### Tentative Oral and Poster Presentations

#### Session # 1
**Mon 23 Nov. 15: 13.50-15.10**  
**Oral Presentation**  
**Room: Mabtapud (C10)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
</table>
| 13.50-14.10   | Chair: Prof.Dr.Suthep Suantai  
Co-chair: Asst.Prof.Dr.Atid Kangtunyakarn                           |                                              |      |
| 13.50-14.10   | Invited Speaker: Prof.Dr.Suthep Suantai                             |                                              |      |
| 14.10-14.30   | Univalent Biharmonic Mappings and linearly connected domain         | (Zayid Abdulhadi and Layan Hajj)            | 4    |
| 14.30-14.50   | On the Algebraic Structure of Complex Twistulant Matrices           | (Sirikanya Kittiwut and Somphong Jitman)    | 19   |
| 14.50-15.10   | THE MINIMIZING GRAPH OF EULERIAN BIPARTITE GRAPHS WITH ODD ORDER    | (Guntaphon Tassanasophon and Khajee Jantarakhajorn) | 36   |

#### Session # 2
**Mon 23 Nov. 15: 13.50-15.10**  
**Oral Presentation**  
**Room: Sattahip (C8)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
</table>
| 13.50-14.10   | Chair: Dr.Dusadee Sukawat  
Co-chair: Asst.Prof.Dr.Jaipong Kasemsuwan                           |                                              |      |
| 13.50-14.10   | Mathematics of Climate Models  
Invited Speaker: Dr.Dusadee Sukawat                                   |                                              |      |
| 14.10-14.30   | On the use of GamboostLSS Models for Autocorrelation on interpreting Sea Surface Temperature | (M Miftahuddin and Sofia K)                 | 86   |
| 14.30-14.50   | NUMERICAL TREATMENT TO A WATER-QUALITY MEASUREMENT MODEL IN AN OPENED-CLOSED RESERVOIR WITH ANISOTROPIC BOTTOM TOPOGRAPHY | (Witsarut Kraychang and Nopparat Pochai) | 29   |
| 14.50-15.10   | MAXIMUM PRINCIPLES FOR FRACTIONAL DIFFUSION EQUATIONS WITH APPLICATIONS | (Mohammed Al-Refai and Yuri Luchko)         | #    |
### Session # 3

**Mon 23 Nov. 15: 13.50-15.10**

**Oral Presentation**

**Room:** U- tapao (C9)

<table>
<thead>
<tr>
<th>Time</th>
<th>Applied Mathematics II</th>
</tr>
</thead>
</table>
| 13.50-14.10| Chair: Prof.Dr. Ryszard Pluciennik  
Cochair: Assoc.Prof. Dr. Puntani Pongsumpun |

#### Invited Speaker:

- **Prof. Dr. Ryszard Pluciennik**

#### 2 14.10-14.30

Mathematical Simulation of a Groundwater Management in a Drought Area Using an Implicit Finite Difference Method

- (Nattawoot Pongno and Nopparat Pochai)(43)

#### 3 14.30-14.50

Geometrical Methods in the study of Insulin Evolution

- (Sorin V. Sabau and Kazuhiro Shibuya)(40)

#### 4 14.50-15.10

- THE SAULYEV SCHEME FOR AN ADVECTION-DIFFUSION-REACTION EQUATION

- (Pawarisa Samalerk and Nopparat Pochai)(26)

---

### Session # 4

**Mon 23 Nov. 15: 13.50-15.10**

**Oral Presentation**

**Room:** Sriracha (C7)

<table>
<thead>
<tr>
<th>Time</th>
<th>Statistics, Financial and Computer</th>
</tr>
</thead>
</table>
| 13.50-14.10| Chair: Prof. Dr. Anton Abdul Basah Kamil  
Co-chair: Assoc. Prof. Dr. Chartchai Leenawong |

