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Mohamed Elhamdadi* (emohamed@math.usf.edu), **Scott Carter**, **Matias Grana** and
Masahico Saito. *Generalized quandle cohomology and cocycle knot invariants.*

A generalized quandle cohomology theory will be explained and used to define cocycle knot invariants. Example of calculations will be shown. (Received January 30, 2008)