

Face-Centered Cubic Inverse Opal (touching spheres)

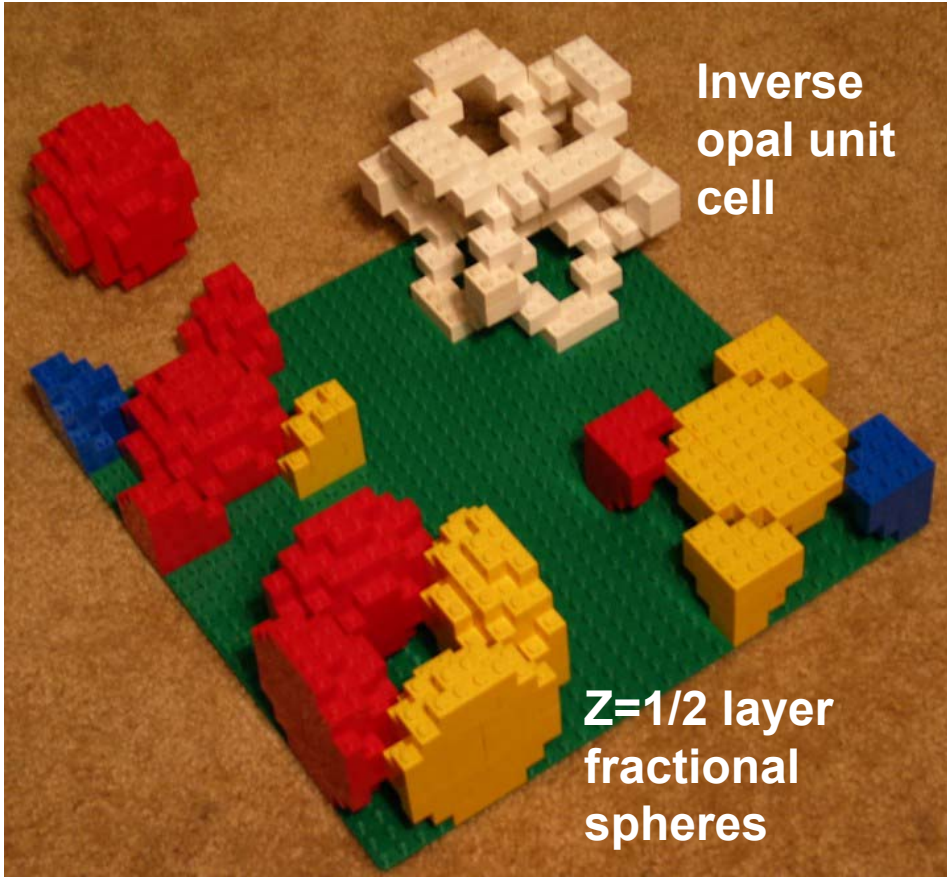
Full
sphere

Inverse
opal unit
cell

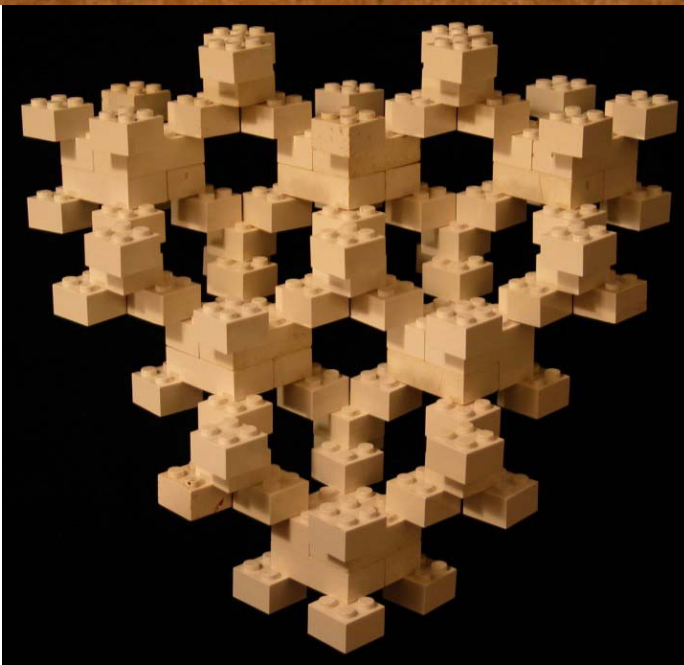
Z=0 layer
fractional
spheres

Z=1 layer
fractional
spheres

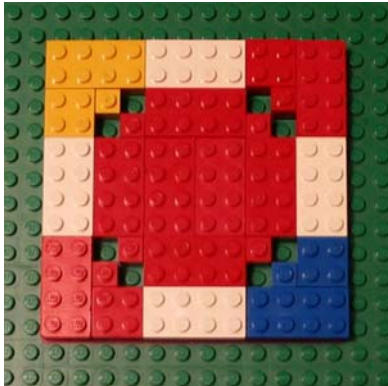
Z=1/2 layer
fractional
spheres



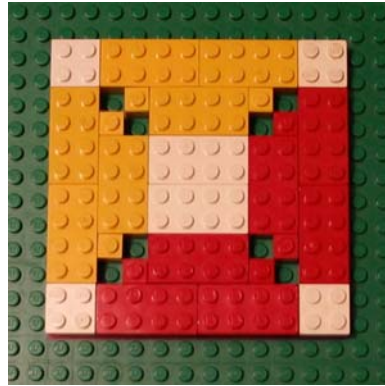
(111)
interlayer