#### 1 13.50-14.10

- Grouping in Homogenous Months Based on Daily Maximum Precipitation in Penang, Malaysia

- Invited Speaker: Prof. Dr. Anton Abdul Basah Kamil (72)

#### 2 14.10-14.30

- EEG Signals Classification for Brain Computer Interfaces Using K* Classifier

- (Yotsapat Ruangpaisarn)(85)

#### 3 14.30-14.50

- CUSTOMER LAIFETIME VALUE WITH MARKOV CHAIN IN INSURANCE INDUSTRY

- (Adilan Widyawan Mahdiyasa)(74)

#### 4 14.50-15.10

- The Examination of Statistical and Item Analysis According to the Classical Test Theory on Students' Learning Trajectory in Statistics

- (Rini Oktavia)(65)

*
### Session # 5

**Mon 23 Nov. 15: 15.30-17.30**  
**Oral Presentation**  
**Room: Mabtapud (C10)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Pure Mathematics</th>
<th>Page</th>
</tr>
</thead>
</table>
| 1 15.30-15.50 | The Rainbow Connection Number of Some Classes of Halin Graphs  
*Bety Hayat Susanti, A.N.M. Salman, and Rinovia Simanjuntak* (97) |             |
| 2 15.50-16.10 | STABILITY OF THE GENERALIZED LOGARITHMIC EQUATIONS BY USING BRZDEK’S FIXED POINT METHOD  
*Laddawan Aiemsomboon and Wutiphol Sintunavarat* (50) |             |
| 3 16.10-16.30 | A study on $\mathcal{S}(1,k)$-prime ideals  
*Thawatchai Khumprapussorn* (112) |             |
| 4 16.30-16.50 | FIXED POINT THEOREMS WITH GENERALIZED ALTERING DISTANCE FUNCTIONS UNDER BINARY RELATION  
*Kanokwan Sawangsup and Wutiphol Sintunavarat* (52) |             |
| 5 16.50-17.10 | Iterated functional equations related to roots of simple functions  
*Sukrawan Mavecha, Boonrod Yuttanan and Vichian* (118) |             |
| 6 16.10-17.30 | THE SECOND SMALLEST EIGENVALUE OF COMPLETE TRIPARTITE HYPERGRAPH  
*Alfi Yusrotis Zakiyyah, Hanni Garminia, A.N.M. Salman and Irawati* (96) |             |

### Session # 6

**Mon 23 Nov. 15: 15.30-17.30**  
**Oral Presentation**  
**Room: Sattahip (C8)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Applied Mathematics I</th>
<th>Page</th>
</tr>
</thead>
</table>
*Manunchaya Noowattana and Supuchara Kongnuan* (68) |             |
| 2 15.50-16.10 | An explanation of distorted magnetotelluric responses by using synthesis-related function  
*Ninrat Promdee and Weerachai Sarakorn* (73) |             |
| 3 16.10-16.30 | A Numerical Experiment on Optimal Inverse Multiquadric RBF Shape Parameter in the Dual Reciprocity Boundary Element Method for Convective-Dominated Problem  
*Sayan Kaennakham and Krittidej Chanthawara* (11) |             |
| 4 16.30-16.50 | MODIFIED COLLECTED BOTTOM LEFT (MCBL) ALGORITHM FOR TWO DIMENSIONAL RECTANGLE PACKING PROBLEM  
*Ariya Unchai and Tawun Remsungnen* (77) |             |
| 5 16.50-17.10 | ASYMPTOTIC BEHAVIOR OF SOLUTIONS OF WEAKLY DELAYED LINEAR DISCRETE SYSTEMS IN $\mathbb{R}^2$  
*Josef Diblík, Hana Halfarová and Jan Šafařík* (101) |             |
| 6 16.10-17.30 | Numerical integration method based on the hyperfunction theory  
*Hidenori Ogata and Hiroshi Hirayama* (35) | *           |
## Session # 7

