

1125-11-2482      **Hiram Golze\*** (golze2@illinois.edu). *t-Core Words and Their Use in Proving t-Core Identities.*

We introduce the notion of  $t$ -core words. By describing these, we can find tools for proving identities bijectively. These are shown to be especially useful in the case of  $t = 3$ . (Received September 20, 2016)