

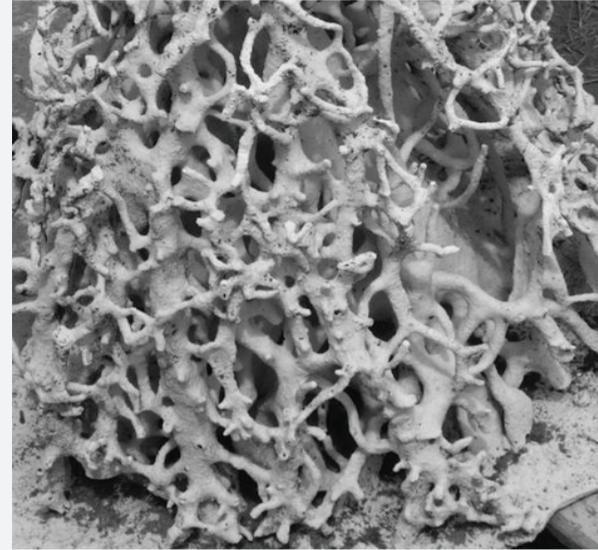
# VERTICAL CITY

As the technology evolved, building is growing larger.  
In the future, how new technologies will change the architecture?

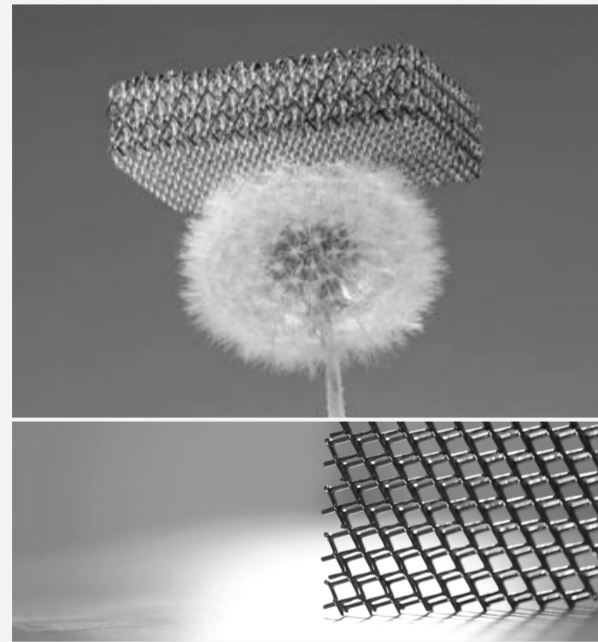


Idea

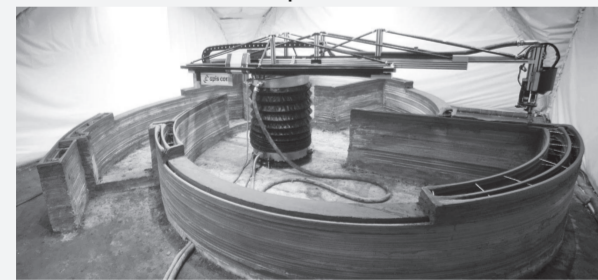
Stigmergy



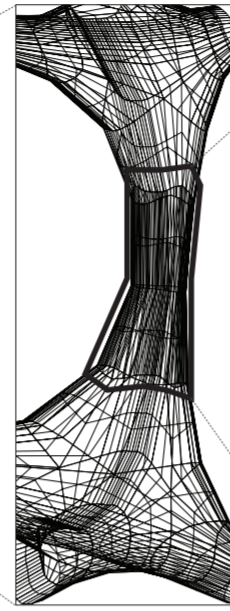
Microlattice



3D printer



One part of a branch from whole structure



Inside of branch

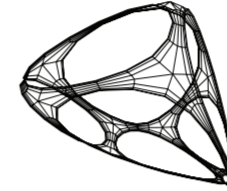
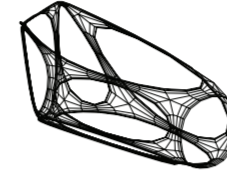
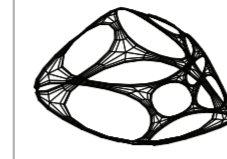
Residential area



Inner structure



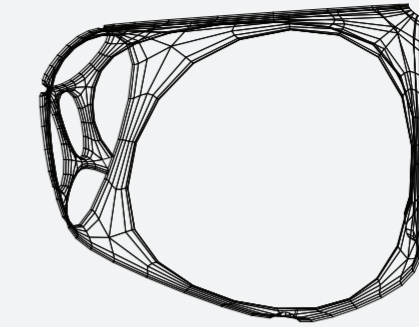
Residential unit



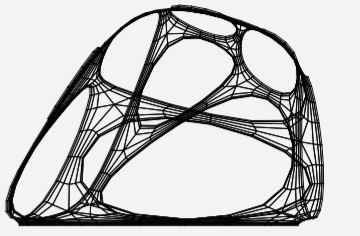
⋮

Plans

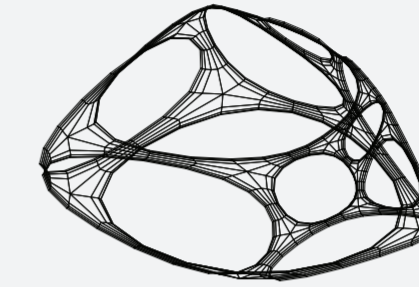
Plan



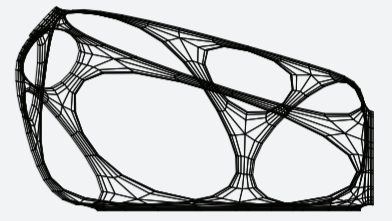
Elevation 1



Perspective



Elevation 2

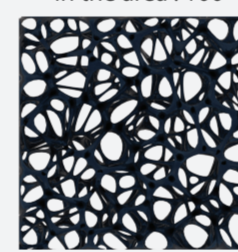


Dense, Thin

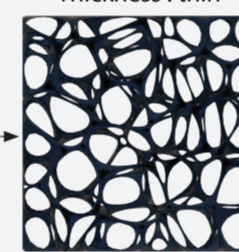
Apply suitable functions decide by the scale of the structure

