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(alistair.savage@uottawa.ca). *The elliptic Hall algebra and the quantum Heisenberg category.*

The quantum Heisenberg category can be viewed as a categorical central extension of the HOMFLYPT skein category, which is the category underpinning the HOMFLYPT link invariant. We explain how the trace of the quantum Heisenberg category is isomorphic to a central reduction of a central extension of the elliptic Hall algebra. (Received February 18, 2021)