東北大学数理科学連携研究センター・ワークショップ

第３回代数的組合せ論「仙台勉強会」

～離散構造解析を中心として～

(The 3rd Sendai Workshop on Algebraic Combinatorics)

Organizers: Masaaki Harada (Tohoku University)

Akihiro Munemasa (Tohoku University)

Nobuaki Obata (Tohoku University)

Hajime Tanaka (Tohoku University)

Date: March 5–9, 2018

Place: Large Lecture Room (2nd Floor), Graduate School of Information Sciences, Aobayama Campus, Tohoku University, 6-3-09, Aramaki-Aza-Aoba, Aoba-ku, Sendai, 980-8579, Japan

Speakers and Titles

Akihito Hora (Hokkaido University)
Markov chains, graph spectra, and some static/dynamic scaling limits

Tatsuro Ito (Anhui University)
Three lectures on the Terwilliger algebra of a (P and Q)-polynomial association scheme

Edy Tri Baskoro (Institut Teknologi Bandung)
Some Ramsey numbers and Ramsey (mK_2, H)-minimal graphs

Hilda Assiyatun (Institut Teknologi Bandung)
The locating-chromatic number of trees with maximum degree 3 or 4

Vladimir D. Tonchev (Michigan Technological University)
Resolvable Steiner designs and maximal arcs in projective planes
Counting Steiner triple systems of given 3-rank

Dima Pasechnik (University of Oxford)
Using SageMath for algebraic combinatorics, in particular for strongly regular graphs

Etsuko Bannai
A survey on Euclidean designs and relative designs

Eiichi Bannai
Spherical designs, complex spherical designs, and unitary designs

Timetable

March 5 (Monday)
１０：３０〜１２：００　Akihito Hora
１３：３０〜１４：３０　Tatsuro Ito
１４：４５〜１５：４５　Tatsuro Ito
１６：００〜１７：００　Tatsuro Ito

March 6 (Tuesday)
１０：３０〜１２：００　Akihito Hora
１３：３０〜１４：３０　Edy Tri Baskoro
１４：４５〜１５：４５　Edy Tri Baskoro
１６：００〜１７：００　Hilda Assiyatun

March 7 (Wednesday)
１５：３０〜１７：００　Vladimir D. Tonchev

March 8 (Thursday)
１０：３０〜１２：００　Vladimir D. Tonchev
１４：３０〜１６：００　Dima Pasechnik
１６：３０〜１８：００　Dima Pasechnik

March 9 (Friday)
１０：３０〜１１：２０　Etsuko Bannai
１１：４０〜１２：３０　Eiichi Bannai