1046-55-617   **Andrew W. Elliott*** (`elflord@rice.edu`), Math Department – MS 136, Rice University, 6100 S. Main St., Houston, TX 77005. *Construction of H-thick knots in Khovanov Homology.* Preliminary report.

Using Jacobsson homomorphisms and Lee's spectral sequence, we describe a general procedure, quasipositive modification, for constructing knots of thickness at least 3 in rational Khovanov homology. Moreover, we show that a specific family of such knots cannot be detected by Khovanov's thickness criteria. (Received September 09, 2008)