

# West Kobe Mathematics Seminar

## Workshop on Algebras, Geometries and Graphs

Date: February 17 (Saturday), 2024

Place: Room 318, Research Building I,

Kobe Economics and Business Campus, University of Hyogo

\*The place might be changed a room in the Unity (see the map on the site)

### February 17 (Saturday)

**09:30–10:10** Weiguo Xie (University of Minnesota - Duluth, USA)

”Novel Systematic Rotational Algorithms for Coloring Planar Graphs”

**10:15–10:55** Songpon Sriwongsa (King Mongkut’s University of Technology Thonburi, Thailand)

”Orthogonal decompositions of classical Lie algebras over finite commutative rings”

**11:00–11:40** Noriaki Kamiya (University of Aizu, Japan)

” On certain algebraic structures associated with Lie (super) algebras  
— $B_3$  types construction —”

**11:45–12:25** Paul Hriljac (Embry-Riddle Aeronautical University, USA)

”Some remarks on the complexity class  $C_{r,d}$ ”

**12:30 – Lunch-Time –**

**13:30–14:10** Tatsunari Watanabe (Embry-Riddle Aeronautical University, USA)

”Moduli of Hyperelliptic Curves and the Hyperelliptic Birman Exact Sequence”

**14:15–14:55** Carl-Fredrik Nyberg Brodda (KIAS, Republic of Korea)

”TBA”

**15:00–15:40** Collin Bleak (University of St Andrews, UK)

”Some free actions for one-sided shift spaces”

**15:45–16:25** Tsunekazu Nishinaka (University of Hyogo, Japan)

”Group algebras of Thompson’s group  $F$ ”

Program Committee:

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