Gordon Brown, Nicholas Davidson* (ndavidson@math.ou.edu) and Jonathan Kujawa.

Quantum Webs of type Q. Preliminary report.

Originally introduced by Kuperberg, webs are combinatorially defined diagrams used to describe homomorphisms between certain representations of quantum groups. I will discuss joint work with Jon Kujawa and Gordon Brown which uses webs to give a combinatorial description of the homomorphisms between tensor products of representations of the type Q quantum supergroup $U_q(\mathfrak{q}_n)$. (Received September 25, 2018)