

Quantum Topology / Hopf Algebra Seminar

Knots, Knotoids and Virtual Knots

Louis H Kauffman (UIC)

Abstract: A knotoid is a knot diagram with two ends such that the ends can be in separate regions of the diagram. A diagrammatic theory of knotoids uses Reidemeister moves that do not involve the ends of the diagram. This talk will explain motivations for studying knotoids (the definition is due to Vladimir Turaev) and relationships of the theory of knotoids with virtual knot theory and a new theory of beaded knots. This talk is self-contained and can be of interest to anyone who wants to learn about knot theory.

This is an organizational meeting for the Quantum Topology Seminar. If you are interested in talking in this seminar or you have suggestions for topics for the seminar please contact Louis H Kauffman <kauffman@uic.edu>.

Tuesday, January 15 at 3:00 PM in 612 SEO