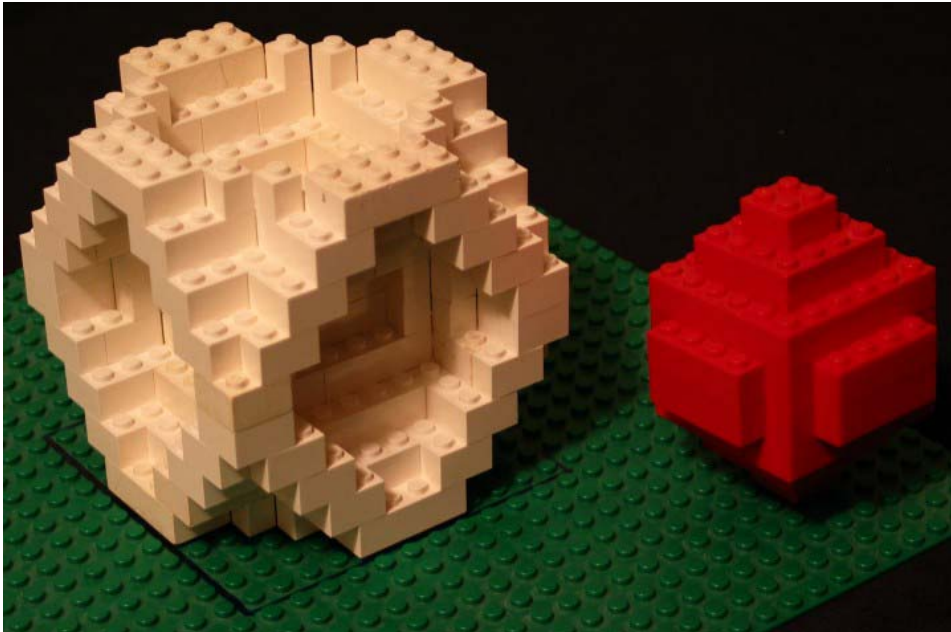


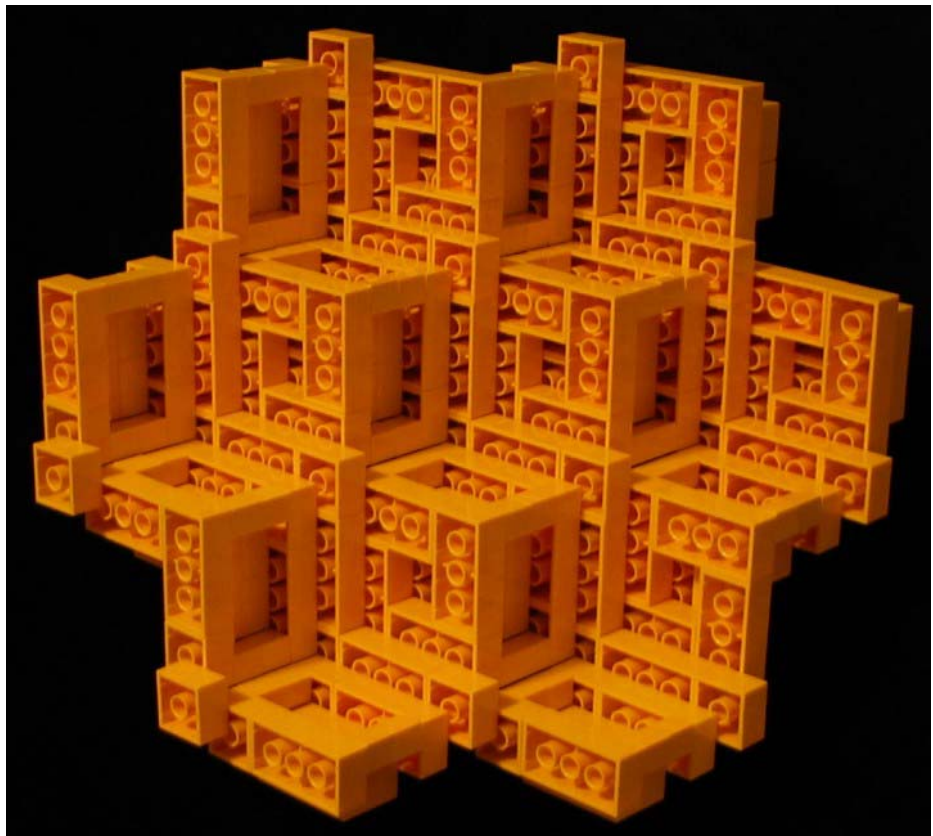
Face-Centered Cubic Inverse Opal (separated spheres)

