

1086-05-1319

Georgia Benkart* (benkart@math.wisc.edu), Department of Mathematics, University of Wisconsin-Madison, Madison, WI 53706, and **Tom Halverson** (halverson@macalester.edu), Department of Mathematics & Computer Science, Macalester College, St. Paul, MN 55105.
McKay Centralizer Algebras.

The McKay correspondence establishes connections between finite subgroups of $SU(2)$ and affine simply-laced Lie algebras. This talk will focus on our work (some joint with J. Barnes) relating those objects to certain finite-dimensional associative algebras, their combinatorics and representations, and to walks on affine Dynkin diagrams. (Received September 21, 2012)