**Mon 23 Nov. 15: 15.30-17.30**

**Oral Presentation**

**Room: U-tapao (C9)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Applied Mathematics II</th>
<th>Page</th>
</tr>
</thead>
</table>
|            | Chair: Prof.Dr.I-Ming Tang  
Co-chair: Asst.Prof.Dr. Wichai Witayakitiyerd                                           |      |
| 1 15.30-15.50 | ON REPRESENTATION OF SOLUTIONS OF LINEAR DIFFERENTIAL SYSTEMS OF SECOND-ORDER WITH CONSTANT DELAYS BY DELAYED MATRIX EXPONENTIAL  
(Zdeněk Svoboda, Hana Demchenko and Gabriela Vincúrová)(102) |      |
| 2 15.50-16.10 | ANALYSIS OF MATHEMATICAL MODELLING OF MERS  
(Doungrat Chitcharoen, Puntani Pongsumpun and I-Ming Tang)(113) |      |
| 3 16.10-16.30 | First-Passage Time Model of Stock Price to a Curved Boundary  
(Klot Patanarapeelert, Charintorn Tangngamsri, Nichaphat Patanarapeelert)(120) |      |
| 4 16.30-16.50 | Improved delay-range-dependent stability criteria for linear system with non-differentiable interval time-varying delay and nonlinear perturbations  
(Presarin Tangsiridamrong and Kanit Mukdasai)(34) |      |
| 5 16.50-17.10 | ENHANCEMENT OF NATURAL CONVECTION HEAT TRANSFER IN A ROTATING ENCLOSURE BY UTILIZING NANOLIQUID  
(Habibis Saleh and Ishak Hashim)(45) | *    |

## Session # 8

**Mon 23 Nov. 15: 15.30-17.30**

**Oral Presentation**

**Room: Sriracha (C7)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Statistics, Financial and Computer</th>
<th>Page</th>
</tr>
</thead>
</table>
|            | Chair: Prof.Dr. Chidchanok Lursinsap  
Co-chair: Asst.Prof. Dr. Kanchana Kamnungkit                                                      |      |
| 1 15.30-15.50 | Effect of array sizes on specific humidity pattern classification using self-organizing map  
(Natita Wangsoh, Wiboonsak Watthayu and Dusadee Sukawat)(104) |      |
| 2 15.50-16.10 | PHISHING WEBSITE DETECTION USING ROTATION FOREST  
(Pumitara Ruangthong)(91)                                                                 |      |
| 3 16.10-16.30 | SIMULATION OF QUEUING SYSTEMS TO INCREASE THE EFFICIENCY OF SERVICE IN OUTPATIENT DEPARTMENT OF BANGPAKONG HOSPITAL, SAMUPRAKAN PROVICE, THAILAND  
(Chanin Srisuwannapa)(115) |      |
| 4 16.30-16.50 | CONJECTURING VIA ANALOGICAL REASONING OF CREATIVE THINKING LEVEL IN CONSTRUCTING EQUATION SLICED CONE  
(Supratman Ahman Maedi)(107) | *    |
| 5 16.50-17.10 | THE ROBUST TEST STATISTIC IN COMPARING TWO INDEPENDENT GROUPS USING TRIMMING AND WinsORIZATION  
(Suhaida Abdullah, Sharipah Soaad Syed Yahaya, Zahayu Md Yusof and Faridzah Jamaluddin)(6) | *    |
| 6 16.10-17.30 | ANISOTROPIC ADAPTIVE REGULARIZATION EFFECTS ON MOVING IMAGES  
(Khda Bux Amur and Shakeel Ahmed Kamboh)(25) | *    |
### Session # 9

