

1077-13-2424 **Daniel R Moseley*** (dmoseley@uoregon.edu). *Group Actions on Arrangement Complements.*

The symmetric group acts on the configuration space of n points in \mathbb{R}^3 and the induced action on cohomology is isomorphic to the regular representation. We will give a neat proof of this fact and generalize this result to other arrangement complements. (Received September 22, 2011)