Inverse
opal unit
cell

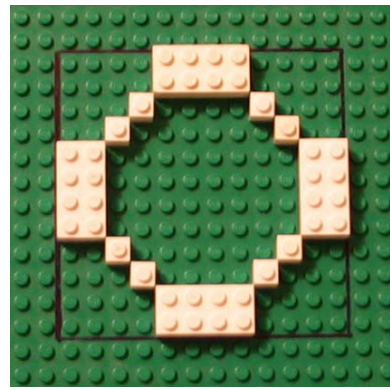


Full
sphere

(111)
interlayer
structure

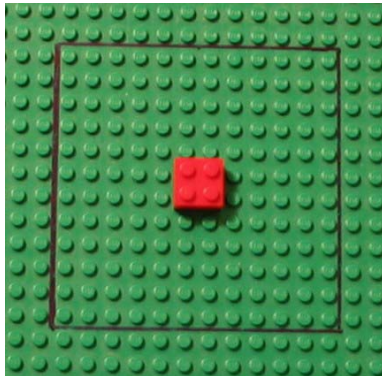


Opal layers

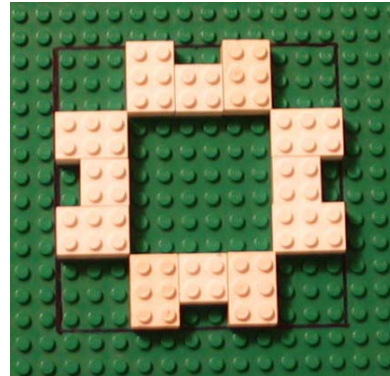


Layers 1, 10

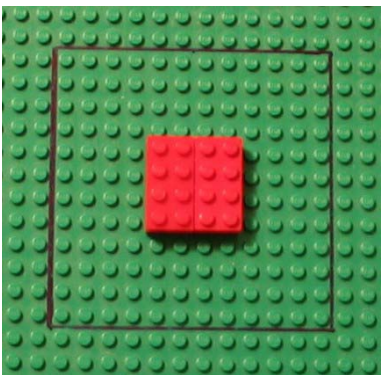
Sphere layers



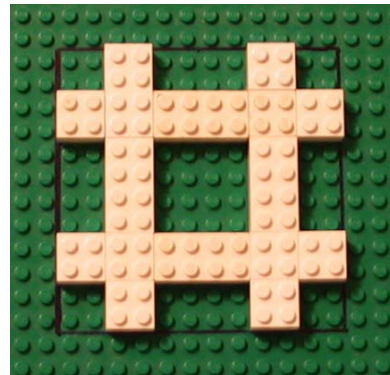
Layers 1, 8



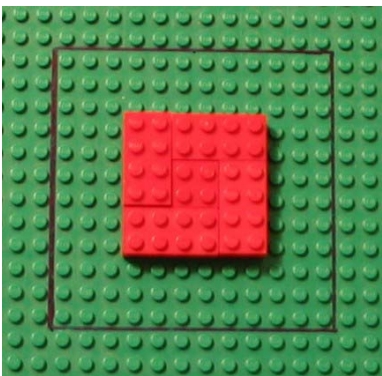
Layer 2, 9



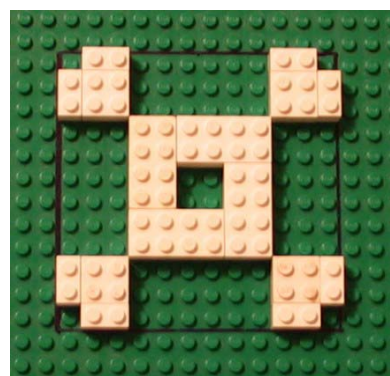
Layers 2, 7



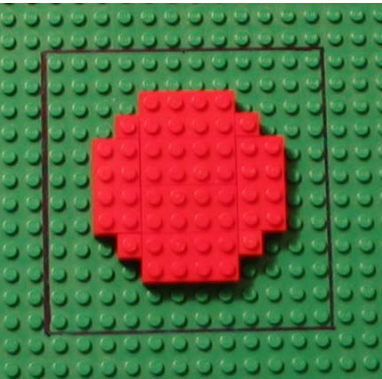
Layer 3, 8



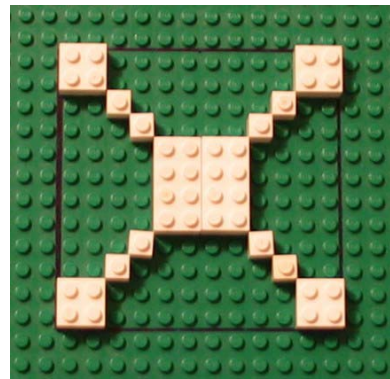
Layers 3, 6



Layer 4, 7



Layers 4, 5



Layer 5, 6