

Department of Mathematics and Statistics Colloquium

An Exploration of the Musical Pitch Class Group

Len Van Wyk, JMU

Abstract: The twelve musical pitch classes can be given a cyclic group structure. Once that is done, the usual group-theoretical concepts of generators, subgroups, cosets, group actions on subsets, and distances between group elements in Cayley graphs have musical interpretations that we'll discuss.

**Wednesday, January 28 at 3:45 in Roop 103
refreshments at 3:30**