

Meeting: 1003, Atlanta, Georgia, MAA CP X1, MAA General Contributed Paper Session, I

1003-X1-344 **Jeffrey W. Clark*** (clarkj@elon.edu), Campus Box 2122, Elon University, Elon, NC 27244.

Using Art to Teach Elementary Group Theory.

This paper will discuss how to use the art of M. C. Escher to convey symmetry to students in first semester calculus, generalizing beyond the usual symmetries with respect to the x -axis, the y -axis, and the origin. It will also discuss how to lead into elementary discussions of group operations and compositions. (Received September 10, 2004)