

1135-16-1206 **Kenneth L Price*** (pricek@uwosh.edu), Department of Mathematics, University of Wisconsin Oshkosh, 800 Algoma Boulevard, Oshkosh, WI 4901-8631. *Counting Elementary Gradings of Matrix Rings*. Preliminary report.

The speaker will present an explicit formula for the number of nonequivalent elementary gradings by a finite group on the ring of square matrices of size n over a field. (Received September 20, 2017)