Description – I was very interested some of the works we saw in lecture on Tuesday, specifically, the video clock/eye visualization and the Titanic visualization. I thought both visualizations were very beautiful.

For my visualization, I would like to take a histogram of each frame in a video and take the most used color and map it to a circle. I want to then create a spiral of circles and basically map out all the frames in a video. I want to do a spiral for a couple reasons. First, I want the string of circles to be continuous. If the string of circles breaks up, one will have to physically divert one’s eyes to another location. Movies are shown in continuous streams, so I want the visualization to reflect that. Another reason I wanted to use a spiral was because it offers the ability to show flow.

This is what the visualization may look like after about 60 frames. Then after about 30 more frames, the visualization may look like this.

One thing a person may notice is that there are places where the colors of the frame changes drastically. This change can reflect a new scene. If there are places where it seems like the frames are switching back and forth, there may a dramatic part in the video that is causing that change.