

4th International Conference on Mathematical and Computational Sciences

December 19th -20th , 2015,

Conference Program for 19th December 2015

Welcome of all the participants, Registration and Collection of Conference Kit start from 8 am to 9 am

Session No. 1 : Start From 9.00 am to 12.30 pm Chair by **Dr. Arjun K.Gupta**

Special Lecture By **Dr. Arjun K.Gupta on Information Criteria and Detection of Change**

Special Talk Algebra and Number Theory with some applications to Cryptography by Dr. Dr. Omar Kihel, Brock University, Canada

1. Global optimization algorithm for the sum of specific nonlinear functions

Author: Mio Horai, Mie University (Japan)

2. Zero-Padded CAZAC Sequence and Its Application

Author: Mio Horai, Mie University (Japan)

3. Comprehensive Optimization analysis of high-speed USV maneuver performance

Author: LI Jun, Jiangsu University of Science and Technology , Zhenjiang, China

4. Mathematical Insights in the Pioneering Educational Project FSTF

Author: Enzo Bonacci , Italy

5. How to prove the Riemann Hypothesis

Author: Fayez Fok Al Adeh, President of the Syrian Cosmological Society, Syria

6. **Asymptotic stability of nonlinear delay-difference system with multiple delays via matrix inequalities**

Author: Kreangkri Ratchagit and Vu Ngoc Phat (Thailand)

7. **A novel stability analysis of stochastic hybrid systems**

Author: Manlika Rajchakit (Thailand)

8. **GENERALIZED VISCOUS-ELASTICITY MODEL OF DEFORMED FILTRATOPN, SIMULATION OF MASS TRANSFER AND DIFFUSION**

Author: V.I. Popkov, Associate Professor at Samara State Technical University, Rusia

9. **The weights of the adjoint action of some distinguished sl_2 -subalgebras**

Author: Yassir Dinar

10. **A Survey of Recent Results on Gibbs Phenomenon**

Author: En-Bing Lin , USA

11. **Addition Theorem and Certain Properties of K-Bessel's function**

Author: Dr. Kuldeep Singh Gehlot, INDIA

12. **Rotating electroosmotic flow through a micro-vessel**

Author: Amit Mondal, INDIA

13. **Decision Making Perceptives of Some Generalized Information Measure And Its Applications**

Author: Anjali Dhiman, INDIA

Lunch start from 12.45 to 1.30

Session No. : 2 Start From 1.30 pm to 4.30 pm Chair by Dr. **LI Jun, China**

Special Lecture By Dr. Prof. N V Nagendram on Characterization of near-field spaces over Baer-ideals (C-NFS-BI)

Special Talk on mathematical modelling By *Dr. Nahid Banihashemi, Australia*

14. Sparse's Reconstruction based on Nonconvex Penalized Lq Minimization in Machine Vibration Signal

Author: Wanqing Song (China)

15. ON THE THEORY OF NON - COMMUTATIVE PROCESSES AND THEIR MOMENTS

Author: Bassi, Ibrahim G., Nigeria

16. Lp Direct Theorem for Exponential Neural Networks

Author: Prof Dr. Eman S. Bhaya, Iraq

17. GENERIC Definition of NECESSARY (If Not Sufficiency) of So-Called "Complexity" as UTTER-SIMPLICITY!!!

Author : Edward Carl-Ludwig Siegel, CA

18. GENERIC ANY/ALL NETWORKS' CYBERWAR Thrust, Parry, Defense, Attack, Destruction Vulnerability/Susceptibility via "CYBER-SABRE" "NIT-PICKING" Control

Author : Edward Carl-Ludwig Siegel, CA

19. Functional Random Differential Equations in Banach Algebras Involving Three Non-Linearities

Author: Ingle R.N., INDIA

20. Third Order Functional Random Integro-Differential Inclusion

Author: D. S. Palimkar, INDIA

21. Finite Group over the Ring of Integer Modulo m

Author: Pedro Manuel Dominguez Wade, SA

22. (Q^* , S) Continuous Functions In Topological Spaces

Author: P . Padma

23. A FOUR-COMPARTMENT STOCHASTIC DIFFERENTIAL EQUATION OF A STOCK MARKET

Author: E.O.Ogbaji , Federal University Wukari

24. EXISTENCE AND SMOOTHNESS OF THE NAVIER-STOKES EQUATION

AUTHOR: GAL DAVIDI, Israel

25. BALANCED FOLDING OVER A POLYGON AND EULER NUMBERS

AUTHOR: E.EL-KHOLY , EGYPT

26. 'NUMERICAL DIMENSIONS':AN ALTERNATIVE PARADIGM RECONCILING ARGUMENTS FOR AND AGAINST (STRICT) FINITISM INTO ONE CONGRUENT VIEW OF CONCEPTUALISING/IMAGINING THE NUMBER SYSTEM,THE WAY FOWARD

AUTHOR: BHEKINKOSI HLATSHWAYO,

27. ON THE ROTATION OF LOGHARMONIC MAPPINGS

AUTHOR: Zayid Abdulhadi, UAE