**Tue 24 Nov. 15: 09.50-10.50**

**Oral Presentation**

**Room: Mabtapud (C10)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Pure Mathematics</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.50-10.10</td>
<td>A NEW GENERALIZATION OF ((F,f))-CONTRACTION MAPPINGS IN METRIC SPACES WITH (f)-FIXED POINT RESULTS (Pathaithep Kumrod and Wutiphol Sintunavarat) (51)</td>
<td></td>
</tr>
<tr>
<td>10.10-10.30</td>
<td>Fixed Point Results for Generalized (FS)-Contractions in Complete Metric Spaces (Ahmed Al-Rawashdeh)(30)</td>
<td>#</td>
</tr>
<tr>
<td>10.30-10.50</td>
<td>Generalizations of Schweizer-Wolff Measure of Dependence (Wasamon Jantai and Songkiat Sumetkijakan)(71)</td>
<td></td>
</tr>
</tbody>
</table>

### Session # 10

**Tue 24 Nov. 15: 09.50-10.50**

**Oral Presentation**

**Room: Sattahip (C8)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Applied Mathematics I</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.50-10.10</td>
<td>Geometrical Models in Biology Invited Speaker: Prof.Dr.Sorin V. Sabau (41)</td>
<td></td>
</tr>
<tr>
<td>10.10-10.30</td>
<td>THE KANSA MESHLESS METHOD FOR CONVECTION DIFFUSION PROBLEMS USING VARIOUS RADIAL BASIS FUNCTIONS (Nissaya Chuathong, Sayan Kaennakam and Wattana Toutip)(8)</td>
<td></td>
</tr>
<tr>
<td>10.30-10.50</td>
<td>STABILITY ANALYSIS OF FUZZY CONTROL OF AN APPROXIMATED NONLINEAR SINGULARLY PERTURBED SYSTEM (Preeyaporn Waree and Wichai Witayakiatilerd)(78)</td>
<td></td>
</tr>
</tbody>
</table>

### Session # 11

**Tue 24 Nov. 15: 09.50-10.50**

**Oral Presentation**

**Room: U-tapao (C9)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Applied Mathematics II</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.50-10.10</td>
<td>DIFFERENTIAL EVOLUTION ALGORITHM: A METHOD FOR DETERMINING THE VALUES OF THE PARAMETERS IN A MATHEMATICAL MODEL OF A BIOLOGICAL SYSTEM. Invited Speaker: Prof.Dr. I-Ming Tang</td>
<td></td>
</tr>
<tr>
<td>10.10-10.30</td>
<td>A POLYNOMIAL APPROACH TO OPTIMAL CONTROL SWITCHED SYSTEMS AND APPLICATIONS (Mohamed Ali Hajji and Abdessamad Tridane)(42)</td>
<td>#</td>
</tr>
<tr>
<td>10.30-10.50</td>
<td>DIFFERENTIAL TRANSFORMATION METHOD FOR THE SUSPENDED STRING EQUATIONS (Kamonpad Manslip and Jaipong Kasemsuwan)(117)</td>
<td></td>
</tr>
</tbody>
</table>
### Session # 12

**Tue 24 Nov. 15: 09.50-10.50**

**Oral Presentation**  
**Room: Sriracha (C7)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Statistics, Financial and Computer</th>
<th>Page</th>
</tr>
</thead>
</table>
| 09.50-10.10| Chair: Asst.Prof.Dr.Winai Bhodisuwan  
Co-chair: Dr.Thawatchai Khumprapussom  
Some recent development of zero inflated distributions  
Invited Speaker: Asst.Prof.Dr.Winai Bhodisuwan |      |
| 10.10-10.30| TWO-SAMPLE TESTS FOR HIGH-DIMENSIONAL REPEATED MEASURES DESIGNS WITH UNEQUAL VARIANCES  
(Boonyarit Choopradit, Saowapa Chaipitak and Samruam Chongcharoen) | (82) |
| 10.30-10.50| USING PROTOCOL LEVEL PARAMETER IN WCF WITH DIFFERENT PROTOCOL  
(Mirsat Yesiltepe and Muhammet Kurulay) | (31) |

