

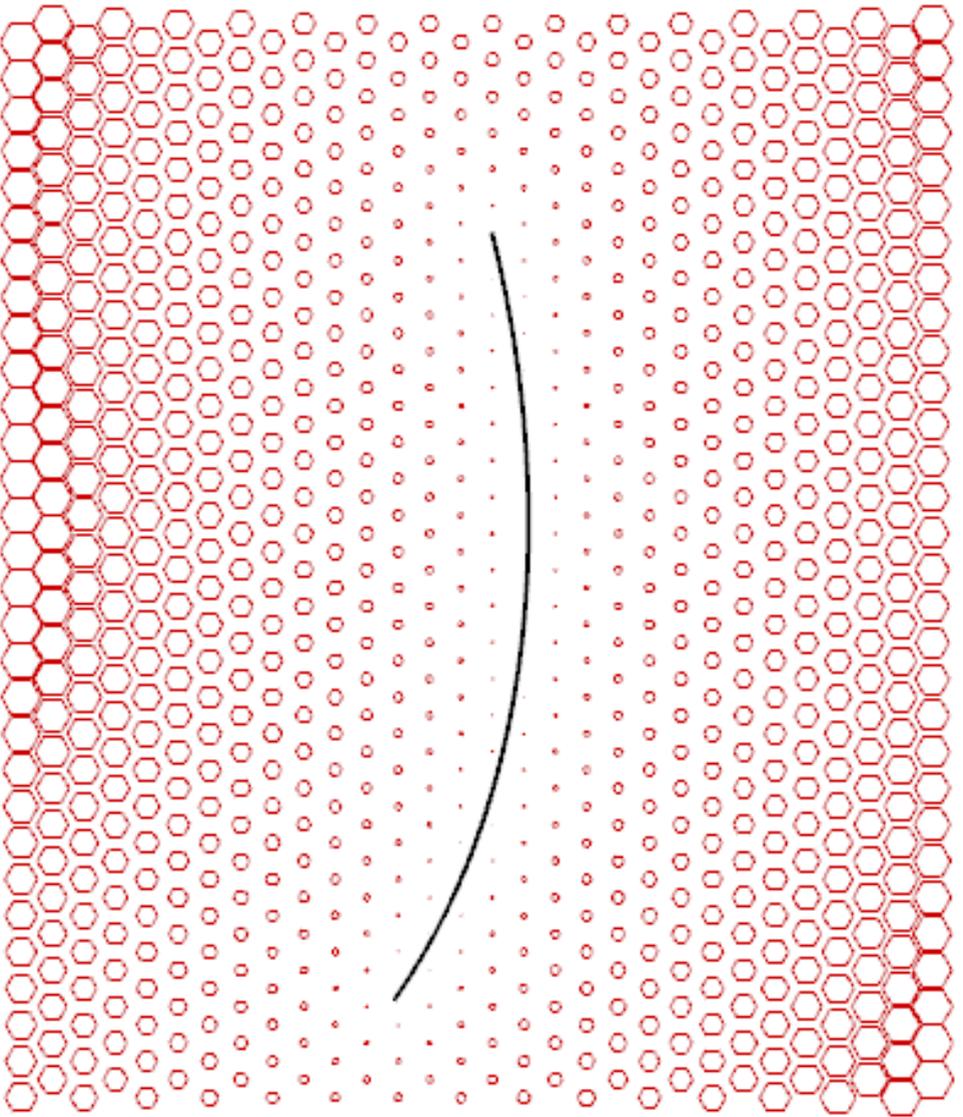
# BOÎTE A OUTILS GRASSHOPPER POUR LA FABRICATION ADDITIVE

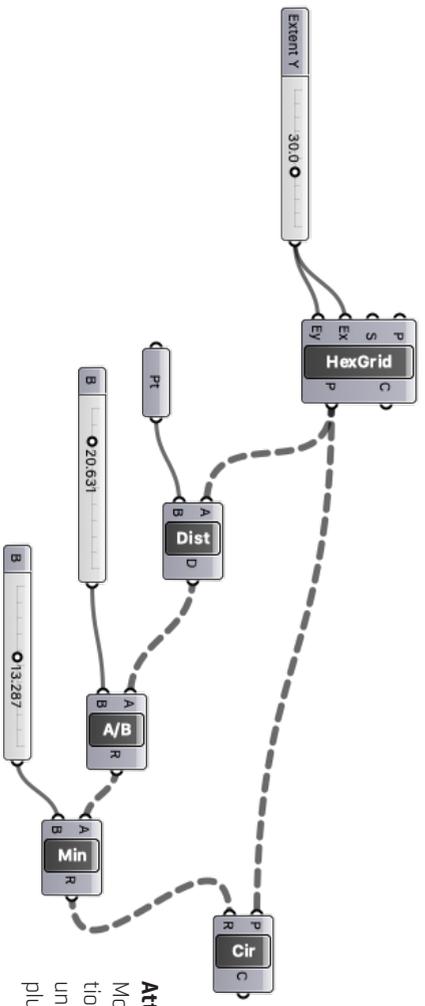