Sparse, Thick

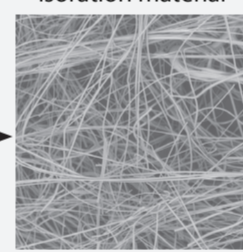
Numer of space in the area : 100



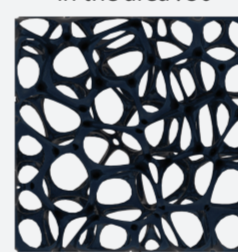
Thickness : thin



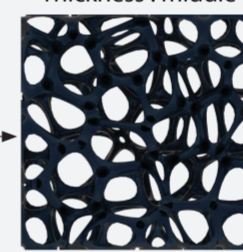
Isolation material



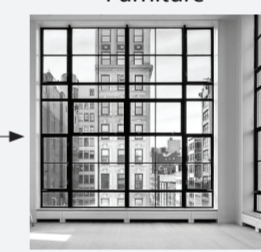
Numer of space in the area : 50



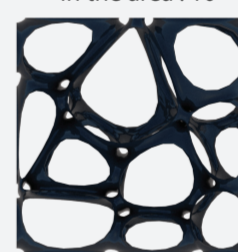
Thickness : middle



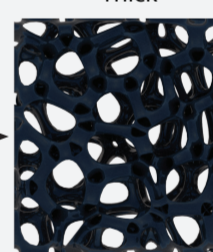
Furniture



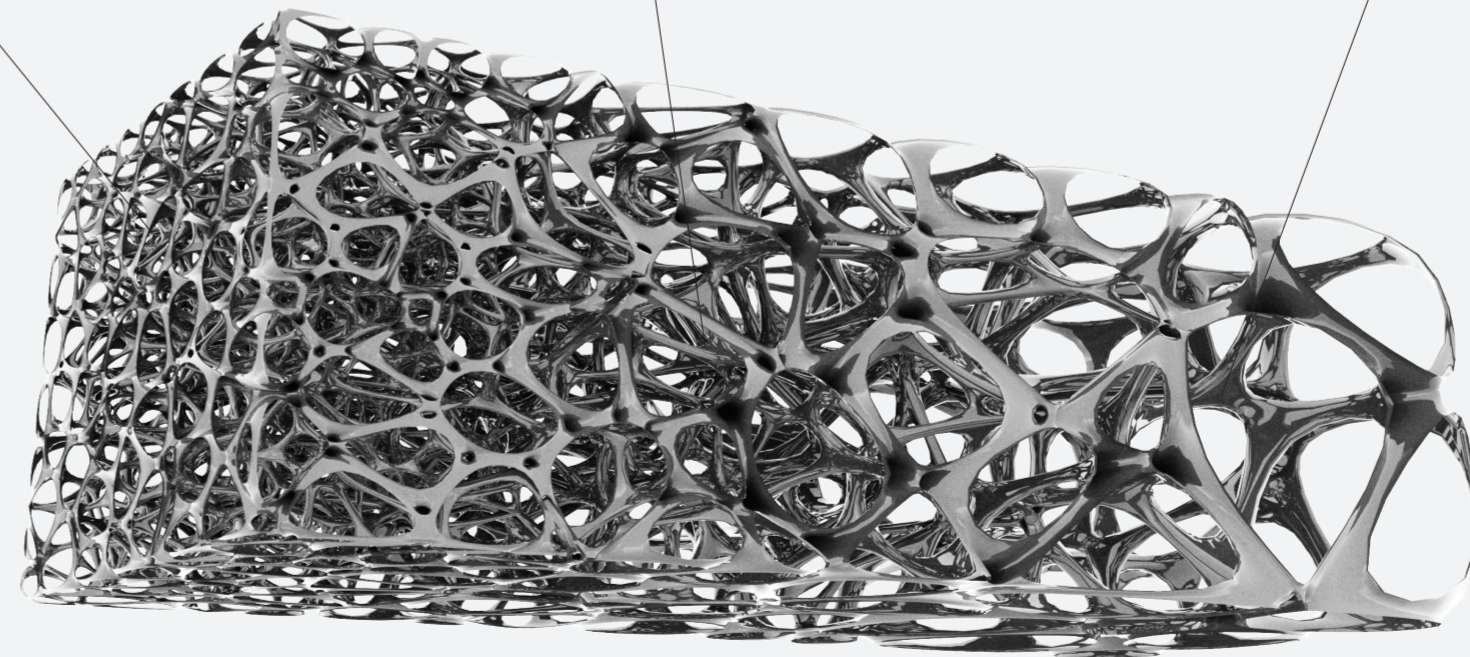
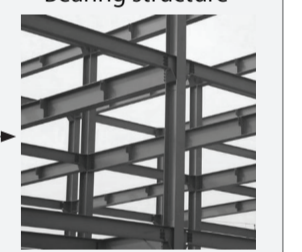
Numer of space in the area : 10



Thick



Bearing structure



Metallic microlattice

