

Workshop “ Tropical Geometry and Related Topics ”

Dates: 10–12 September 2007

Venue: Department Mathematics, Hokkaido University
Room 4-508, Faculty of Science Building # 4, Hokkaido University
Organizers: Goo Ishikawa (Hokkaido University) and more.

PROGRAM

10th September 2007 (Mon.)

14:20–15:20 Grigory Mikhalkin,

Tropical modifications and the resulting equivalence relation

15:40–16:40 Takeo Nishinou,

Correspondences between tropical and holomorphic curves

17:00–18:00 Takeshi Kajiwara,

Tropical toric geometry

19:00– —Reception—

11th September 2007 (Tue.)

10:00–11:00 Daisuke Takahashi,

On Some Ultradiscrete Systems

11:20–12:20 Rei Inoue & Tomoyuki Takenawa,

Tropical spectral curves and integrable cellular automata

—Lunch break—

14:20–15:20 Tsuyoshi Kato,

A pattern formation in dynamical systems by families of iteration maps

15:40–16:40 Yasuhiko Yamada,

Geometric formulation of discrete Painlevé equation and its tropical analogue

17:00–18:00 Toshiaki Maeno,

Tropical geometry and construction of phylogenetic trees

12th September 2007 (Wed.)

10:00–11:00 Fumiharu Kato,

Notion of points in rigid geometry - classical points, Berkovich points, and Zariski-Riemann spaces

11:20–12:20 Sachiko Saito,

Real K3 surfaces with non-symplectic involutions and del Pezzo surfaces

—Free discussion—