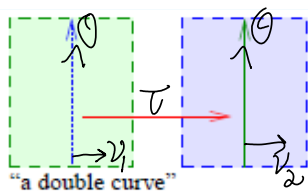
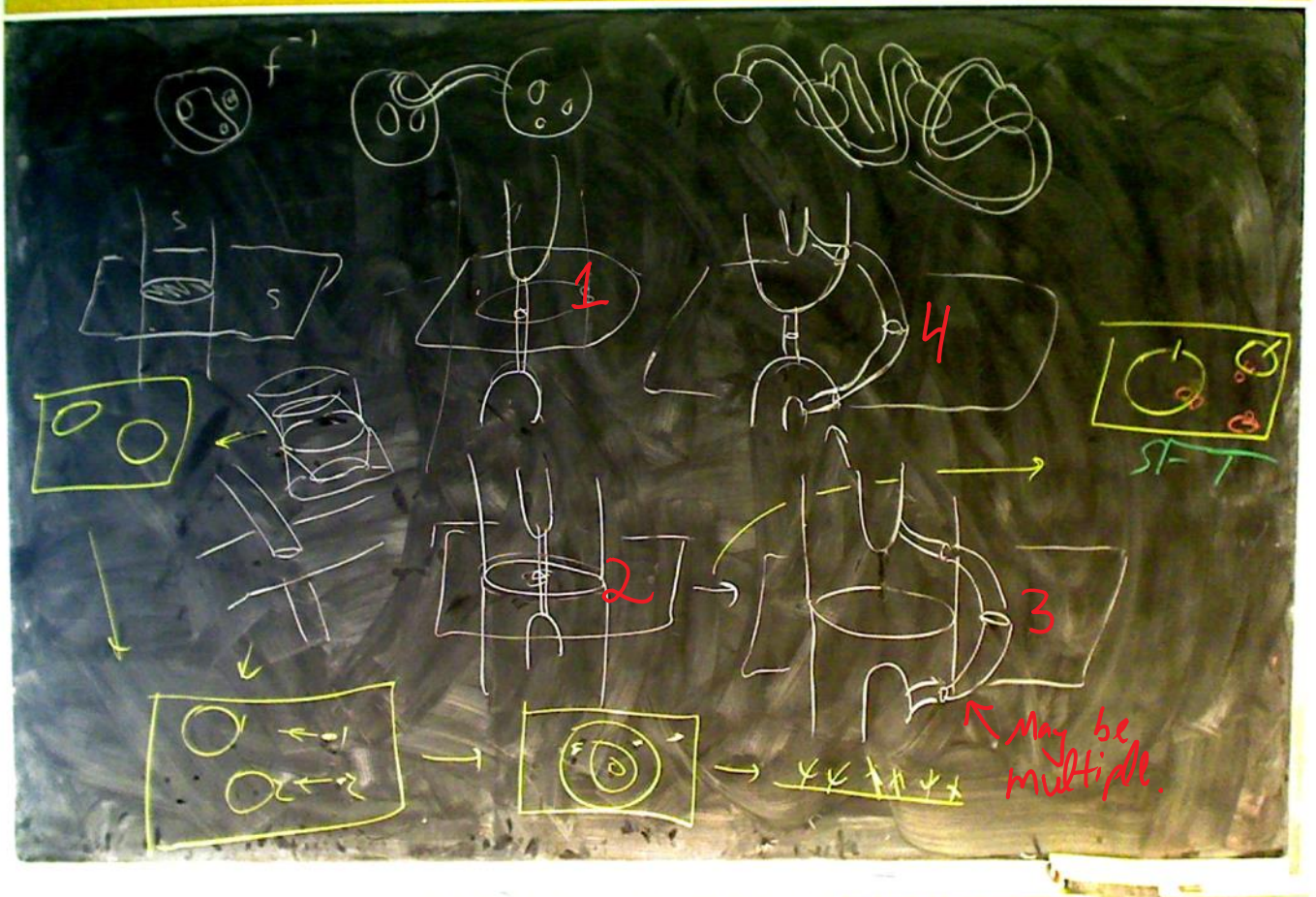


