

ALGEBRAIC KNOT THEORY- AN EMERGING FIELD?

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In this talk I will discuss the possibility of future research in the field of algebraic knot theory, conceived by Dror Bar-Natan. The idea is to extend knot invariants to knotted trivalent graphs, in a way that respects certain operations on the graphs (such as edge deletion). I will explain how this would be a way to retrieve new and interesting information about knots.