1079-57-318   **Jennifer Hom*** (`hom@math.columbia.edu`). *Applications of the knot Floer complex to concordance.* Preliminary report.

By considering the knot Floer complex up to the weaker relation of epsilon-equivalence, rather than filtered chain homotopy equivalence, one can obtain a wealth of concordance information. We will discuss applications of this approach. (Received January 17, 2012)