1092-00-315 **Christine A Kelley*** (`ckelley2@math.unl.edu`) and **Kathryn A Haymaker** (`s-khaymak1@math.unl.edu`). *Design and Implementation of LDPC codes for flash memory.*

In this talk we will discuss coding design constraints imposed by the nature of flash memory channels, and how to effectively implement binary LDPC codes in this setting. We will also discuss nonbinary LDPC codes and their decoding for this application. (Received August 12, 2013)