

Theorem. {ribbon knots} ~ $\{u\gamma: \gamma \in \mathcal{O}(\infty), d\gamma = \bigcirc \bigcirc$ }. Hence an expansion for KTG may tell us about ribbon knots, knots of genus 5, boundary links, etc.

a homomorphic expansion is solving finitely many equations with finitely many unknowns, in some graded spaces.

Video and more at http://www.math.toronto.edu/~drorbn/Talks/MSRI-0808/