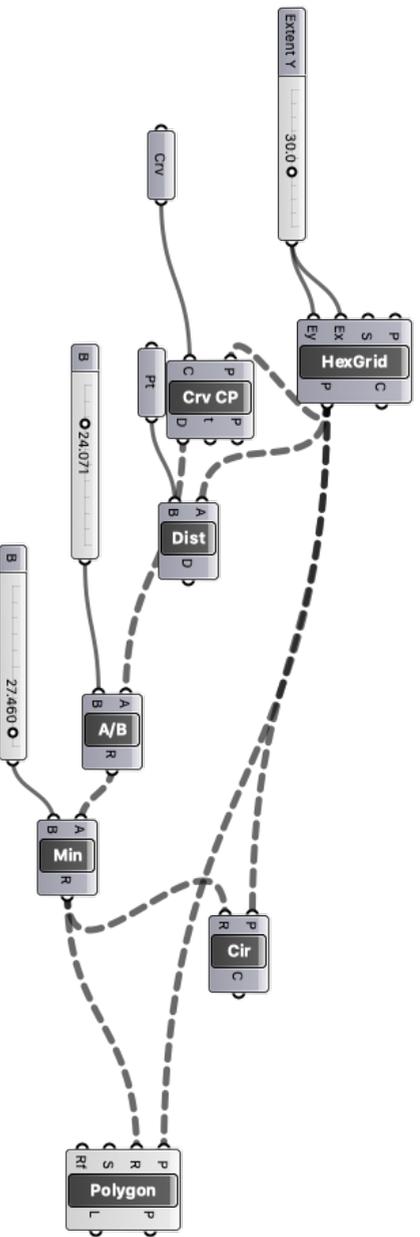




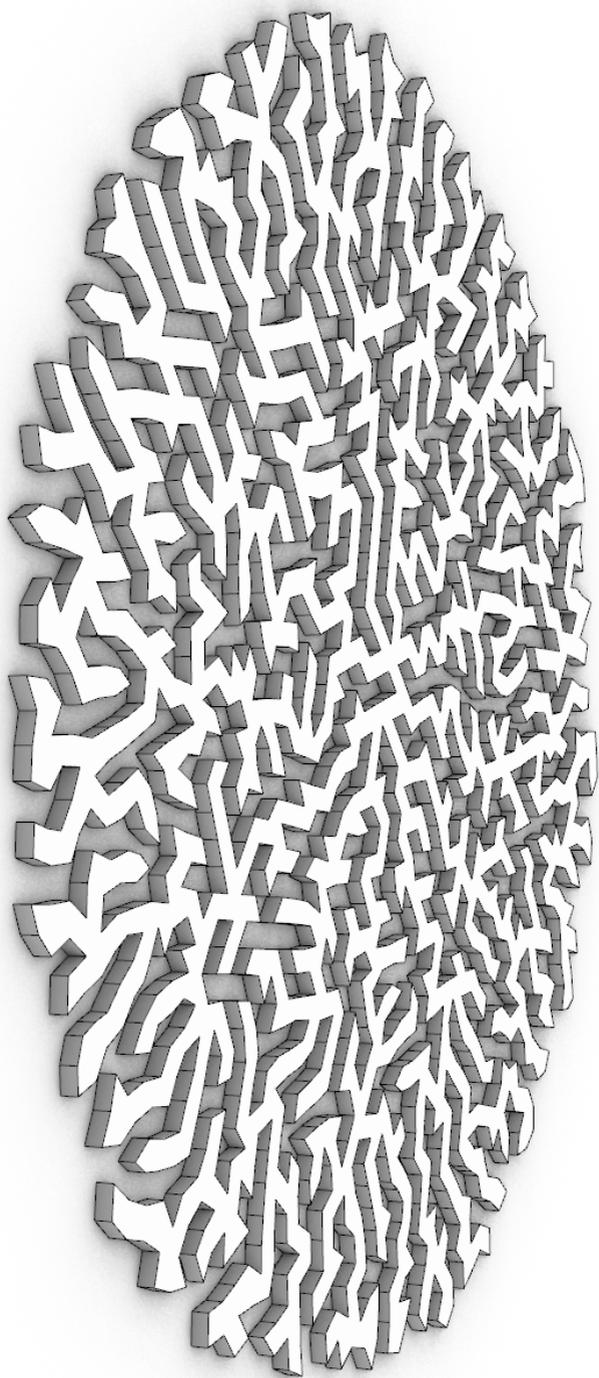
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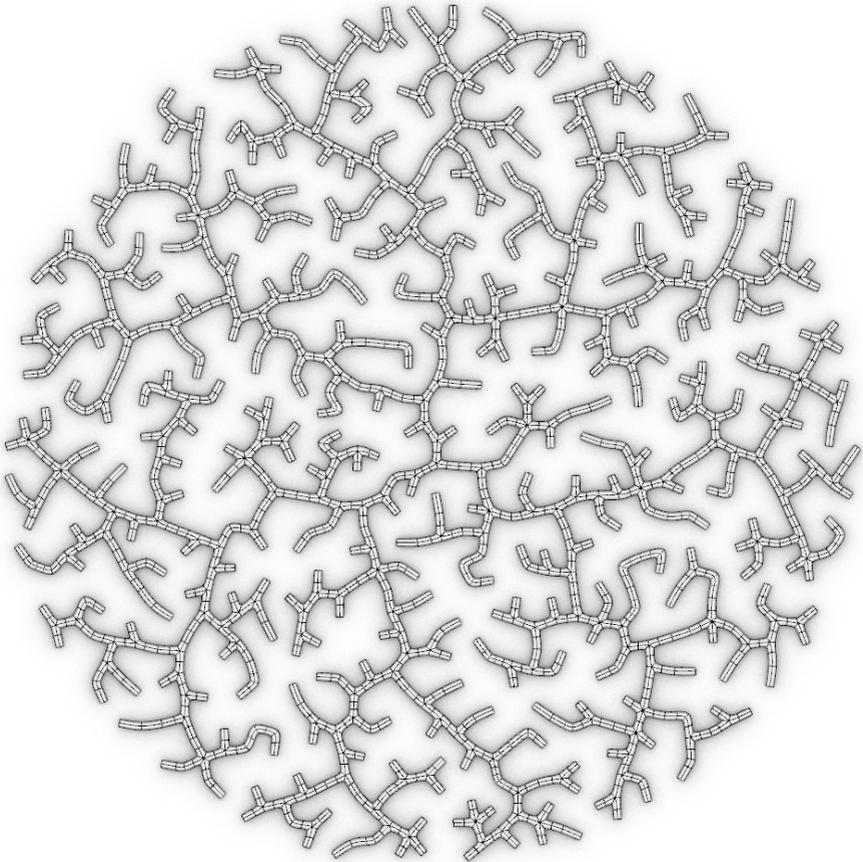


