

***interactive-slice part 2***

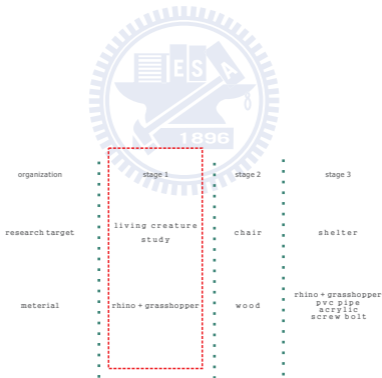






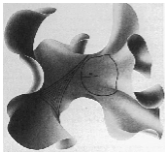
ROLL  
**ORGANIC  
PRACTICE  
OBJECTS**

## development process / 程序發展



living creature  
study





*Hyperbolic Space*

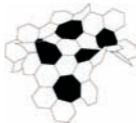


*Poincaré Disc Model*

Euclid's fifth axiom says that there is only one line I can draw through P that will never meet the original line.



Instead of there being just one parallel to our original line, now there are many. Indeed there are infinitely many! Bizarre though it may seem, this situation gives rise to a consistent geometry, what came to be called, in homage to its abundant excess, hyperbolic space.





Daina Taimina

3

2

1



Here is the rate of increase is one stitch in every ...



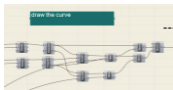
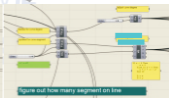
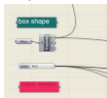
create box



divided faces on the box



curve follow the vector

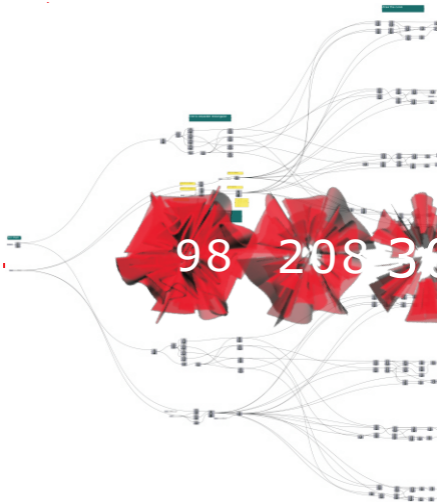


curve follow the vector

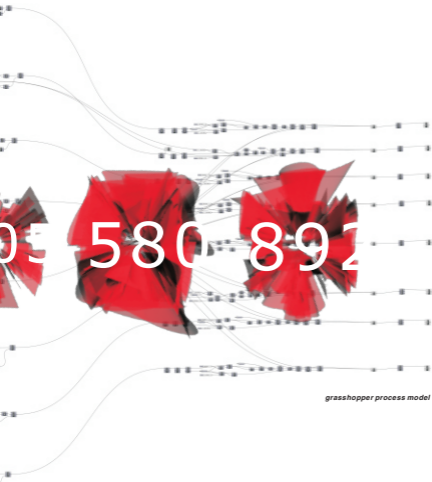


sub-curve









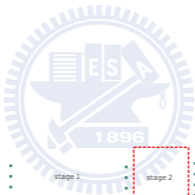
*grasshopper process model*

An aerial photograph of a dense urban skyline, likely New York City, featuring numerous skyscrapers and buildings. The sky is overcast and grey. A large, stylized red bow graphic is positioned in the lower right quadrant of the image. The text "off grid" is overlaid in the center in a white, sans-serif font.

off grid

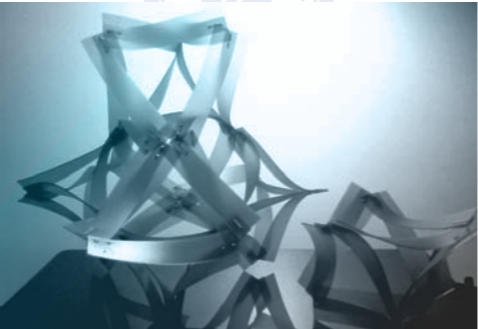
An aerial, high-angle photograph of a dense urban skyline, likely New York City. The image is filled with numerous skyscrapers of varying heights and architectural styles, including modern glass-fronted buildings and older, more ornate structures. The buildings are packed closely together, creating a complex, textured landscape. The sky is overcast and grey, providing a somber backdrop for the city. In the foreground, a prominent yellow and white striped skyscraper stands out. The overall tone is one of intense urban density and architectural diversity.