structure



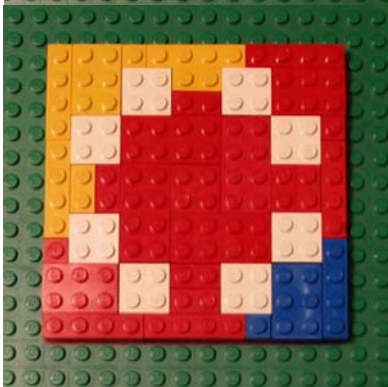
Layer 1



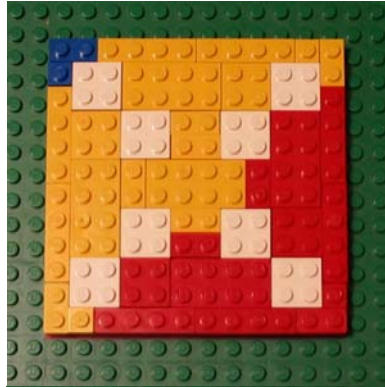
Layer 6



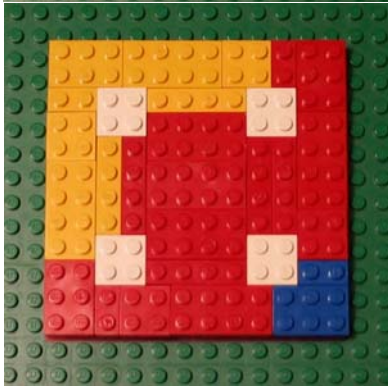
Layer 2



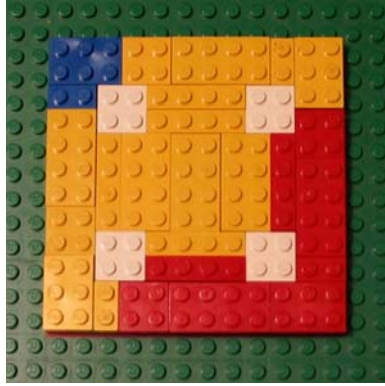
Layer 7



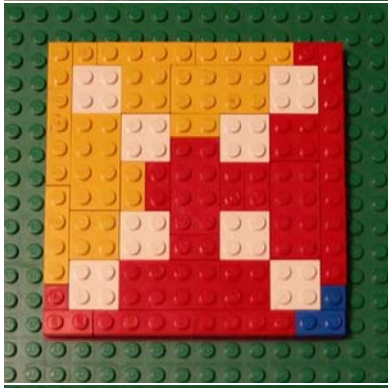
Layer 3



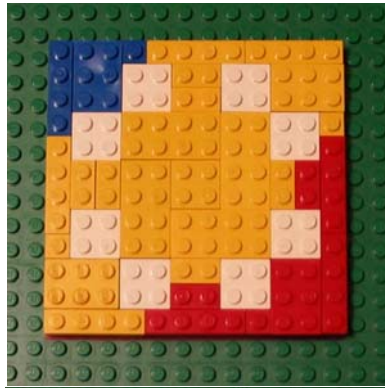
Layer 8



Layer 4



Layer 9



Layer 5



Layer 10

