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Tatyana S Chmutova* (chmutova@umich.edu), University of Michigan, Department of Mathematics, 530 Church St, Ann Arbor, MI 48109. *Twisted symplectic reflection algebras.*

Given a finite group G , its symplectic representation U , and a two-cocycle ψ we will define a twisted symplectic reflection algebra. We will consider the case of noninjective U and show that it can be reduced to the injective case. In this reduction the cocycle ψ might become nontrivial even if at the beginning it was trivial. (Received February 14, 2010)