1057-94-100 **Finley Freibert***, 328 Natural Science Building, University of Louisville, Louisville, KY 40292, and **Jon-Lark Kim**, 328 Natural Science Building, University of Louisville, Louisville, KY 40292. *Codes in Random Network Coding.* Preliminary report.

Yeung & Zhang introduced the concept of network coding theory in 1999. Since then, network coding theory has become very popular because of its wide applications. Koetter & Kschischang in 2008 considered a random network coding and introduced the Hamming bound, the G-V bound, and the Singleton bound for codes in the finite-field Grassmannian. In this talk, we overview recent developments of these codes. (Received January 13, 2010)