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Andrew W Elliott* (elflord@rice.edu), Math Department – MS 136, Rice University,
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 August 18, 2008)