

1114-17-305

Daniel Brice* (danielbrice@gmail.com). *Upper Triangular Ladder Matrix Algebras*. Preliminary report.

Following a definition of B- and Huang, we examine a class of matrix algebras that extends the class of upper triangular matrix algebras, so called upper triangular ladder matrix algebras (UTLs). It is known that UTLs are zero product determined under standard matrix multiplication. We provide preliminary results towards a proof that UTLs are zero product determined under the Lie bracket. (Received August 31, 2015)