1070-54-323 **Jennifer Franko Vasquez***, The University of Scranton, Mathematics Department, Scranton, PA 18510. *Braid Group Representations with Finite Images.*

Any invertible matrix which satisfies the Yang Baxter Equation can be used to obtain representations of the braid group. During this talk we will consider some unitary solutions to the Yang Baxter Equation, the images of representations arising from these solutions, and the known link invariants these representations yield. (Received February 15, 2011)