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Mohamed Elhamdadi* (emohamed@math.usf.edu), **Scott Carter**, **Matias Grana** and **Masahico Saito**. *Generalized quandle homology theory and applications*.

The notion of quandle module will be reviewed and generalized quandle homology will be outlined. Cocycles with group actions on coefficient group will be used to describe cocycle knot invariants. Some examples will be shown. (Received January 30, 2008)