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**Masahico Saito\*** ([saito@math.usf.edu](mailto:saito@math.usf.edu)). *The Minimal Number of Fox Colors and Quandle Cocycle Invariants of Knots.*

Relations will be described between the quandle cocycle invariant and the minimal number of colors used for Fox colorings of knots. In particular, a lower bound for the minimal number is given in terms of the quandle cocycle invariant. (Received January 24, 2008)