THE EMBRYOLOGICAL HOUSE --- GREG LYNN --- BODY DIAGRAMING
BODY

Interpreting the possible relationships between “a body and a building” is difficult as even thought the interaction is intended and planed in it’s the perception and the factor of diversity of people that causes an imbalance in this equation. Architect Greg Lynn's Embryological House is at once made and born, a hybrid of computer simulation and genetic mutation.

Greg Lynn’s work the – “The Embryological House” is a postmodern, organicist style inspired by evolutionary biology and the science of turbulence and made possible by the computer's ability to generate warped or fluid forms. The relationship between architecture and the body is apparent at many levels in this example of his work. The Embryological House is suppose to trace the evolution pattern of the human embryo.

One of Lynn’s biggest fears was : How do you keep a biological house from eating its occupants?

Figure 1: Here are a sequence of diagrams that address Lynn’s fear of the form consuming the occupants.
The Embryological House represents a new approach to fabrication and growth. Historically, a modern house would be thought of as a kit-of-parts. Each part is distinct and discreet, and you customize the house through the addition or subtraction of parts from the kit.

At the prototyping stage Lynn defined this project in stages and each mutation was considered a stage in evaluation, none of the mutations were considered perfect.

The Embryological House was an attempt to participate in that economic reality, but with a completely different implicit lifestyle and relationship to the environment. Lynn wanted to take a more biological approach, where there would be no discreet components.

“Blurring of boundaries”

The concept was that system had the same morphospace—the same form-space—so that a change in any component would inflect every other component within the system.
“POSSIBLE MUTATION PATTERNS AS NON WAS CONSIDERED IDEAL”

Figure 4: Diagrams the mutation System and the possible iterations that could be generated in varied sequences.
“The Embryologic Houses can be described as a strategy for the invention of domestic space that engages contemporary issues of brand identity and variation, customisation and continuity, flexible manufacturing and assembly and, most importantly, an unapologetic investment in the contemporary beauty and voluptuous aesthetics of undulating surfaces rendered vividly in iridescent and opalescent colours.”

- Lynn

“The Embryologic Houses employ a rigorous system of geometrical limits that liberate models of endless variations.”

Each iteration is generated by surface morphology

Figure 5: the endless iterations that could be generated using the basic program code
Works Cited


External References


