

December 17, 2018

*** Afternoon refreshment at leisure ***		
Room A (Sapphire 1-11, 2nd floor)		
Time	Speaker/Title	Chair
09:00-09:50	*** Huynh, DV. Ohio University Athens A Characterization of Noetherian Rings	Sanh, NV.
09:50-10:20	* Kwon, H. Inha University Optimal Control Problem of a SIR Reaction-Diffusion Model with Inequality Constraints	Minh Man, NV.
10:20-10:40	Pimpunchat, B. King Mongkut's Institute of Technology Ladkrabang Mathematical Model of the Barrier-Layer Formation in the Sea: Effect of Salinity and Algae Distribution	Minh Man, NV.
10:40-10:55	<b>Refreshment</b>	
10:55-11:25	* Kang, M. Seoul National University Deep Learning and Some Applications	Tran D. Que.
11:25-11:45	Buathong, P. Mahidol University A RKHS Embedding Approach to Gaussian Process Regression When Inputs are Point Sets	Tran D. Que.
11:45-12:05	Chumchob, N. Silpakorn University A New Alternating Minimization for TV-based Image Registration	Tran D. Que.
12:05-12:25	Anam, S. Brawijaya University Exudate Extraction in Fundus Image by Using the Maximum Entropy and the Distance Regularized Level Set Evolution Method	Tran D. Que.
12:25-13:25	<b>Lunch (Roberto Room, 2nd floor)</b>	
13:25-13:45	Polwiang, S. Silpakorn University The Time Series Seasonal Patterns of Dengue Fever and Associated Weather Variables in Bangkok (2003-2017)	Rattanakul, C.
13:45-14:05	Marsudi, M. Brawijaya University Optimal Control Strategies and Cost Effectiveness Analysis of HIV Model with Educational Campaign and Treatment	Rattanakul, C.
14:05-14:25	Trisilowati, T. Brawijaya University Optimal Control of a Tumor-Immune System Interactions Model with Chemotherapy	Rattanakul, C.
14:25-14:45	Bunkluarb, N. Mahidol University Numerical Simulation for Efficient Static Mixers with Different Geometries	Rattanakul, C.
14:45-15:05	Busaman, A. Prince of Songkla University Simulation and Modeling of Mae-suai Dam Break	Rattanakul, C.
15:05-15:25	Charoenpong, J. King Mongkut's Institute of Technology Ladkrabang Simulation with GUI in MATLAB of Ocean Wave and Erosion in the Southern Thailand's East Coast	Tangmanee, S.
15:25-15:45	Chomcheon, S. Mahidol University Numerical Simulation of Air Pollutant in Street Canyon with the Sky-Train Station	Tangmanee, S.
15:45-16:05	Kaennakham, S. Suranaree University of Technology A Numerical Test on a Hybrid Shapefree Radial Basis Function in Dual Reciprocity Boundary Element Method	Tangmanee, S.
16:05-16:25	Rangkuti, YM. State University of Medan Stability Analysis of SEIR Model of Tuberculosis with Recovery Time Delay in Medan	Tangmanee, S.
16:25-16:45	Saenkarun, S. Ubon Ratchathani University A Steady-state Mathematical Model for Groundwater Quality Measurement under a Landfill Site using a Finite Difference Method	Tangmanee, S.
16:45-17:05	Sirisubtawee, S. King Mongkut's University of Technology North Bangkok A Caputo-Fabrizio Fractional Differential Equation Model for HIV/AIDS with Treatment Compartment	Tangmanee, S.

