1153-20-79 **You Qi***, yq2dw@virginia.edu. *On a tensor product categorification at prime roots of unity.*

Motivated by finding a categorical analogue of conformal blocks, we explain a formalism of extending a given categorical quantum group representation on a Weyl module to a certain tensor product representations. In particular, equipped with p-differential graded structures, the machinery gives rise to a categorification of certain tensor product representations of Weyl modules at prime roots of unity. This is based on joint work and work in progress with M. Khovanov and J. Sussan. (Received August 16, 2019)