

## ABSTRACT

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Skein relations provide a way of constructing polynomials from knots in  $S^3$ , and more generally constructing algebras from surfaces. Frohman and Gelca gave a beautiful description of the algebra constructed using the Kauffman bracket ( $sl_2$ ) skein relations and the torus. In this talk we discuss the Kauffman ( $so(\infty)$ ) skein algebra of the torus, and its relation to the Homflypt and Kauffman bracket skein algebras. We also discuss similarities between the "special" generators found by Frohman and Gelca and the analogous generators in the Homflypt and Kauffman case.