/ 改革



organization	stage 1	stage 2	stage 3
research target	living creature study	chair	shelter
material	rhino + grasshopper	wood	rhino + grasshopper pvc pipe acrylic screw bolt

chair  
chair round



site flow / 流動





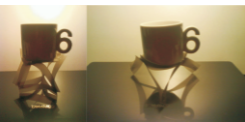
simple units



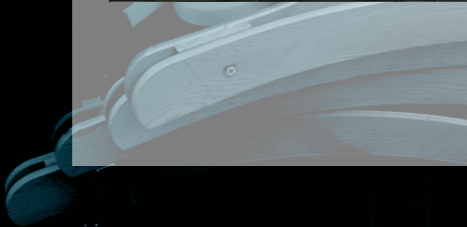
multi-direction



variable component



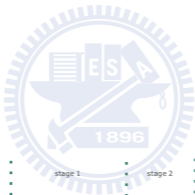
quick build up / 快組







*final model install process*



organization	stage 1	stage 2	stage 3
research target	living creature study	chair	shelter
material	rhino + grasshopper	wood	rhino + grasshopper pvc pipe acrylic screw bolt

shelter

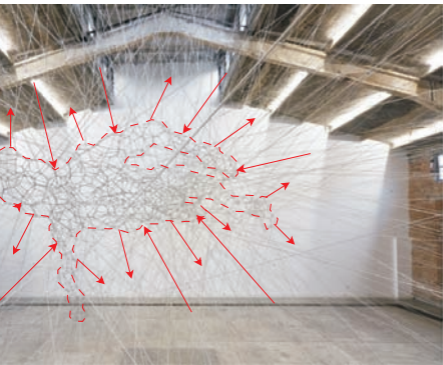


boundary / 邊界



Antony Gormley






by decreasing the feeling of outline of  
the body, there seems no boundary  
between the shape and the space  
as if we are part of the space,  
space is part of us



hide in ci

*a series of movement of hiding into a  
small space define a series of bounday*



ty scape

we extend the human body boundary and use it to define the space which also define y the transparent tube  
people inside are in the space within a space that create a sense of coated room that you can hide yourself in



X1



X2

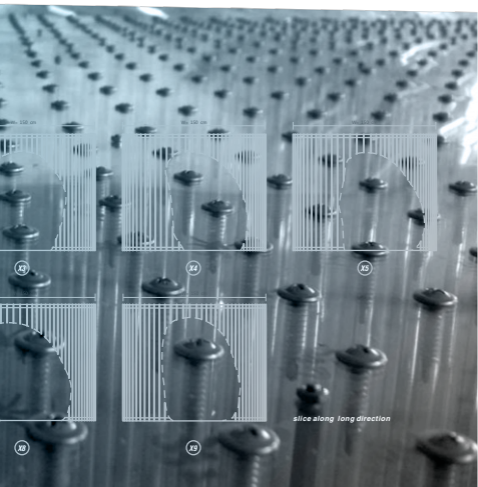


X6



X7





150 cm

150 cm

150 cm



X3

X4

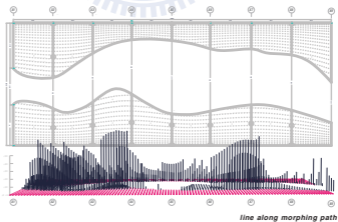
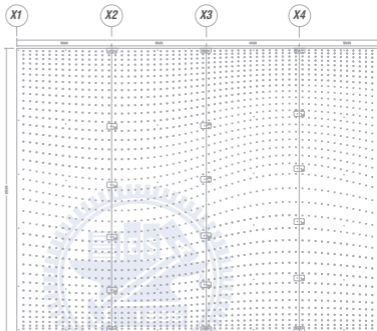
X5

