

HW3 Reflection

For the entire homework set, make sure to also include:

- a reflection on the assignment and your solutions. Reflections may include
 - discussion of how routine or challenging the assignment was,
 - approximation of time spent on the assignment or on individual exercises,
 - details about particular difficulties or false starts,
 - explanations of why solutions are incomplete or incorrect, etc.
- a self-assessment (C/R/M) for the entire assignment.

This homework was not very routine or challenging, it was certainly the most interesting for me to complete thus far. I really enjoyed drawing out the different representations for the basic surfaces. It shows how powerful a tool topology can be for geometrical problems. I probably spent approximately 1 hour solving everything, and an additional hour drawing it out and making it look nicer. My “rules” for squarification were almost completely identical to the ones for our triangulations, as I wanted it to be succinct and proper. I also noticed that building the squarifications were very simple as well, because conceptually all that you have to do is combine pairs of triangles within the triangulation to get the answer. I revised my final squarification, because I realized that it was not correct; instead there was a much more intuitive solution using the fact that I just mentioned.