1. Cubulate $\langle a, b, c \mid a^2b^2c^2abc \rangle$.
2. Find an inifinite cube complex with two embedded hyperplanes.
3. Find an infinite cube complex with one hyperplane.
4. Find the link of vertex in a product of two
   (a) trees
   (b) CAT(0) cube complexes.

($\star$) Show that a CAT(0) cube complex is a product of two trees if and only if the link of each vertex is a complete bipartite graph.

5. Show that the Salvetti complex is nonpositively curved.
6. Are the hyperplanes in the Salvetti complex the Salvetti complexes? If so, what is the corresponding graph?

($\star\star$) A finitely generated torsion-group cannot act on a finite dimensional CAT(0) cube complex without a global fixed point.