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*** Afternoon refreshment at leisure ***		
Room B (Crystal 1-2, 3rd floor)		
Time	Speaker/Title	Chair
09:50-10:10	Chartbupapan, W. Khonkaen University New passivity analysis for certain neutral integro-differential equations with non-differentiable interval time-varying delays	Moore, E.
10:10-10:30	Chawengkrittayanont, P. King Mongkut's University of Technology North Bangkok Third-Order Sliding Mode Control for Uncertain Second-Order Nonlinear Systems	Moore, E.
10:30-10:45	<b>Refreshment</b>	
10:45-11:05	Kaewbanjak, N. Kasetsart University On Delay-Range-Dependent Robust Stability of LPD Discrete-Time System with Mixed Interval Time-Varying Delays and Nonlinear Perturbations	Moore, E.
11:05-11:25	Tangsiridamrong, P. Khon Kaen University Stability and Passivity Analysis of Uncertain Linear Discrete-Time System with Mixed Interval Time-Varying Delays	Moore, E.
11:25-11:45	Udpin, S. Kasetsart University Kamphaeng Sean Campus Exponential Stability of Discrete-Time Uncertain Neural Networks with Time-Varying Leakage Delays	Moore, E.
11:45-12:05	Leekpam, T. King Mongkut's University of Technology North Bangkok Applications of the modified Kudryashov method for solving the conformable space-time fractional complex Ginzburg-Landau equations	Moore, E.
12:05-12:25	Rojsiraphisal, T. Chiang Mai University New Finite-Time Stability and Stabilization Criterion of Linear System with Time-varying Delay using New Integral Inequalities	Moore, E.
12:25-13:25	<b>Lunch (Roberto Room, 2nd floor)</b>	
13:25-13:45	Prasertsang, P. Kasetsart University, Chalermprakiat Sakon Nakhon Province Campus Exponential Function Projective Synchronization Between Two Delayed Neural Networks via Hybrid Adaptive Periodically Intermittent Control	Ramachandran, R.
13:45-14:05	Botmart, T. Khon Kaen University New Analysis on Robust $H_\infty$ Controller Design for Exponential Stability of Uncertain Delayed Neural Networks via Hybrid Feedback Control	Ramachandran, R.
14:05-14:25	Weera, W. University of Pha Yao A New Approach to Exponential Stability Analysis of New Certain Nonlinear Neutral Differential Equations with Mixed Time-Varying Delays	Ramachandran, R.
14:25-14:45	Emharuethai, C. Maejo University $H_\infty$ control for neural networks with time varying delay based on an improved reciprocally convex inequality	Ramachandran, R.
14:45-15:05	Meesuptong, B. Khon Kaen University Improved Delay-Dependent Exponential Stability Criteria for Neutral System with Time-Varying Delays and Nonlinear Uncertainties	Ramachandran, R.
15:05-15:25	Pinjai, S. Rajamangala University of Technology Lanna Exponential Stability and $H_\infty$ Performance for Neutral Systems with Interval Time-Varying Delays and Nonlinear Perturbations	Ramachandran, R.
15:25-15:45	Samorn, N. Khon Kaen University New Results on Delay-range-dependent Robust Exponential Stability for Uncertain Neutral Systems with Mixed Interval Time-varying Delays and Nonlinear Perturbations	Ramachandran, R.
15:45-16:05	Tino, N. Chiangmai University Finite-Time Synchronization Analysis Between Two Different Chaotic Systems by Virtue of Adaptive Sliding Mode Control	Baowan, D.
16:05-16:25	Chuai-Aree, S. Prince of Songkla University, Pattani Campus Predicting Hourly Solar Energy Map from Satellite Images Using Fast Artificial Neural Networks	Baowan, D.
16:25-16:45	Suksamran, J. King Mongkut's University of Technology North Bangkok A Reaction Diffusion Model for Fish Population Incorporating Time Dependent Fishery Intensity: Travelling Wave Solution	Baowan, D.
16:45-17:05	Sukwong, N. King Mongkut's University of Technology North Bangkok Blow-up Phenomena for a Porous Medium Equation with a Nonlocal Source	Baowan, D.

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Room C (Crystal 3, 3rd floor)		
Time	Speaker/Title	Chair
09:50--10:10	<b>Phudolsitthiphat, N.</b> Chiang Mai University Pair Upper Class of Type on Coupled Coincidence Point Results in Partially Ordered JS-Metric Spaces	Rattanakul, C.
10:10--10:30	<b>Triska, A.</b> Institut Teknologi Bandung Pattern Formation of Spatial Epidemic Model: Effect of Cross Diffusion and Varying Initial Conditions	Rattanakul, C.
10:30--10:45	<b>Refreshment</b>	
10:45--11:15	* <b>Le, VT.</b> Hue University On Automorphism-Invariant Rings with Chain Conditions	Quynh, TC.
11:15--11:45	* <b>Le, AV.</b> University of Economics and Law, VNU-HCMC Apply Matrix Congruence To Classify Real Solvable Lie Algebras Having 1-codimensional or 2-codimensional Derived Ideal	Quynh, TC.
11:45--12:05	<b>Wadsanath, A.</b> Mahidol University Dynamics of Some Quadratic Maps on Finite Fields of Characteristic Two	Quynh, TC.
12:05--12:25	<b>Bosuwat, N.</b> Mahidol University Inverse Results on Row Sequences of Multipoint Padé Approximants	Quynh, TC.
12:25--13:25	<b>Lunch (Roberto Room, 2nd floor)</b>	
13:25--13:45	<b>Nanthanasub, T.</b> Mahidol University Logarithmic Concavity of Modified Bessel Function of the First Kind	Maneesawarn, C.
13:45--14:05	<b>Sawangtong, P.</b> King Mongkut's University of Technology North Bangkok Green's Function Homotopy Perturbation Method for the Initial-Boundary Value Problems	Maneesawarn, C.
14:05--14:25	<b>Thanompolkkrang, S.</b> Burapha University Generalized Fractional Power Series to Conformable Fractional Differential Equations	Maneesawarn, C.
14:25--14:45	<b>Rajchakit, G.</b> Maejo University Stability of Switched Discrete-Time Systems	Maneesawarn, C.
14:45--15:15	* <b>Nam, TT.</b> Ho Chi Minh University of Pedagogy Some Finiteness Results for Co-Associated Primes of Generalized Local Homology Modules	Vu, LA.
15:15--15:35	<b>Saengsura, K.</b> Mahasarakham University Clones of Co-Operations Defined on $\{0,1,2\}$	Vu, LA.
15:35--16:05	* <b>Wijayanti, IE.</b> Universitas Gadjah Mada On the Generalization of Idealizer in Modules over Endomorphisms Ring	Sanh, NV.
16:05--16:35	* <b>Quynh, TC.</b> Danang University Some Results on Automorphism-Invariant Modules	Sanh, NV.
16:35--16:55	<b>Panichkitkosolkul, W.</b> Thammasat University Interval Estimator for the Standard Deviation of a Normal Distribution with a Known Coefficient of Variation and a Bounded Population Mean	Quynh, TC.

