4/22

1   Major Changes

I am now testing three types of energies.

2   Progress

It became clear the default wilmore flow we were using is unstable when allowing for variable edge lengths(leads to a blow up in length). So we are now testing 2 additional energies. The first adds a sum of lengths squared penalty and the second only takes sums of squared curvatures into account.

3   Milestones

Minus a few bugs involving numerical degenericies and a matrix facorization issue, this is where I hoped to be by the end of the semester.

4   Surprises

This was about what I was aiming for by the last update.

5   Looking Ahead

We aim to develop more stable energies and couple these with other methods of performing the flow(other than intrinsic coordinates).

6   Revisions

NA

7   Resources

As far as I know I currently have all the resources I need.
    Try the demo!