1064-17-170 **Andrew T. Wells*** (`awells@ecok.edu`), 1014B N. Highland Ave., Ada, OK 74820. *The Zorn vector matrix algebra over $\mathbb{Z}/4\mathbb{Z}$.*

This talk will summarize all of my current structural results for the Zorn vector matrix algebra over $\mathbb{Z}/4\mathbb{Z}$, particularly its loop of units and that loop's automorphism group. Said loop is strongly related to the smallest Paige loop and many of the connections apply in the same way to Zorn vector matrix algebras over $\mathbb{Z}/p^2\mathbb{Z}$ in general and these will be highlighted throughout. This talk is meant to complete the talks on this topic given at the Kalamazoo meeting and the Mile High Conference in Denver, but also stands on its own. (Received September 07, 2010)