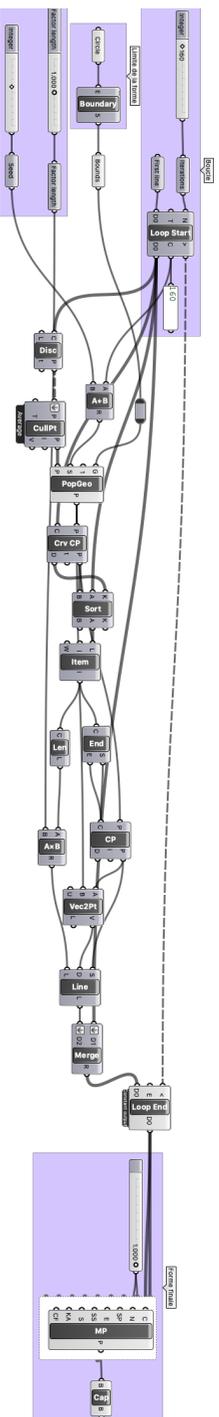


**Attracteur**  
 Modifie la taille d'un motif en fonction de la distance par rapport à un point ou à une courbe (point le plus proche sur la courbe).

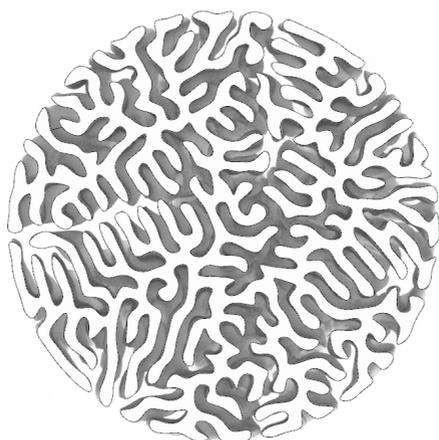




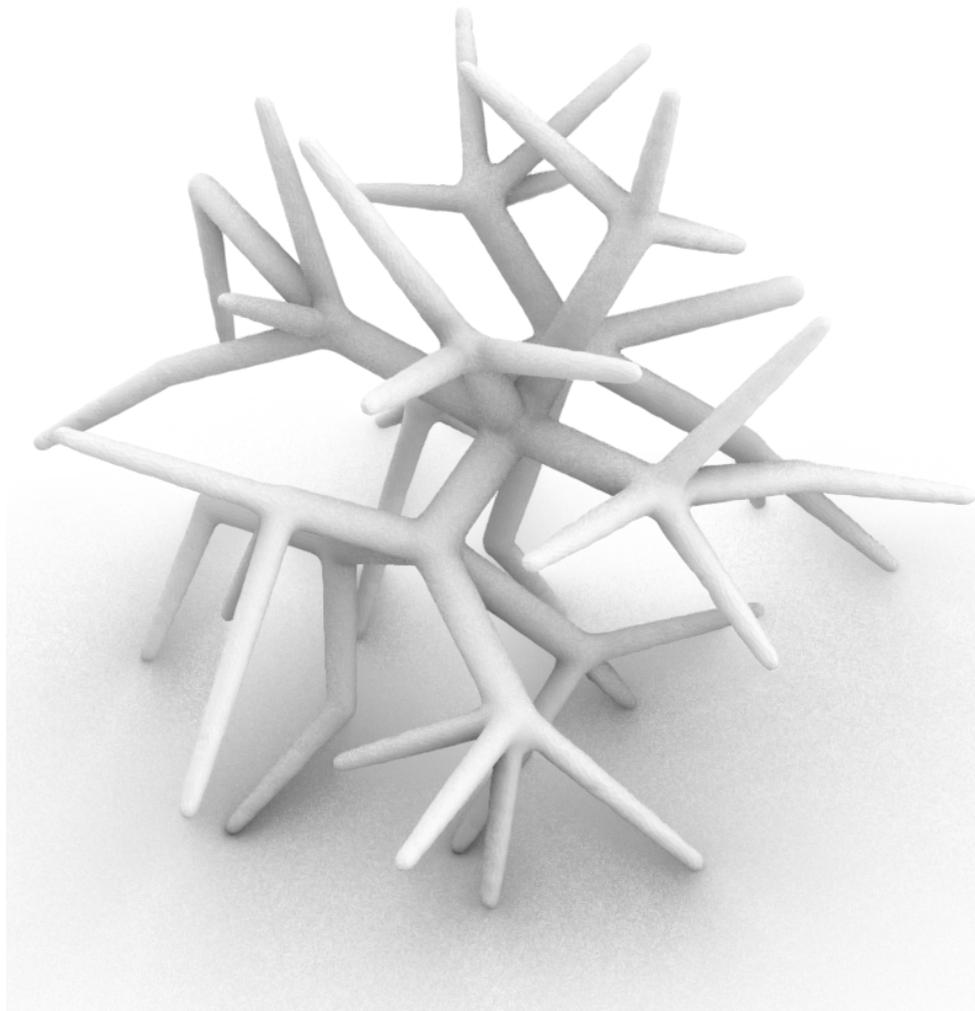


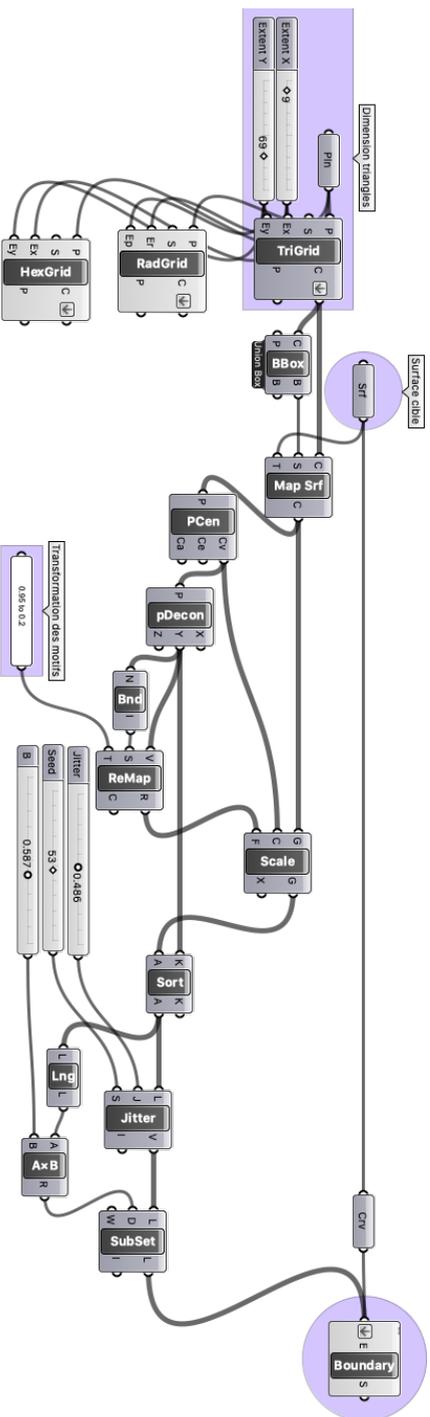


DLA 2D  
 [Diffusion-limited Aggregation]  
 Morphologie du corail.  
 Plugins nécessaire : Anemone

