Hiram Golze* (golze2@illinois.edu). \textit{t-Core Words and Their Use in Proving t-Core Identities.}

We introduce the notion of \textit{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 \textit{t} = 3. (Received September 20, 2016)