

International Workshop on Combinatorics

Raiou-sha 1F, Symposium Space
Keio University, Hiyoshi Campus

January 20–22, 2004

Program

January 20

Invited Talk 1

13:30 – 14:20

Marco Buratti, University of Perugia, Italy
“Regular or rotational cycle decompositions”

Session 1

14:30 – 15:00

Ryoh Fuji-Hara, Tsukuba University
“Some problems on finite projective geometries”

15:00 – 15:30

Hikoe Enomoto, Hiroshima University
“Orthogonal (g, f) -factorization of a graph”

Session 2

16:00 – 16:30

Daniel Paulusma, University of Twente, the Netherlands
“The computational complexity of the minimum weight processor assignment problem”

16:30 – 17:00

Tomoki Yamashita, Kobe University
“A degree condition for the circumference of a k -connected graph”

17:00 – 17:30

Hajime Matsumura, Keio University
“Vertex-disjoint cycles containing specified vertices and edges”

January 21

Invited Talk 2

10:00 – 10:50

Robert E. L. Aldred, University of Otago, New Zealand
“2-Factors in regular graphs”

Session 3

11:00 – 11:30

Kiyoshi Ando, University of Electro-Communications
“Contractible edges in a 4-connected graph”

11:30 – 12:00

Atsuhiko Nakamoto, Yokohama National University
“Generating 3-connected quadrangulations on surfaces”

Lunch

Invited Talk 3

13:30 – 14:20

Vladimir Tonchev, Michigan Technological University, USA
“Symmetric nets and generalized Hadamard matrices over groups of order 4”

Session 4

14:30 – 15:00

Masaaki Harada, Yamagata University
“Self-orthogonal designs related to extremal doubly-even self-dual codes”

15:00 – 15:30

Akihiro Munemasa, Tohoku University
“On additive Steiner quadruple systems”

Session 5

16:00 – 16:30

Mariko Hagita, Nagoya Institute of Technology
“Error-correcting sequence”

16:30 – 17:00

Mikio Kano, Ibaraki University
“Balanced intervals of two sets of points on a line or a circle”

17:00 – 17:30

Shinya Fujita, Science University of Tokyo
“Existence of vertex-disjoint subgraphs”

18:00 – Party

January 22

Invited Talk 4

10:00 – 10:50

Gloria Rinaldi, University of Modena and Reggio Emilia, Italy

“Factorizations of complete graphs with vertex-regular automorphism groups”

Session 6

11:00 – 11:30

Ying Miao, Tsukuba University

“Triangle-free packings for low-density parity-check codes”

11:30 – 12:00

Yukiyasu Mutoh, Keio University

“Decompositions of a complete graph into colorwise simple edge-colored graphs”

Lunch

Invited Talk 5

13:30 – 14:20

Akira Saito, Nihon University

“Forbidden subgraphs and matchings in graphs”

Session 7

14:30 – 15:00

Kenji Kimura, University of Electro-Communications

“Factors and vertex-deleted subgraphs”

15:00 – 15:30

Jun Fujisawa, Keio University

“Heavy paths and cycles containing some specified vertices in weighted graphs”

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