

1023-51-178

Jiajun Wang* (wang@math.berkeley.edu), Dept of Math, Columbia Univ, 2990 N Broadway,
MC 4406, New York, NY. *A combinatorial description to some Heegaard Floer homologies.*

We will give a combinatorial description to the hat version of the Heegaard Floer homology of any three-manifold. Our algorithm also allows us to compute the hat version of knot Floer homology (and link Floer homology) of a link in an arbitrary three-manifold. (Received August 20, 2006)