV	Mpendulo	SPECTRAL INTERPOLATION BASED NUMERICAL METHOD FOR SOLVING NON-LINEAR EVOLUTION PARTIAL DIFFERENTIAL EQUATIONS	NUM
81		Muatjetjeja	Variational formulation for a variable coefficient Benjamin-Bona-Mahony equation	DIF
82	I	Muchingami	Use of numerical methods in monitoring plume migration in unsaturated medium; a case study of dry ash dumps of Mpumalanga, South Africa.	Num
83	NB	Mumba	Codes, graphs and designs from maximal subgroups of alternating groups A_n for n even	GRA
84	N. C.	Mupondo	Non-Iterative Algorithm for Finding Shortest Route	STA
85	M	Murape	Lateral barrier height in identically prepared Au/n-GaSb Schottky barrier diodes	Num
86	Z	Mushaandja	On Chen-connected congruences	Top
87	A. I.	Musukwa	Enumeration of Extended Irreducible Goppa Codes of Degree 6	ALG
88	S. A.	Mutangadura	Quasi-Implementation of Comparative Probability on von Neumann	NUM
89	F. K.	Mutasa	Modelling daily Rand-Dollar Exchange Rate using an Artificial Neural Network (ANN) Model, Autoregressive Conditional Heteroscedasticity (ARCH) and the Generalized ARCH (GARCH) models.	STA

90	L	Muthoni	Construction of Nominal Yield Curve for Nairobi Securities Exchange: An improvement on Monotone Preserving $r(t)$ Interpolation Method	NUM
91	W. N	Mutuku	Effects of Double Stratification on Unsteady Hydromagnetic Thermal Boundary Layer of Nanofluid Past a Flat Surface	DIF
92	K	Muzhinji	A unified comparative study of a class of four efficient iterative solvers for Stokes equations	NUM
93	L.	Mwadzaangati	Mathematical knowledge for teaching geometric proof: learning from teachers' practices	EDU
94	H	Nampala	Modelling HIV/HBV coinfection	BIO
95		Nawa	A Mixture Model for Longitudinal Trajectories	STA
96	p	Ncube	Modelling cholera dynamics with intervention measures	BIO
97	T	Nemaura	PROJECTIONS OF PHARMACOKINETIC PARAMETER ESTIMATES FROM MIDDLE DOSE PLASMA CONCENTRATIONS IN INDIVIDUALS ON EFVIRENZ, A NOVEL APPROACH.	BIO
98	G. G	Nyambuya	A Simple and General Proof of Fermat's Last Theorem and Beal's Conjecture	ALG
99	P	Nyamugure	A SPANNING TREE BASED APPROACH TO THE TRAVELLING SALESMAN PROBLEM IN A COMPLETELY CONNECTED NETWORK	GRA
100	JM	Ochoche	AN OPTIMIZATION MODEL FOR THE CONTROL OF CHOLERA	BIO
101		Odhiambo	Analysis of Recurrent Events Data: An Application to Flu Infection	STA
102	SM	Odour	ON THE ZERO DIVISOR GRAPHS OF TRIVIAL GALOIS RINGS	ALG
103		Omeike	STABILITY AND BOUNDEDNESS OF SOLUTIONS OF A CERTAIN SYSTEM OF THIRD ORDER NONLINEAR DELAY DIFFERENTIAL EQUATIONS	DIF
104		Otafudu	Metric tree in T_0 -quasi-metric spaces	TOP
105	F.	Ozbek	Covering and enveloping classes of morphisms	alg
106	L	Pazvakavambwa	Modelling of Mothers Access to Maternal Health Care Services in Namibia	Bio
107	J	Pedro	Implicit-explicit higher-order time integration schemes for computations of structural dynamics with fluid-structure interaction	FLU
108	K	Rajaratnam	Consumer Loan Scoring and Capitalization Decisions in the context of Multiple Economic Scenarios	FIN
109		Robdera	A New General Approach to Vector Valued Stochastic Integration	DIF
110		Rundora	Analysis of unsteady MHD reactive flow of non-Newtonian fluid through a porous saturated medium with asymmetric boundary conditions	FLU
111	J-B	Ryan	A new technique which extends the power of Cauchy-Frobenius Theory	Alg/COM
112	P	Sawerengera	CONSTRUCTING PAIRING - FRIENDLY ORDINARY ELLIPTIC CURVE WITH LOW EMBEDDING DEGREE	ALG
113		Schmitt	Rational families of instantons	ALG
114	S	Shateyi	Numerical analysis of unsteady MHD flow near a stagnation-point of two dimensional porous body with heat and mass transfer, thermal radiation and chemical reaction	NUM
115	S. P.	Showa	Exploring the benefits of antibody immune response in HIV-1 infection using a discrete model	BIO
116	P.	Sibanda	Two phase peristaltic fluid transport in a permeable microvessel	FLU
117		Simelane	The dung beetle microscale flow transport: selective pumping in a network	FLU
118	W	Sinkala	Conservation laws for a mathematical model for HIV transmission	BIO
119	VK	Socgnia	A COMPARISON OF GENERALISED HYPERBOLIC DISTRIBUTION MODELS FOR EQUITY RETURNS	FIN

120	J	Swart	On the history of tensor products from a functional analytic perspective	TOP
121		Takaidza	Optimal Control of Smoking Dynamics	DIF
			An algorithm for finding a common point of the solutions of fixed point and variational inequality	
122	A. R.	TUFA	problems in Banach spaces	TOP
123		Wabomba	Application of Banach Space Ideal Properties in Image Transmission over Wireless Network	TOP
124	D. D.	Walakira	Development of a 2D Vertically Integrated Shallow Water Equation Model of Lake Victoria	FLU
			Strong Convergence Theorems for a Common Fixed Point of a Finite Family of Multivalued Mappings	
125	S. T	Woldemanuel		TOP