1023-55-1509 **Sridhar Rajagopalan*** (`shridhar@brandeis.edu`), Brandeis University, Department of Mathematics, MS 050, P O Box 9110, Waltham, MA 02454-9110. *Heegaard Floer homology and Periodic Knots.* Preliminary report.

We study the Heegaard Floer homology of Periodic Knots. This involves understanding the a version of Link Floer homology with extra marked points and its relation to Link Floer Homology. The induced action of the cyclic group on the Link Floer homology with extra marked points is considered. (Received September 26, 2006)