1105-51-158   **Heather M Lee*** (`mxli@math.berkeley.edu`), Department of Mathematics, 970 Evans Hall, University of California, Berkeley, BERKELEY, CA 94720. *Wrapped Fukaya category of punctured Riemann surfaces via pairs of pants decompositions.* Preliminary report.

Let H be a punctured Riemann surface that is a hypersurface in $(\mathbb{C}^*)^2$. We computed the wrapped Fukaya category $\mathcal{W}(H)$ by first decomposing H into pairs of pants, and then reconstructing its wrapped Floer complexes from those for various pairs of pants. They are glued together in the sense that the restrictions of the wrapped Floer complexes from two adjacent pairs of pants to the cylindrical piece that adjoins them agree. The A_∞-structures of $\mathcal{W}(H)$ are given by those in the pairs of pants. As a work in progress, we hope to demonstrate homological mirror symmetry by showing the category of singularities of the mirror Landau-Ginzburg model can also be constructed in the same way from local affine pieces that are mirrors of the pairs of pants. (Received September 16, 2014)

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