

Meeting: 1003, Atlanta, Georgia, SS 13A, AMS Special Session on Algebraic Geometry Codes

1003-14-758 **D Joyner*** ([wdj@hermes.evlab.usna.edu](mailto:wj@hermes.evlab.usna.edu)), Annapolis, MD 21402, and **A Ksir**. *Automorphism groups of some AG codes and curves.*

We show that in many cases, the automorphism group of a curve and the permutation automorphism group of a corresponding AG code are the same. This generalizes a result of Wesemeyer beyond the case of planar curves and suggests a new way to compute automorphism groups of curves. (Received September 29, 2004)