1114-57-233 **Nathan Druivenga*** (`nathan-druivenga@uiowa.edu`), Department of Mathematics, University of Iowa, 14 MLH, Iowa City, IA 52242, and **Charles Frohman** and **Sanjay Kumar**. *Tangle Functors at Roots of Unity.*

We prove that there is a tangle functor underlying certain semicyclic representations of $U_q sl_2$ when $q = e^{i\pi/N}$ where N is odd. Specifically, when $U_q sl_2$ is presented in the standard way with generators E, F and K these representations have $E^N = a$, where a is a nonzero scalar, $F^N = 0$ and $K^N = 1$.

After proving the existence of the tangle functor we compare the answer to the colored Jones polynomial of level $N-1$ at $q = e^{i2\pi/N}$, for the figure eight knot. (Received August 28, 2015)

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