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Room D (Crystal 4, 3rd floor)		
Time	Speaker/Title	Chair
09:50--10:10	<b>A S, S.</b> REVA University Characterization and Realization of Graphs of Neighbourhood Metric Dimension Two	Ananchuen, N.
10:10--10:30	<b>Abidin, W.</b> Bandung Institute of Technology Non-Isolated Resolving Sets of Corona Graphs with $(n-2)$ -Regular Graph	Ananchuen, N.
10:30--10:45	<b>Refreshment</b>	
10:45--11:05	<b>Kaewnimit, S.</b> Mahidol University Analyzing the Efficiency of the Traffic Light Phasing System of the Traffic Circle at Victory Monument (Thailand) with Graph Theory	Ananchuen, N.
11:05--11:25	<b>M, VK.</b> REVA University Anti Resolving Sets of a Graph	Ananchuen, N.
11:25--11:45	<b>Nambuddee, N.</b> Khon Kaen University An Explore of Teachers' Interpretation of Mathematics Textbook about Addition and Subtraction by Using Lesson Study and Open Approach	Ananchuen, N.
11:45--12:05	<b>Thinwiangthong, S.</b> Khon Kaen University Development of Teachers' Ability of Formative Assessment by Using Lesson Study and Open Approach	Ananchuen, N.
12:05--12:25	<b>David, R.</b> Iwate Prefectural University The Calculus Behind Learning in DNNs Revisited	Ananchuen, N.
12:25--13:25	<b>Lunch (Roberto Room, 2nd floor)</b>	
13:25--13:55	* <b>Pal, M.</b> University of Calcutta D-Optimal Designs for Estimation of Optimum Mixture in a Three-Component Mixture Experiment with Two Responses	Pal, N.
13:55--14:25	* <b>Nummi, T.</b> University of Tampere New Methods for the Analysis of Cardiology Ambulatory Data	Pal, N.
14:25--14:55	* <b>Sinha, BK.</b> Retired Professor from ISI Reliability Estimation and Prediction Problems in Exponential Samples	Pal, N.
14:55--15:25	* <b>Yu, P.</b> The University of Hong Kong Improved Estimation of Population Proportion using Ranked Set Sampling	Sinha, Bimal.
15:25--15:45	<b>Musikasuwat, S.</b> Prince of Songkla University, Pattani Campus Statistical Analysis of Solar Radiation in Southern Thailand	Sinha, Bimal.
15:45--16:05	<b>Saelim, R.</b> Prince of Songkla University, Pattani Campus Modeling Land Surface Temperature Change in South China from 2000 to 2018	Sinha, Bimal.
16:05--16:25	<b>Thongratta, PT.</b> Kasetsart University An Effects of Climate Change on Rice Production, Acreage and Yield in Thailand	Sinha, Bimal.
16:25--16:45	<b>Astutik, S.</b> Universitas Brawijaya Spatio-Temporal Variogram: The Comparison of Spatio-Temporal Covariances Model on Rainfall Data	Sinha, Bimal.
16:45--17:05	<b>Nguyen, M.</b> Mahidol University Spatial Data Analysis for Air Pollution Prediction	Sinha, Bimal.