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- Stereographics is especially good for de-cluttering wireframe displays.
- Use perspective, not orthographic, projections to avoid the optical illusion.
- Use an eye separation, E, of approximately:  $E = Z0p^* tan(1^\circ 4^\circ)$

 Use the far clipping plane well. The stereo effects are enhanced when the scene is not complicated by a lot of tiny detail that is far away. The interactive response is improved too.

Because you are drawing the scene twice, using display lists is especially important.

• It is fun to set Z0p = Zfar so that the image appears to be hanging out in the air in front of the monitor. However, in real life we rarely see anything hanging out in the air that has its sides clipped for no apparent reason, as the scene is likely to have. Perceptually, it is often better to set Z0p = Znear so that the entire scene looks like it is inside the monitor and that you are viewing it through a rectangular hole cut through the glass. This situation is common in everyday life, so we are used to seeing things that way.

· Intensity depth cueing (gIFog) nicely enhances the stereo illusion.

If you are using texture mapping, be sure to use GL\_LINEAR, not GL\_NEAREST, for the
Supersonal Compare Craptics



