

GH | Parametric Design

Class 7 || 2.27.17

Topics in Computer Application Design
ARCH 5064 | ARCH 4164 | Spring 2017
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announcements

Project #2 overview and moving forward

discussions

watch https://www.ted.com/talks/neri_oxman_design_at_the_intersection_of_technology_and_biology
biomimicry advanced

exercises

Responsive components
 # Panel 1 - single panel translation w/ attractor point
 # Panel 2 - box morph
Ladybug - responsive panels

best practices

draw out single panel first
grouping diagnostic tools
 # panel
 # paramviewer
 # list item with number slider
list item to check panels and isolate
download Ladybug and all software necessary to run

assignment #3 completion

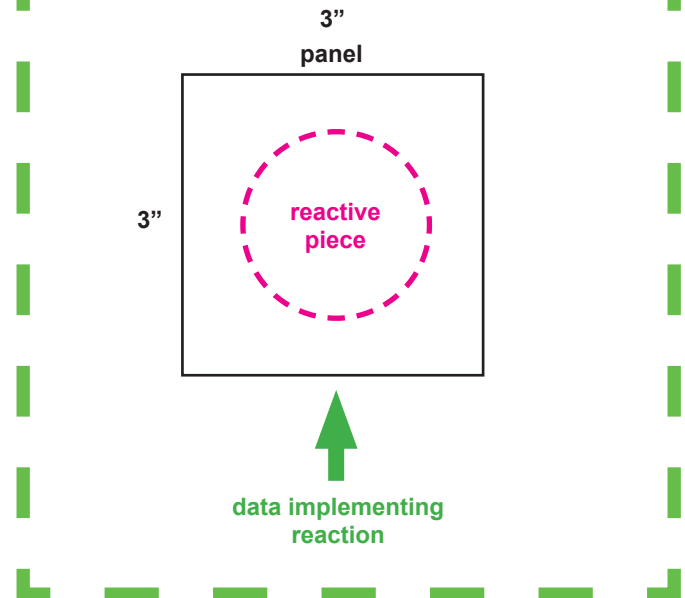
complete 5 models and take pictures
save as FirstInitial_LastName_Assignment3
upload to dropbox

resources

posted link to resource dropbox on Grasshopper Page
 # readings
 # class resources
The Proving Ground - http://www.theprovingground.org/2012_01_01_archive.html
Paneling tools - https://wiki.mcneel.com/_media/labs/panelingtools4grasshopperprimer.pdf
Responsive solar screens - http://www.brikbases.org/sites/default/files/ARCC2013_UNCC_Conference_Proceedings_597.pdf
Responsive components and Diva - <http://designalyze.com/tutorial/cuny-spring-2014-mega-post>
NYCC Fablab - <https://vimeo.com/58638489>
Jeremy Roh - <https://www.youtube.com/channel/UCqmgLuMuu50dWI-mOLEy35A>

assignment 3 for 3.13.2017 @ 6:30 PM

Design five 3"x3" paper model prototypes of your panel.
think about base state, reactive pieces, and data the panel will react to.
use the same media for each prototype (paper/chip-board/cardboard etc...)
you will present your favorite two on Monday 3/13.



project 2 for 3.27.2017 @ 6:30 PM