

1093-20-254

David Hill*, 1173 Raintree Dr, Charlottesville, VA 22901, and **Weqiang Wang**. *Categorification of Kac-Moody Superalgebras*.

We give a Khovanov-Lauda-Rouquier-type categorification of quantum Kac-Moody superalgebras with non-isotropic odd roots based on quiver Hecke superalgebras introduced by Kang-Kashiwara-Tsuchioka.

As a consequence, we obtain a canonically defined, bar invariant basis for the quantum group consisting of isomorphism classes of projective indecomposable modules. (Received August 17, 2013)