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Charles D Frohman* (frohman@math.uiowa.edu), The Department of Mathematics, The University of Iowa, Iowa City, IA 52242. *Continuous Quandles and Knot Homology theories*. Preliminary report.

Following ideas of Ryshard Rubensztein and Magnus Jacobsson we are exploring the homology of the representation spaces of a knot quandle into $CP(n)$ viewed as a continuous quandle. We will explain some basic examples and explore their relationship with the colored Jones polynomial (Received March 16, 2010)