Luke Williams* (will2086@math.msu.edu). Ribbon Complements.

Given a ribbon knot $K$ in $S^3$, it is straightforward to construct a 4-dimensional handlebody diffeomorphic to the complement of a properly embedded ribbon disk bounding $K$ in $B^4$. However, such constructions are by no means canonical. This ambiguity can be used advantageously in constructing differing 4-manifolds with fixed 3-manifold boundary built from 0-surgery on $K$. (Received September 25, 2012)