### Session # 13

**Tue 24 Nov. 15: 11.10-12.10**

**Oral Presentation**  
**Room: Mabtapud (C10)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Pure Mathematics</th>
<th>Page</th>
</tr>
</thead>
</table>
| 11.10-11.30| Chair: Prof.Dr.Chooi Wai Leong  
Co-chair: Dr.Kampanat Namngam  
CONSTRUCTING A REAL SYMMETRIC DOUBLY ARROW MATRIX FROM ITS TWO EIGENPAIRS  
(Wanwisa Pengudom and Archana Pacheenburawana) | (55) |
| 11.30-11.50| A Landsberg Moving Frames  
(Pipatpong Chansri and Pakkinee Chitsakul) | (66) |
| 11.50-12.10| MAXIMAL DIAMETER SPHERE THEOREM FOR MANIFOLDS WITH NONCONSTANT RICCI CURVATURE  
(Nathaphon Boonnam and Watsana Boonsawaeng) | (88) |

### Session # 14

**Tue 24 Nov. 15: 11.10-12.10**

**Oral Presentation**  
**Room: Sattahip (C8)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Applied Mathematics I</th>
<th>Page</th>
</tr>
</thead>
</table>
| 11.10-11.30| Chair: Prof.Dr.Sorin V. Sabau  
Co-chair: Assoc.Prof.Dr.Pakkinee Chitsakul  
Numerical Simulation of Water-Quality Model on Flooding using Revised Lax-Diffusive and Modified Siemieniuch-Gladwell Methods  
(Kanawoot Subklay and Nopparat Pochai) | (39) |
| 11.30-11.50| ANALYTICAL SOLUTIONS OF TIME FRACTIONAL NAVIER-STOKES  
(Muhammet Kurulay and Mirsat Yesiltepe) | (92) |
| 11.50-12.10| Mixed Cyclic Codes over GF(2)GF(4)  
(Taher Abualrub) | (110) |
### Session # 15

**Tue 24 Nov. 15: 11.10-12.10**  
**Oral Presentation**  
**Room: U-tapao (C9)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Applied Mathematics II</th>
<th>Page</th>
</tr>
</thead>
</table>
|            | **Chair:** Asst.Prof.Dr. Klot Patanarapeelert  
**Co-chair:** Dr.Thurdkwun Changpuek |      |
| 1 11.10-11.30 | THE DETERMINATION OF THE OPTIMAL COMPONENT RATIO IN FIBER-CEMENT PROFILE SHEET ROOF TILES TO REDUCE MATERIALS COST USING A MIXTURE DESIGN  
(Chuckaphun Aramphongphun, Kampanart Ungtawondee, Duangrudee Chaysuwan) | 95  |
| 2 11.30-11.50 | A NUMERICAL SOLUTION FOR NON-UNIFORM BEAM EQUATION BY ADAPTIVE FINITE DIFFERENCE METHOD  
(Kumponsak Boongoy and Pakkinee Chitsakul) | 100 |
| 3 11.50-12.10 | COLORING TYPE II FUZZY GRAPH BASED ON FUZZY INDEPENDENT VERTEX SET  
(Isnaini Rosyida, Widodo, Ch. Rini Indrati and Kiki.A. Suşeng) | 61  |

### Session # 16

**Tue 24 Nov. 15: 11.10-12.10**  
**Oral Presentation**  
**Room: Sriracha (C7)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Statistics, Financial and Computer</th>
<th>Page</th>
</tr>
</thead>
</table>
|            | **Chair:** Asst.Prof.Dr.Winai Bhodisuwan  
**Co-chair:** Dr.Thawatchai Khumprapussorn |      |
| 1 11.10-11.30 | FORMULA FOR A CORRELATION COEFFICIENT BETWEEN UNDERLYING COMMODITY PRICE AND ITS CONVENIENCE YIELD UNDER SCHWARTZ MODEL  
(Yamonporn Thummanusarn, Khamron Mekchay and Sanae Rujivan) | 47  |
| 2 11.30-11.50 | STOCK SELECTION INTO PORTFOLIO BY FUZZY QUANTITATIVE ANALYSIS AND FUZZY MULTI-CRITERIA DECISION MAKING  
(Satit Yodmun and Wichai Witayakiattilre) | 90  |
| 3 11.50-12.10 | Performance of the modern robust test using different trimming criteria in comparing two independent groups  
(Suhaida Abdullah, Sharipah Soaad Syed Yahaya and Zahayu Md Yusof) | 62  |
### Session # 17

