

BK7083: Computational design studio - a Piece of Cake

it might not always be easy, but in the end it looks like a piece of cake

process flowchart

south-west view

relations

configuration

find neighbouring voxels

neighbours that dont have a function yet

CONFIGURING

constructing the solar dome

shooting solar rays

candidates that fulfill the noise value requirement of the function

select the voxel from the accepted candidates that is closest to a neighbouring function / sunlit area

MASSING

solar envelope

solar envelope result

growing process - scan me!

FORMING

solar analysis

shadow analysis

pathfinding process