

1098-57-286

Heather M Russell* (hrussell12@washcoll.edu) and **Hoel Queffelec**. *Oriented skein modules and the Frohman-Gelca formula.*

Using an oriented skein module of curves in thickened surfaces, we offer an alternative proof of the product-to-sum result of Frohman and Gelca that relates the Kauffman bracket skein module of the cylinder over the torus to a certain canonical subalgebra of the non-commutative torus. (Received January 28, 2014)