**Tue 24 Nov. 15: 14.00-15.00**  
**Oral Presentation**  
**Room: Sattahip (C8)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Pure Mathematics I</th>
<th>Page</th>
</tr>
</thead>
</table>
| 14.00-14.20| Chair: Assoc.Prof.Dr.Chooi Wai Leong  
Co-chair: Asst.Prof.Dr.Prattrawut Chansangjam |      |
| 14.00-14.20| KRONECKER PRODUCT OF MATRICES OVER A COMMUTATIVE SEMIRING  
(Raviwan Stangam and Prattrawut Chansangjam)(54) |      |
| 14.20-14.40| FURTHER GENERALIZED CONTRACTION MAPPING PRINCIPLE IN PARTIAL METRIC SPACES  
(Aphinat Ninsri and Wutiphol Sintunavarat)(49) |      |
| 14.40-15.00| Weakly Contractive self - mapping on partially ordered quasi metric space  
(Rahma Zuhra, Mohd Salmi Md Noorani and Fawzia Shaddad)(48) |      |

### Session # 18

**Tue 24 Nov. 15: 14.00-15.00**  
**Oral Presentation**  
**Room: U- tapao (C9)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Pure Mathematics II</th>
<th>Page</th>
</tr>
</thead>
</table>
| 14.00-14.20| Chair: Prof.Dr. Ishak Hashim  
Co-chair: Dr.Sukrawan Mavecha |      |
| 14.00-14.20| Complementary Dual Subfield Linear Codes over Finite Fields  
(Kriangkrai Booniyom and Somphong Jitman)(15) |      |
| 14.20-14.40| ON NEW TYPES OF SIMULATION FUNCTIONS WITH FIXED POINT RESULTS IN $b$-METRIC SPACES  
(Oratai Yamaod and Wutiphol Sintunavarat)(53) |      |
| 14.40-15.00| On Modules over Dedekind Prime Rings  
(Elvira Kusniyanti, Hanni Garminia and Pudji Astuti)(79) |      |

### Session # 19

**Tue 24 Nov. 15: 14.00-15.00**  
**Poster Presentation**  
**Room: Sriracha (C7)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topics</th>
<th>Page</th>
</tr>
</thead>
</table>
| 14.00-14.20| Incomplete split-plot designs constructed by $\alpha$-resolvable designs  
(Kazuhiro Ozawa)(12) |      |
| 14.20-14.40| APPLICATION OF NEW MATHEMATICAL OPERATIONS ZERATION AND DELTATION IN ALGORITHMS OF IMAGES  
(Konstantin Anatol'Evich Rubcov)(99) |      |
| 14.40-15.00| The stress of undergraduate students, faculty of science King Mongkut’s Institute of Technology Ladkrabang  
(Pornchai Laipasu)(116) |      |
### Session # 20

