

# Tetrakaidecahedra

These two identical 14-sided polyhedra (a.k.a. regular truncated octahedra or plane-faced isotropic tetrakaidecahedra) are approximations of Lord Kelvin's minimal space-dividing cell\*, which actually has a slight curvature (something rather difficult to model in paper, so this will have to suffice.) While not providing the minimal cellular interface area of a true Kelvin Cell, they will still fill space very efficiently, or just look nice sitting on your desk.

\*See Kelvin's "On the Division of Space with Minimum Partitional Area," *Philosophical Magazine*, Vol. 24, No. 151, 1887, p. 503

