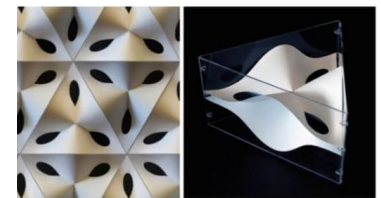
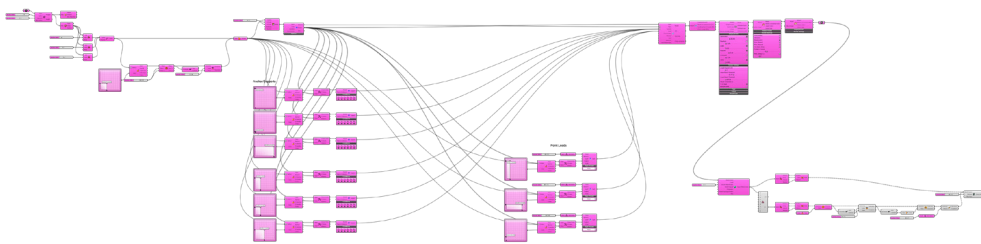
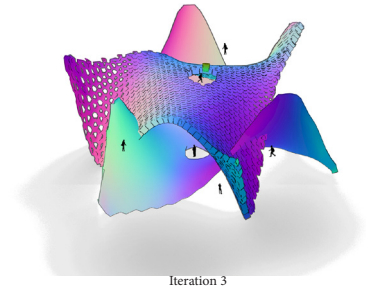
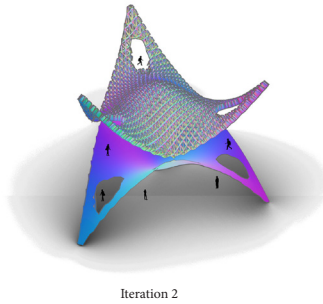
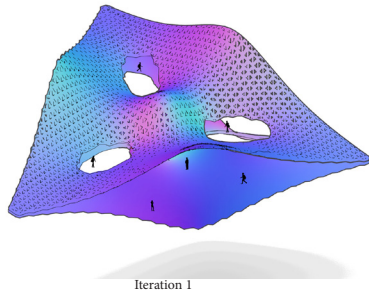


Assignment 09 _ Computational Form Finding _ *Karamba 3D* _ *Biomorpher Evolutionary Solver* _ Mesh +



Meredith Ludlam
ARCH 436 - Advanced Modeling
FALL/2020
HOMEWORK ASSIGNMENT 7

Grasshopper Definition

Project: Use *Karamba* to re-create (1) form found case study. Use *Biomorpher* to show (20) different iterations. Use *Mesh +* to add effect.

Objective: Learn the basics of *Karamba* and Computational Form Finding. 'Skill build' for the Final.

Process:
See the posted Class-05 texts for form finding case studies
Select a case study to re-create in *Karamba*
Use *Biomorpher* to develop (20) different iterations
Use *Mesh +* to add a pattern to the form found mesh as shown in the *Mesh +* video
Develop a color Strategy as shown in *Grasshopper Mesh Color* video and color the mesh

Schedule: Class-13 - Submit the deliverables listed below before the start of class-13:

Deliverables Produce (1) 11x17 sheet at 200 ppi with the following drawings
(1) form found case study. Use *Biomorpher* to show (20) different iterations
A photo of the case study
Include the *Grasshopper* definition

Submit: **Submit:** Submit all deliverables to the shared google drive
Please save your work as a PDF `Firstname_Lastname_Assignment#`

HOMEWORK ASSIGNMENTS MUST INCLUDE THE FOLLOWING:

- YOUR NAME
- ARCH 436 - Advanced Modeling
- SEMESTER / YEAR
- HOMEWORK ASSIGNMENT #