

MSRI Summer School on Mathematical Graphics

PostScript Exercises IV.

Set units to be inches, figures roughly in the center of a page.

1. Draw a regular tetrahedron whose edges all have length 1, centred at the origin. Make up a page-turning animation in which it rotates around an axis of rotational symmetry. Shade it, etc.
2. Draw two regular tetrahedra, centres 5 units apart. Make up a page-turning animation in which the pair rotate around their centre of gravity, in which the axis of rotation is such that one of them occasionally eclipses the other. (The problem here is to decide which to draw first.)