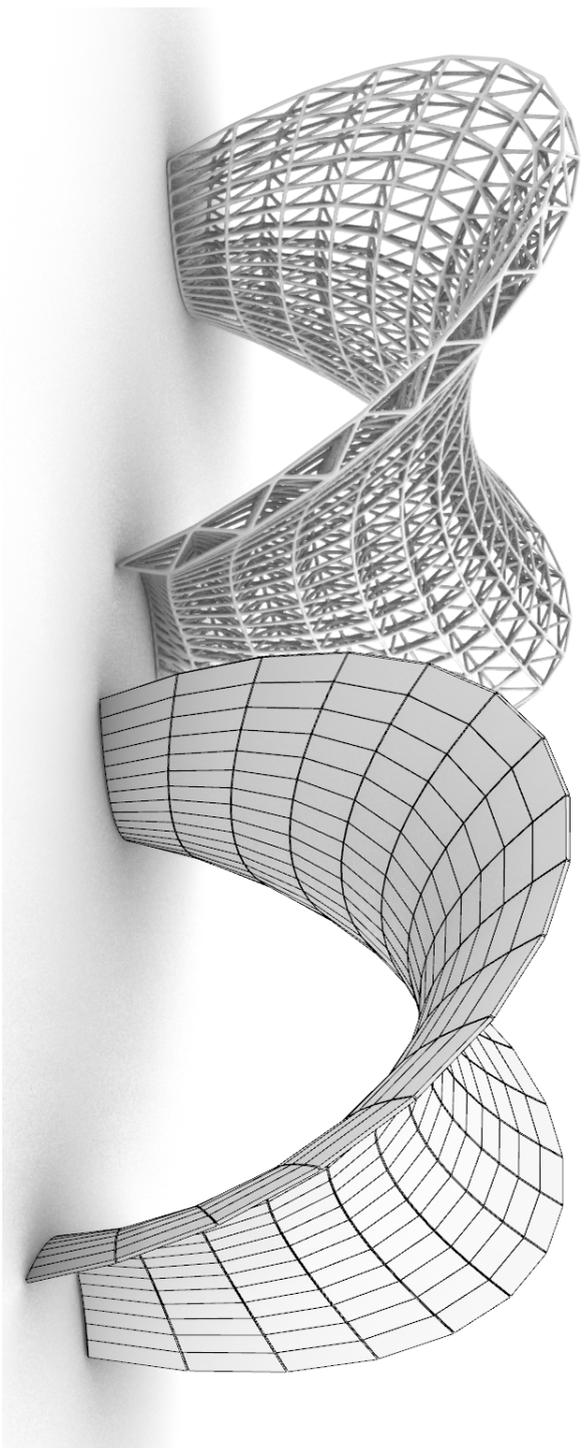


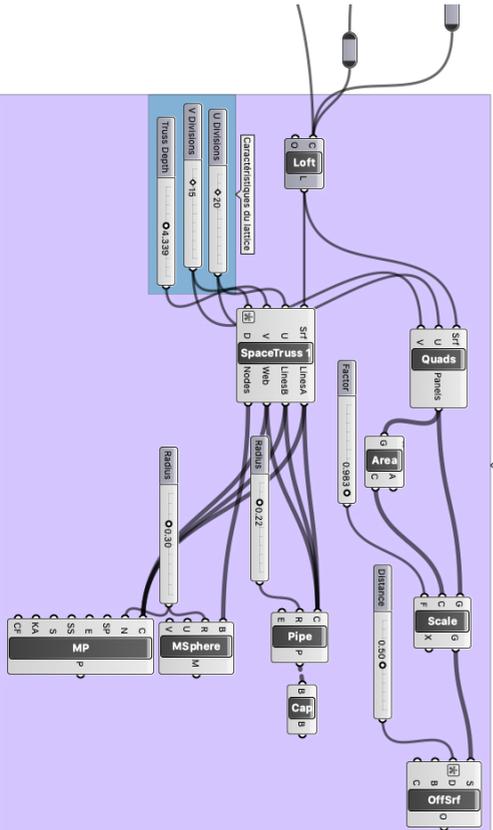
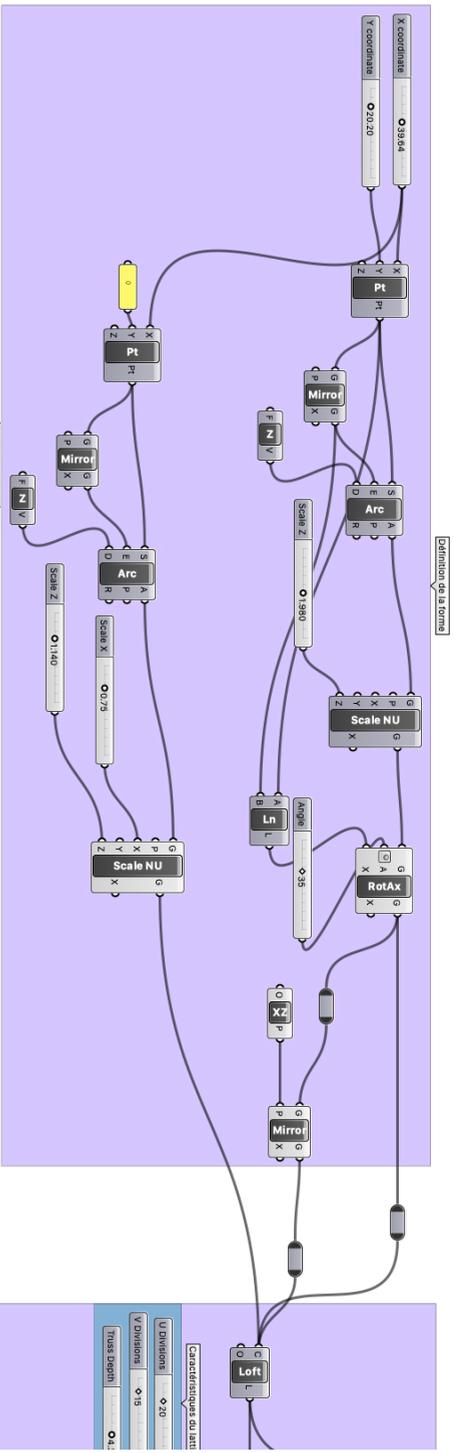






