

Review of: "Two Intrinsic Formulae Generated by the Jones Polynomial"

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The paper explores the intricacies of the Jones polynomial, uncovering two essential intrinsic relations derived from Skein relations and Kaufmann brackets. Motivated by particle physics, Wolk's novel approach sheds light on the significance of these relations. By analyzing polynomials, he discerns distinguishing features, notably the presence or absence of Jones polynomials for specific links. Wolk introduces the Link Class Invariant, showing how coefficients in Jones polynomials correlate with link components. This criterion aids in identifying genuine Jones polynomials, offering insights into link structures. The paper's clarity and systematic approach makes it accessible to readers interested in knot theory, providing fresh insights into the understanding of link topology. Overall, Wolk's work contributes valuable insights to knot theory, paving the way for further exploration in the field. I suggest extending the work to be suitable for publication in a specialized number theory-related journal.