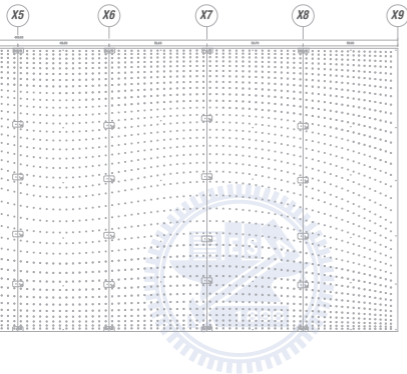


X8

X9

*slice along long direction*





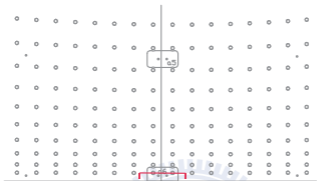
**check length list**



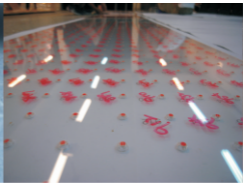
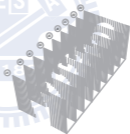
**set position and cut**

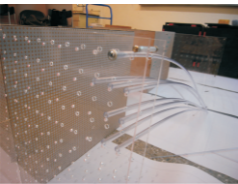
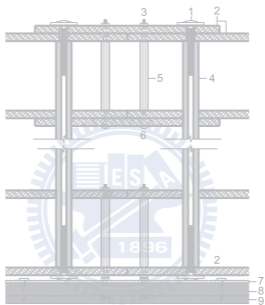


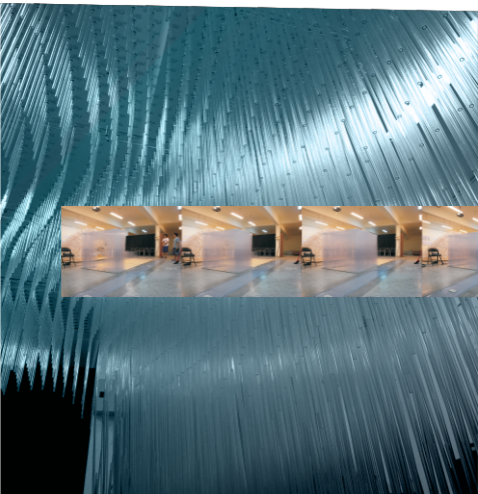
**assemble into 999 hole**



- 1 20mm M3 screw
- 2 3mm laser-cut hole acrylic board
- 3 1mm M1 screw nut
- 4 R=6mm PVC pipe
- 5 30mm M3 bolts
- 6 10mm M1 screw
- 7 1mm perforated iron plate
- 8 5mm wood plate
- 9 3mm wood plate



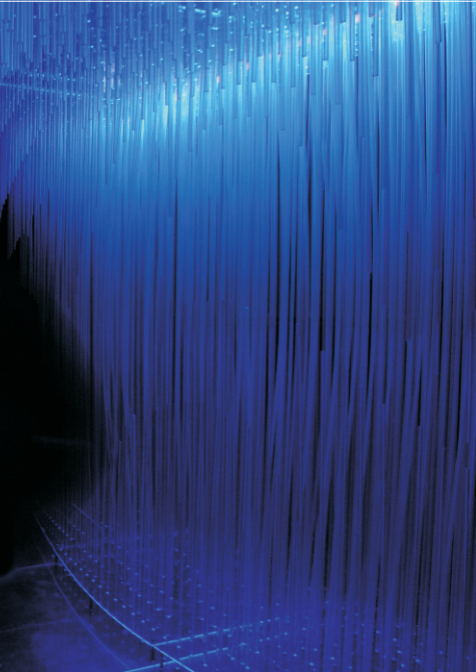


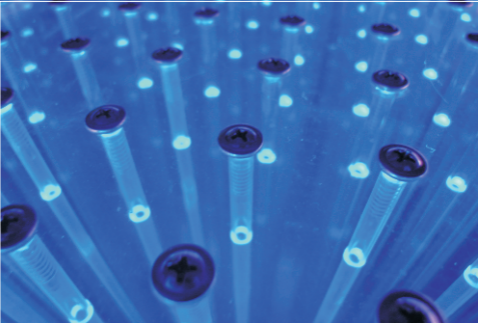


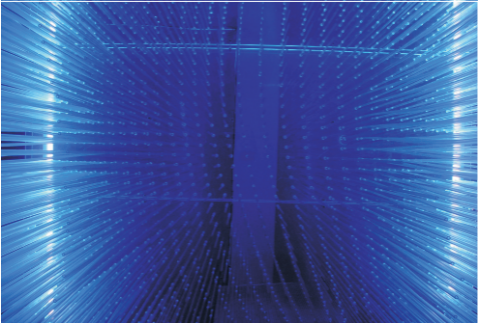












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1896