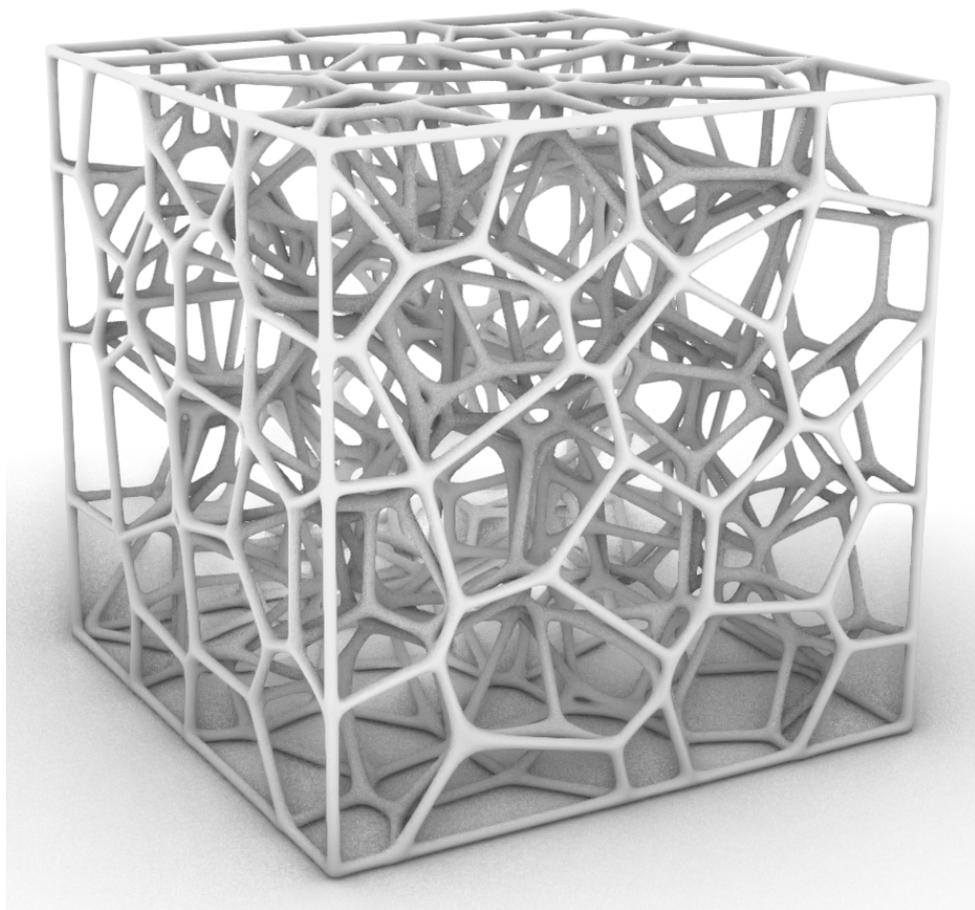
**Croissance tridimensionnelle**  
 DLA 3D. Création d'une grille de motifs  
 et déformation





### Lattice

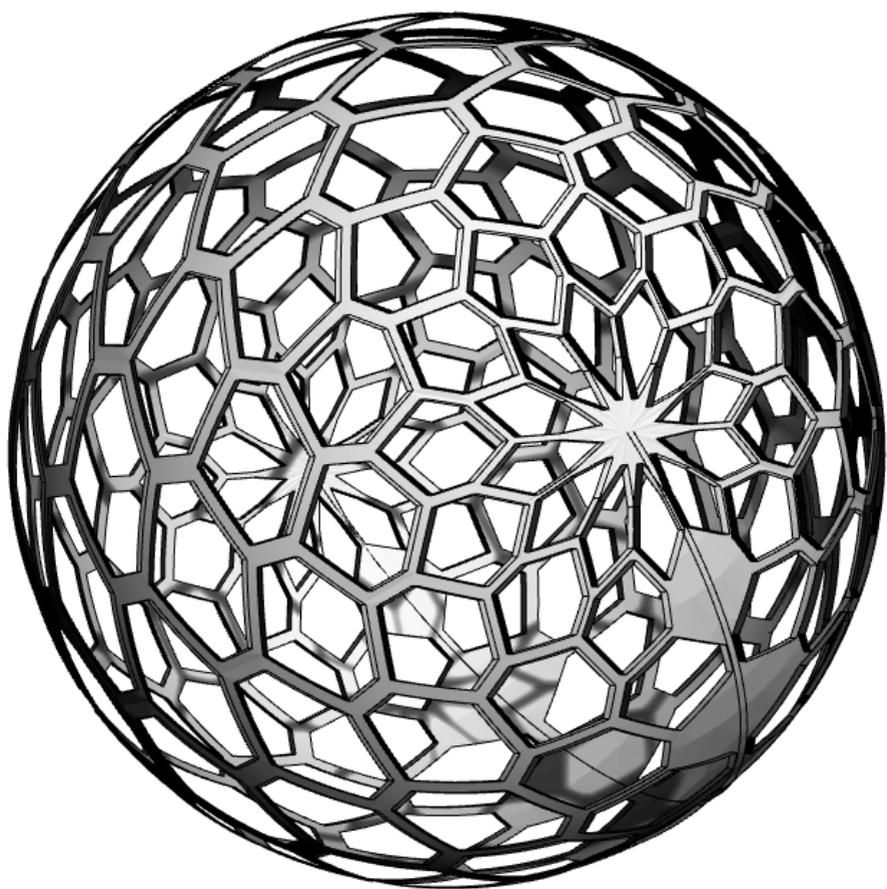
Création d'un lattice et d'une surface maillée à partir de surfaces non planes  
 Plugins nécessaire : Mesh+

