

Japan-Korea Workshop on Algebra and Combinatorics

September 14-15, 2007

Room 4201, 4th Science building
Kyushu University, Hakozaki Campus

Organizing Committee:

Eiichi Bannai (Kyushu University)

Jung Rae Cho (Pusan National University)

Mitsugu Hirasaka (Pusan National University)

Tatsuro Ito (Kanazawa University)

Hyun Kwang Kim (POSTECH)

Jack Koolen (POSTECH)

Akihiro Munemasa (Tohoku University)

September 14 (Friday)

09:10 – 09:15 Opening

09:15 – 10:00 Akihide Hanaki (Shinshu University)

A modular absolute bound condition for primitive association schemes

10:15 – 11:00 Jung Rae Cho (Pusan National University)

On cycle decompositions of complete multi partite graphs

11:15 – 12:00 Hyun Kwang Kim (POSTECH ¹)

Lonesum matrices

14:00 – 14:20 Reza Sharafadini (Pusan National University)

Semisimplicity of cellular algebras over positive characteristic fields

14:30 – 15:00 Masashi Shinohara and Hiroshi Nozaki (Kyushu University)

On locally distance sets

15:30 – 16:15 Makoto Tagami (Magdeburg University)

A lower bound for coefficients of Ehrhart polynomials

16:30 – 17:15 Sejeong Bang (Pusan National University)

On distance-regular graphs with smallest eigenvalue at least $-m$

17:30 – 18:15 Joohyung Kim (NIMS ²)

A duality between pairs of split decompositions for a Q -polynomial distance-regular graph

¹Pohang University of Science and Technology

²National Institute for Mathematical Science