Simulate a liquid crystal elastomer as a system of polymers that are crosslinked together. Have twelve polymers that have ten beads in the *x*,*y* plane. Do not allow the angle between three successive beads in the polymer to be less than 3.0 radians. Have each of the polymers connected to four other polymers through ten beads that have no constraint on bending and exist in the +z dimension. See the diagram below. Due Monday the 23rd.