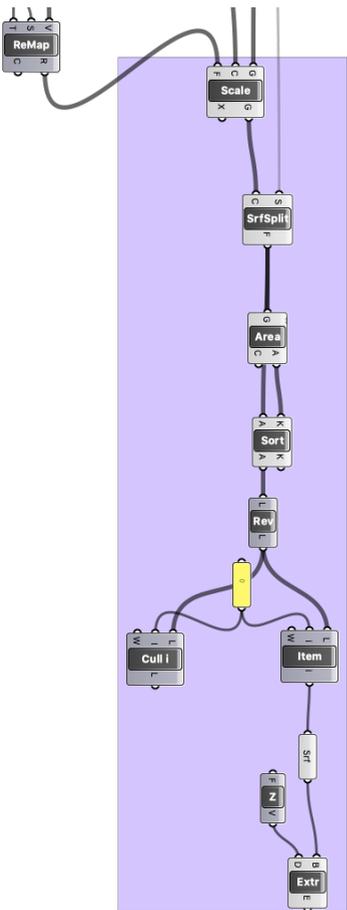
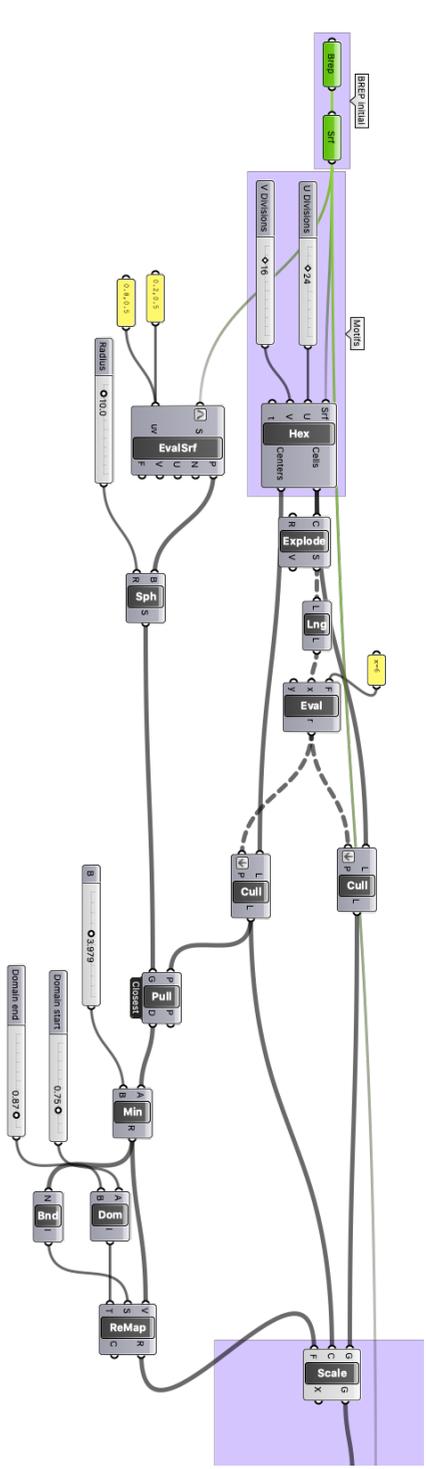