Simply Knotted 2-Knots

May-10-14 7:00 PM



only double curves are allowed.
 orientation convention: If θ_1 & θ_2 are the knot orientations, $\tau \nu_1 \nu_2 \theta$ is the ambient orientation.



bbs/Chterental-140430-134453.jpg

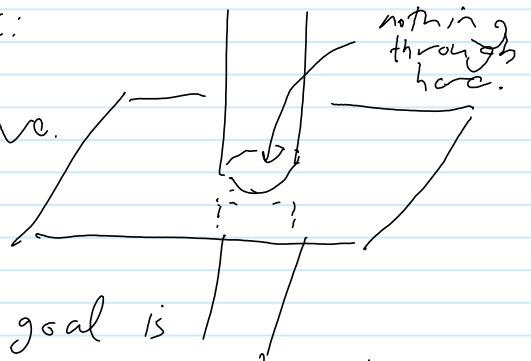
Ikanenobu-shime procedure, following Chterental:

Intermediate step: Bring knot to have only "simple bubble curves" - in every double curve pair, one of the members bounds an empty disk:

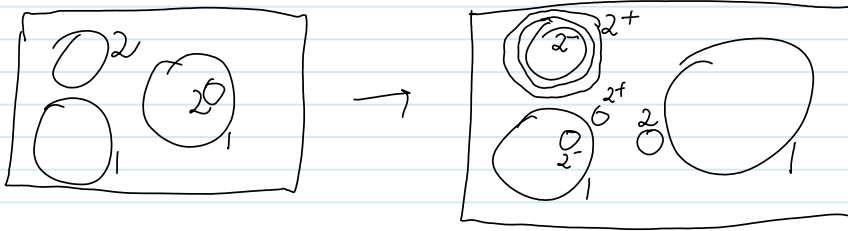
Action: See the **1234** procedure above.

In each pair, designate one of the curves as WBC: "will be cleaned".

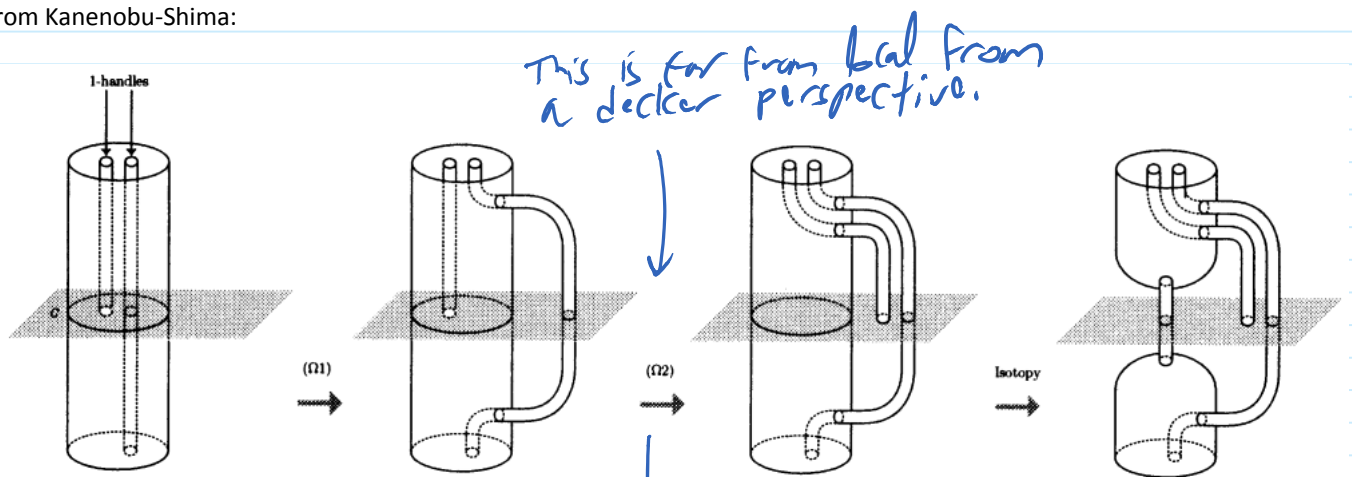
or AC: "already cleaned". Our goal is to lower the number of WBC curves without



spoiling any AC curve. Now pick an inner-most WBC curve [meaning: does not enclose any other WBC curve] and clean it using 1234. This does the job. On docker level, we've used:

