

- 1) Define the Camera
  - a. Perspective or parallel projection (perspective below)
    - i. Define (Left, Right, Bottom, Top, Near Far) (Aperture, View Volume)
    - ii. Set the projection plan by setting the Screen, Window, ViewPort
    - iii. POC is point of convergence (lens eye) set by placing camera
    - iv. Only objects that are inside the view volume can be seen.
- 2) Set the Window and the Viewport
- 3) Set the Model
  - a. Define objects
    - i. Define Objects properties (interaction with lights)
  - b. Manipulate Objects (Initiate, translate, rotate, scale)
  - c. Define lights location, type, and property
- 4) Infinite loop waiting for events

Specific interest in visualization

We will use mainly parallel projects along with a “plot” utility

Can use GL curve and surface drawing functions

