

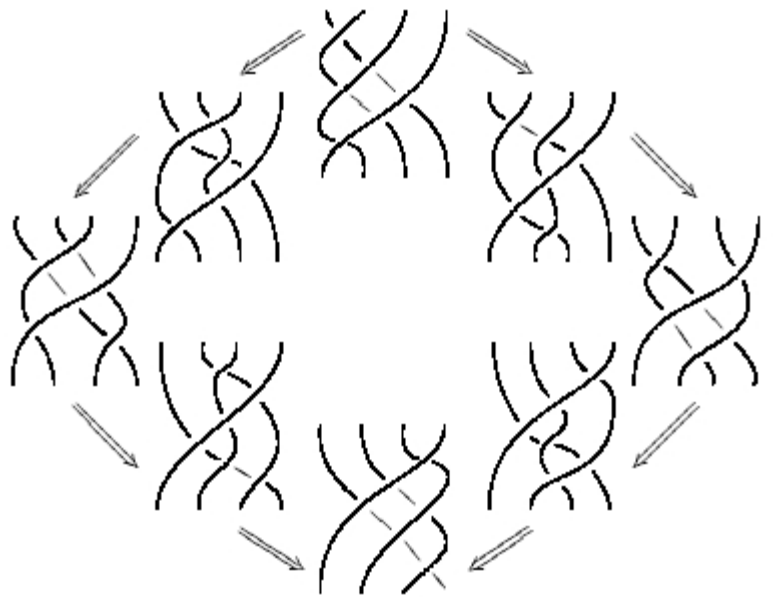
The Oliver Club

www.math.cornell.edu/~oliver/

Tony Licata, Institute for Advanced Study

Applications of sl_2 Categorification

These days “categorification” is a popular term, especially in relation to the representation theory of quantum groups and the quantum invariants of low dimensional topology. Much of the mathematics in these subjects can be understood as part of the “higher representation theory” of the Lie algebra sl_2 . The goal of this talk will be to motivate interest in the higher representation theory of sl_2 by describing applications to algebra and to geometry.



Thursday, February 9, 2012
at 4:00 PM in 532 Malott Hall

Refreshments will be served at 3:30 PM in the Mathematics Department lounge (532 Malott Hall).