

Sophia University

Mathematics Colloquium

When: Friday, June 2, 2017, 17:30 - 18:30

Where: Room No. 201, Main Bldg., Ichigaya-Campus

Speaker: Prof. Sam Nelson (Claremont McKenna College)

Title: Biquasiles and Dual Graph Diagrams

Abstract: A dual graph diagram is a way of encoding an oriented knot or link using a pair of graphs with some extra information. A biquasile is an algebraic structure we can use to color the vertices in a dual graph diagram analogously to biquandle colorings of semiarcs in a dual knot diagram to obtain new knot and link invariants.

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