

Assignment #3

1. If you have not yet presented your “snapshot” from Steinhaus, be prepared to do so in class on February 2.
2. Finish a simple animation in POV-Ray. Try to have at least two different objects moving in two different ways (which might include the camera or the lights). It would be desirable, though not required, to have the animation illustrating some particular concept or idea. For example, you could illustrate the gradual truncation of polyhedra as discussed in Holden, or show a polyhedron being “assembled” polygon by polygon, or have a polyhedron gradually become transparent, displaying its dual inside. But it needn’t be an illustration of something from Holden or Steinhaus—check with me if you are uncertain of the suitability of your choice, and if you need help on bending POV-Ray to your will. I suggest trying to render it with the size 320x240. Within your POV-Ray source file, include your name, and also the initial and final clock values to use when rendering so that I can process it also. You may also email me the final movie file if you wish, but this is not required. In addition, supply two or three sentences describing the subject of your animation, suitable for public consumption when I post them to the website.
3. Begin reading “Flatland”.