

1155-16-593

**Zajj B Daugherty\*** ([zdaugherty@gc.cuny.edu](mailto:zdaugherty@gc.cuny.edu)), The City College of New York, Department of Mathematics, 160 Convent Ave, New York, NY 10031. *Centralizer algebras for orthogonal and symplectic Lie algebras and their generalizations*. Preliminary report.

Brauer algebras, BMW algebras, and their generalizations arise as tensor power centralizer algebras for orthogonal and symplectic Lie algebras and quantum groups. In this talk, we will explore some of the newer generalizations, building upon combinatorial and algebraic structure of these families of diagram algebras. (Received January 21, 2020)