

MTH 996: Exercises from Weeks 5 and 6

1. Finish the computation of $HF^+(S_2^3(RHT))$ from class.
2. Use the surgery formula to compute HF^+ of some surgeries on the figure-eight knot. Compute V_0 and τ of this knot.
3. Show that $CFK^\infty(RHT\#RHT)$ has the form shown in class. Compute V_0 and τ of this knot.
4. Find a formula for the invariant V_0 for L -space knots and their mirrors.