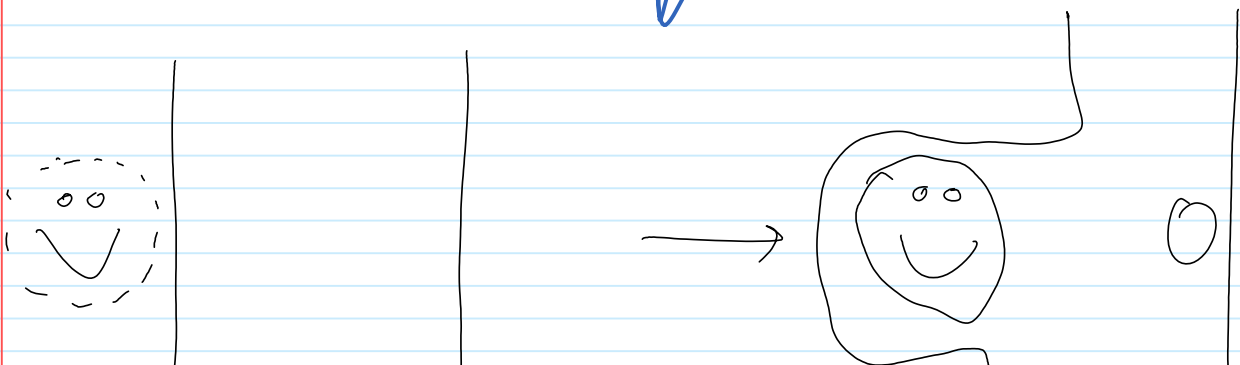
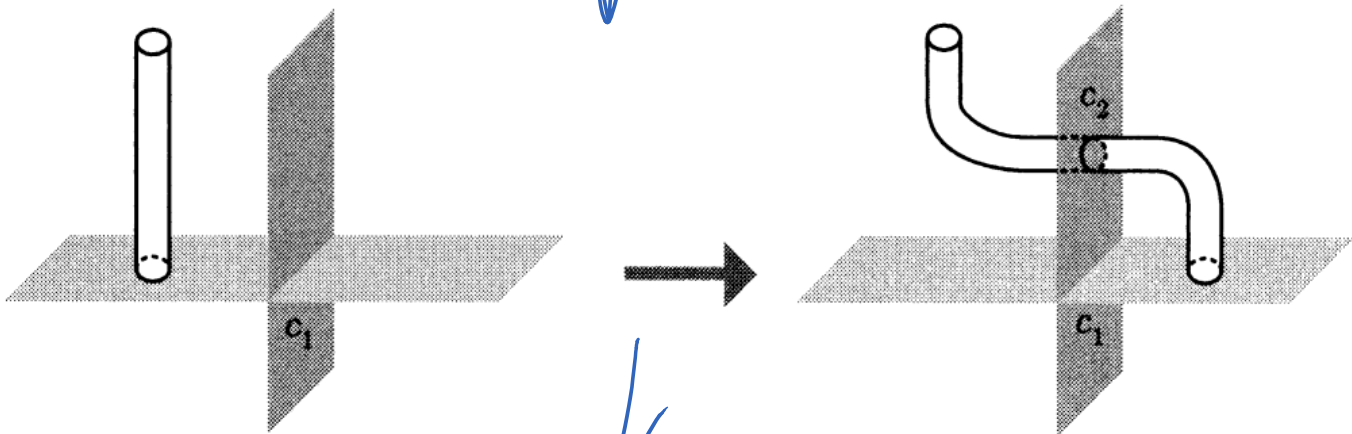


From Kanenobu-Shima:



This is far from local from a docker perspective.

Fig. 24.



Handwritten marks: a vertical line with a hook at the bottom, and a cluster of short, curved lines above it.

Handwritten mark: a vertical line with a hook at the bottom.

Handwritten mark: a vertical line with a hook at the bottom, and a large, stylized, curved shape above it.

Handwritten mark: a vertical line with a hook at the bottom.