## Voronoi

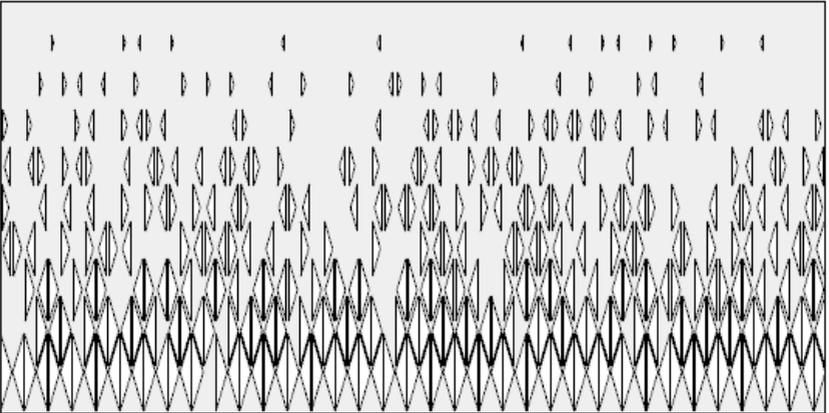
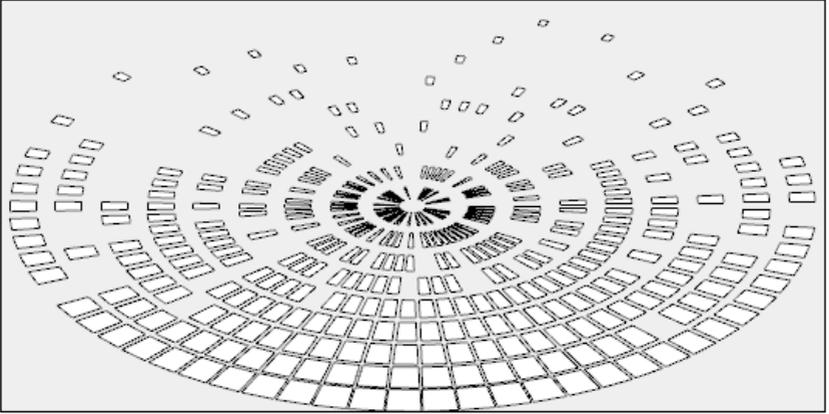
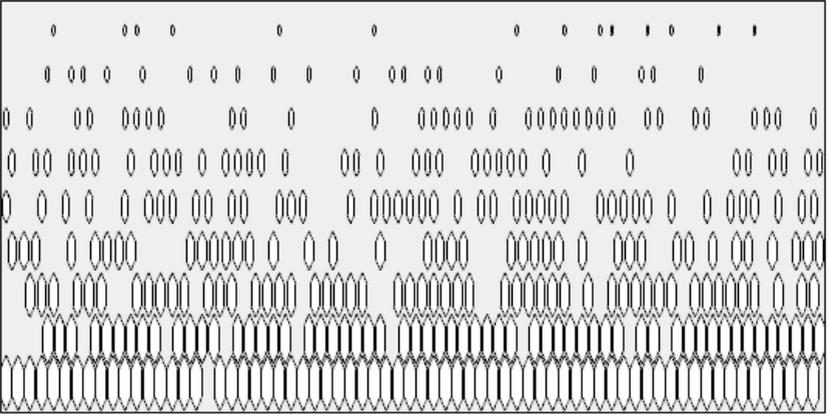
Création d'une structure en cellules Voronoi à l'intérieur d'un volume

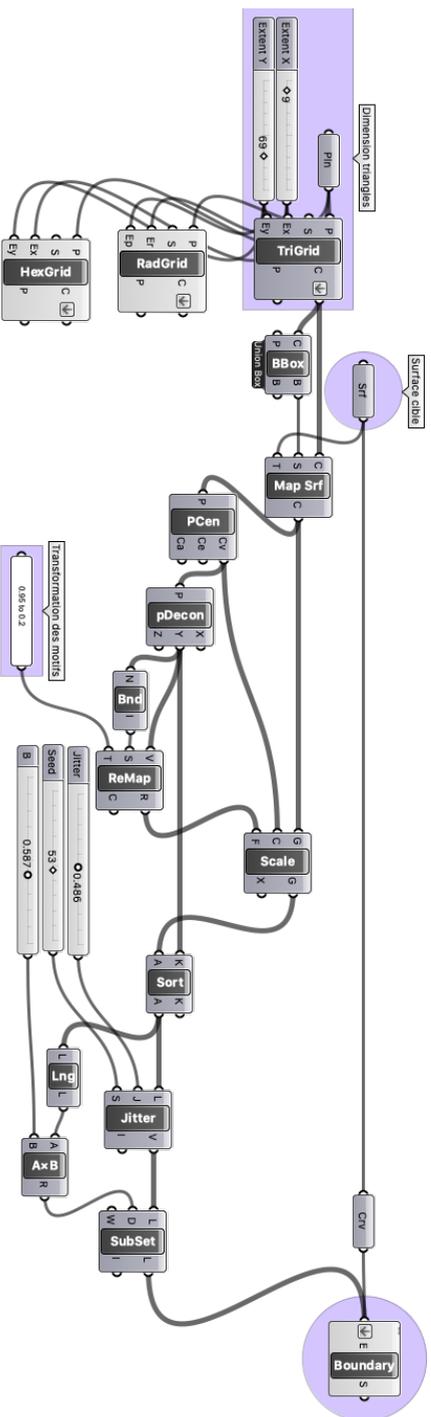




**Motifs sur BREP**

Découpage d'un BREP suivant un motif  
 Plugins nécessaire : Lunchbox





### Motifs sur surface plane

Création d'une grille de motifs et déformation





# Workshop fab add créative

juin/juillet 2002

