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Seiichi Kamada* (kamada@math.sci.hiroshima-u.ac.jp), Department of Mathematics,
Hiroshima University, Higashi-Hiroshima, Hiroshima 739-8526, Japan. *Knot symmetric quandles
and their presentations.*

A symmetric quandle is a quandle with a good involution. For a knot in R^3 , a knotted surface in R^4 or an n -manifold in R^{n+2} , the knot symmetric quandle is defined. We introduce the notion of a presentation of a symmetric quandle, and show how to get a presentation of a knot symmetric quandle from a knot diagram. (Received August 25, 2009)