1147-17-446 **Gordon Brown**, **Nick Davidson*** (`njd@ou.edu`) and **Jonathan Kujawa**. *Quantum Webs of type Q.*

I will discuss recent work defining the category of *(oriented) quantum webs of type Q*. This is a category whose morphisms are combinatorially defined diagrams called webs. The webs category admits a full functor to a category of tensor products of modules over the quantum type Q superalgebra $U_q(\mathfrak{q}_n)$. Put more simply, this means that (extremely complicated) calculations involving homorphisms between tensor products of certain $U_q(\mathfrak{q}_n)$-modules can be replaced by elementary diagrammatic calculations using webs. (Received January 23, 2019)

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