

1086-57-2674 **Luke Williams*** (will12086@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)