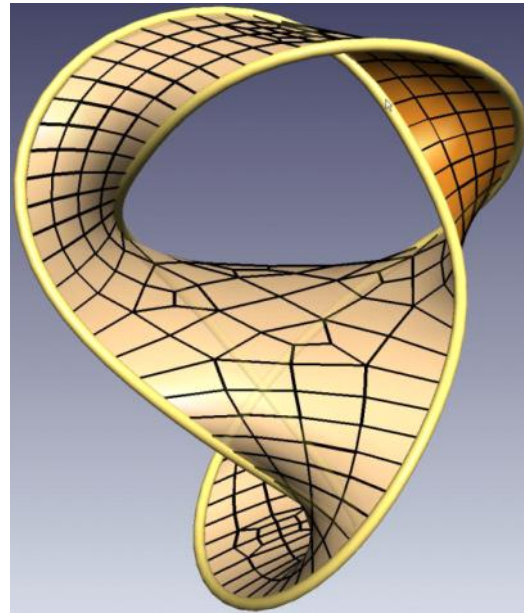


Three Basic Problems

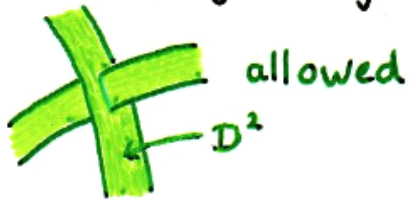
October-08-08
12:49 PM

1. Determine the "genus" of a knot.
2. Determine the "unknotting number" of a knot.
3. Decide if a knot is "Ribbon":



Drawn using SeifertView,
<http://www.win.tue.nl/~vanwijk/seifertview/>

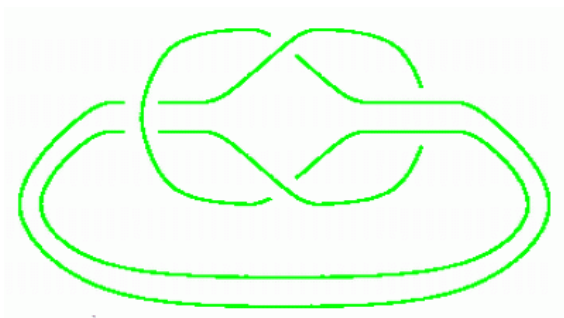
"ribbon singularity":



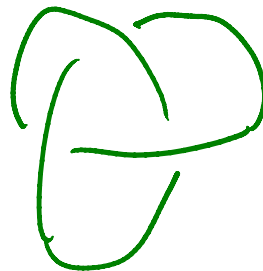
"cusp":



(image by Zsuzsanna Dancso)



Ribbon



Not