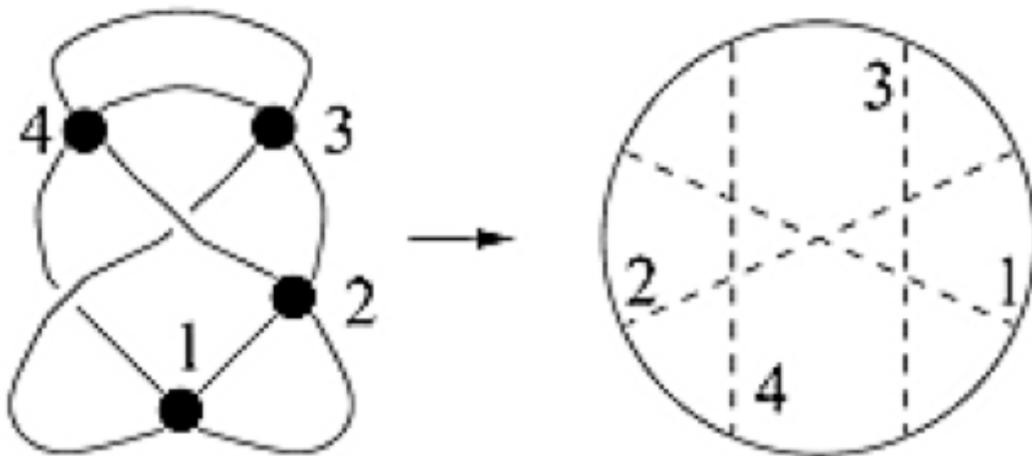


The SUMO Speaker Series for Undergraduates

(food from Pizza Chicago)
Wednesday, March 3
4:40-5:30, room 380C

Finite-type knot invariants

Robin Koytcheff



Abstract: Finite-type knot invariants (also known as Vassiliev invariants) are an important class of invariants in that they conjecturally approximate all knot invariants and hence separate knots. They can be expressed in purely combinatorial terms by considering knots with finitely many "double-points" and associated chord diagrams. I will describe them from this perspective, computing some examples and drawing many pictures in the process.

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