

Satellite Seminar of Workshop on Algebraic Combinatorics

Shanghai Jiao Tong University
Place: Middle Meeting Room (Department of Mathematics)
September 19th, 2011

Organizers: Hiroshi Nozaki (Tohoku University)
Sho Suda (Tohoku University)

Chair: Hiroshi Nozaki

9:00 – 9:30 Eiichi Bannai (Shanghai Jiao Tong University)
Title: Some Open Problems on Various Concepts of t -Designs and Fisher Type Inequalities

9:30 – 10:00 Kyoung-Tark Kim (Pusan National University)
Title: On Decompositions of Special Linear Algebras Over a Field of Positive Characteristic

Chair: Yangjing Long

10:10 – 10:40 Xiaomei Chen (Harbin Institute of Technology)
Title: On Invariants of Digraphs

10:40 – 11:10 Yaokun Wu (Shanghai Jiao Tong University)
Title: Rigid Interval Graphs: Vertex Ordering Characterizations and Multi-Sweep Graph Search Recognition Algorithm

Chair: Kyoung-Tark Kim

11:20 – 11:50 Yoshio Sano (National Institute of Informatics)
Title: On Integral Generalized Line Graphs and Generalized Signless Laplacians

Lunch break

Chair: Sho Suda

13:00 – 13:30 Hirotake Kurihara (Tohoku University)
Title: On an Excess Theorem for Polynomial Spaces

13:30 – 14:00 Yangjing Long (Max Planck Institute for Mathematics in the Sciences)
Title: Relations Between Graphs

Chair: Hirotake Kurihara

14:10 – 14:40 Ziqing Xiang (Shanghai Jiao Tong University)
Title: Lit-only Sigma Game

14:40 – 15:10 Houyi Yu (Shanghai Jiao Tong University)
Title: Commutative Rings R Whose $C(\mathbb{A}\mathbb{G}(R))$ Only Consist of Triangles