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Hans Wenzl*, Dept of Math, UC San Diego, La Jolla, CA 92093. *Module categories for quantum groups and fusion categories of type A*. Preliminary report.

We construct a q -deformation of an embedding of $Sp(N-1)$ into $Sl(N)$ for N odd via a 2-parameter extension of Hecke algebras of type A. This can be used to construct the module categories mentioned in the title as well as subfactors which are expected to be related to charge conjugation (Received August 30, 2021)