

By Ellis Kalkoske

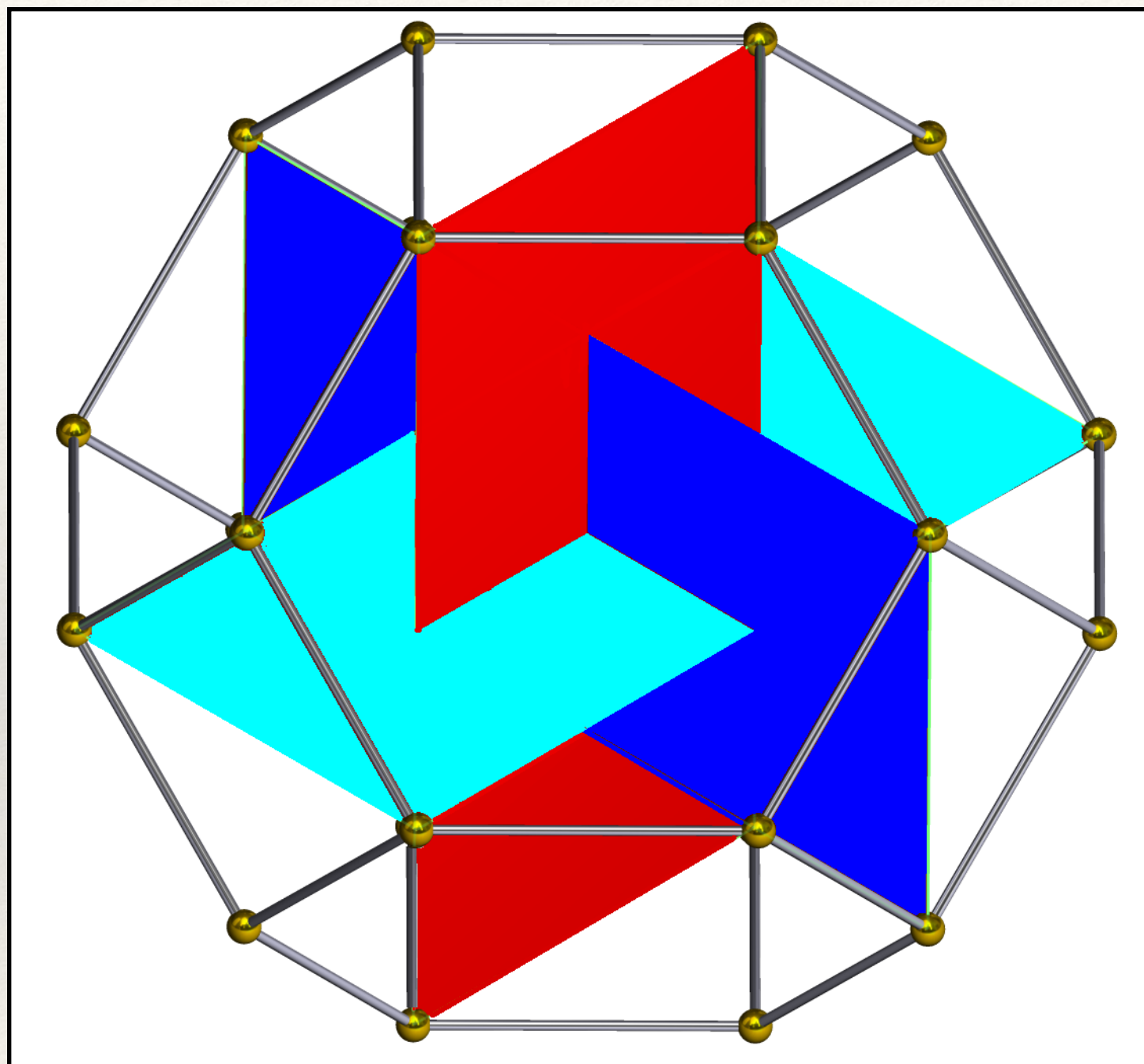
icosa·cathedral:
insect hotel

Modern Solutions to
Depleting Habitats

DESIGN

- ❖ Inspiration for the work came from the relationship between insect life and geometry; the wings of insects or their natural homes, such as beehives.
- ❖ My starting point was a Icosahedron; a platonic solid. This shapes points can be completed with three intersecting golden rectangles





A convex Icosahedron showing the internal rectangles forming the points.

The work was created in Sketchup, a 3D object rendering program. This allowed understanding of the object in a 3D space and manipulation without tedious woodworking before I had settled on a final design.

