998-13-96   **Craig Huneke*** (`huneke@math.ukans.edu`), Department of Mathematics, University of Kansas, Lawrence, KS 66045, and **Moira McDermott** and **Paul Monsky**. *Hilbert-Kunz functions of normal local rings.* Preliminary report.

I will report on recent work, joint with Moira McDermott and Paul Monsky regarding the existence of a second coeffient in the Hilbert-Kunz function of an m-primary ideal in a normal local ring of positive characteristic. (Received February 14, 2004)