1014-52-854   **Mark W Meckes*** (`mark@math.stanford.edu`), Dept. of Mathematics, Bldg. 380, Stanford University, Stanford, CA 94305. *Central limit properties of convex bodies.*

A number of recent papers have shown that in certain respects projections of the uniform measure on a high-dimensional convex body behave like projections of product measures. We will discuss recent Berry-Esseen-type results along these lines. The results are obtained via a novel method in convex geometry, namely Stein's method for proving probabilistic limit theorems. (Received September 25, 2005)