**Tue 24 Nov. 15: 15.20-16.40**  
**Oral Presentation**  
Room: Sattahip (C8)

<table>
<thead>
<tr>
<th>Time</th>
<th>Pure Mathematics I</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 15.20-15.40</td>
<td>APPLICATION OF MAMDANI FIS METHOD FOR CLASSIFICATION OF MELINJO MATURITY</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACCORDING TO ITS COLOUR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Hizir Sofyan, Marzuki Abubakar, Asep Rusyana and Dian Rahmat)(81)</td>
<td></td>
</tr>
<tr>
<td>2 15.40-16.00</td>
<td>The Number of Labelled Trees with $r_1, r_2$ End-Vertices in $K_{n,n}$</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Thipapat Portawin, Wannaporn Sanprasert and Decha Samana)(38)</td>
<td></td>
</tr>
<tr>
<td>3 16.00-16.20</td>
<td>SOME PROPERTIES OF ROTATIONAL RANDERS TWO-SPHERE OF REVOLUTION</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Rattanasak Hama)(46)</td>
<td></td>
</tr>
<tr>
<td>4 16.20-16.40</td>
<td>COMPOSITION OPERATOR ON THE GENERALIZE SEGAL-BARGMANN SPACE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Tapanee Kittinatgumtorn) (64)</td>
<td></td>
</tr>
</tbody>
</table>

### Session # 21

**Tue 24 Nov. 15: 15.20-16.40**  
**Oral Presentation**  
Room: U- tapao (C9)

<table>
<thead>
<tr>
<th>Time</th>
<th>Pure Mathematics II</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 15.20-15.40</td>
<td>Skew Polynomials and Some Generalizations of Circulant Matrices</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Prarinya Morrakutjinda and Somphong Jitman)(14)</td>
<td></td>
</tr>
<tr>
<td>2 15.40-16.00</td>
<td>SOME INEQUALITIES VIA POWER SERIES APPROACH</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Presarin Tangsiridamrong and Kanit Mukdasai)(13)</td>
<td></td>
</tr>
<tr>
<td>3 16.00-16.20</td>
<td>FURTHER RESULTS ON PATH-(SUPER) MAGIC TREES</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Tita Khalis Maryati and Otong Suhyanto)(67)</td>
<td>*</td>
</tr>
<tr>
<td>4 16.20-16.40</td>
<td>The weights of the adjoint action of some distinguished $\mathfrak{sl}_2$-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>subalgebras</td>
<td>**</td>
</tr>
<tr>
<td></td>
<td>(Yassir Dinar)(109)</td>
<td></td>
</tr>
</tbody>
</table>
## Oral Presentation

**Room: Sriracha (C7)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Applied Mathematics (Optional)</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Chair:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Co-chair:</strong></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td><strong>ON PSYCHOLOGICAL DATA USING THE CANONICAL CORRELATION ANALYSIS</strong></td>
<td>**</td>
</tr>
<tr>
<td>15.20-15.40</td>
<td>(Mark Premacio Laurente)(3)</td>
<td>**</td>
</tr>
<tr>
<td>2</td>
<td><strong>EXPONENTIAL STABILITY OF AN COUPLED SYSTEM FOR THE VIBRATIONS MODELED</strong></td>
<td>**</td>
</tr>
<tr>
<td>15.40-16.00</td>
<td>BY THE STANDARD LINEAR SOLID MODEL WITH A THERMAL EFFECTS**</td>
<td>**</td>
</tr>
<tr>
<td></td>
<td>(Octavio Paulo)(108)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td><strong>THE EFFECT OF WOLBACHIA INFECTION IN DENGUE TRANSMISSION MODEL WITH</strong></td>
<td>**</td>
</tr>
<tr>
<td>16.00-16.20</td>
<td>AGE-DEPENDENT SURVIVAL RATES**</td>
<td>**</td>
</tr>
<tr>
<td></td>
<td>(Asep K. Supriatna)(94)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>A CLASS OF ASYMMETRIC DISTRIBUTIONS</strong></td>
<td>**</td>
</tr>
<tr>
<td></td>
<td>(Kuttykrishnan A.P)(23)</td>
<td></td>
</tr>
</tbody>
</table>

**Remark.**

1) Speaker in Session#22 have to contact the technical program of ICMSA2015.
2) * : unpaid
3) ** is not yet register.