Mathematics, Statistics, and Computer Science   **@ UIC**

Quantum Topology / Hopf Algebra Seminar

Smooth Generic Position

Jonathan Schneider (UIC)

Abstract: We generalize classical knot diagrams and moves to higher dimensions.

Smooth maps are generic when they cannot be fundamentally altered by small perturbations.

Codimension-1 generic maps may be decomposed into simple structures of finitely many types.

We catalog these structures for dimensions 0 through 3, and also catalog their moves.

Tuesday, January 22 at 3:00 PM in 612 SEO