

SOME QUESTIONS ABOUT VIRTUAL LEGENDRIAN KNOTS

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Virtual Legendrian knots were introduced by Cahn and Levi and jointly with Sadykov we proved the Kuperberg type theorem for them. We will discuss a few open questions about the virtual Legendrian knots including the versions of the Ding-Geiges Theorem, Arnolds 4 cusp conjecture and the applications of this to causality in spacetimes with the changing topology of the spacelike section in the spirit of our works with Nemirovski.