

LATENT FORM

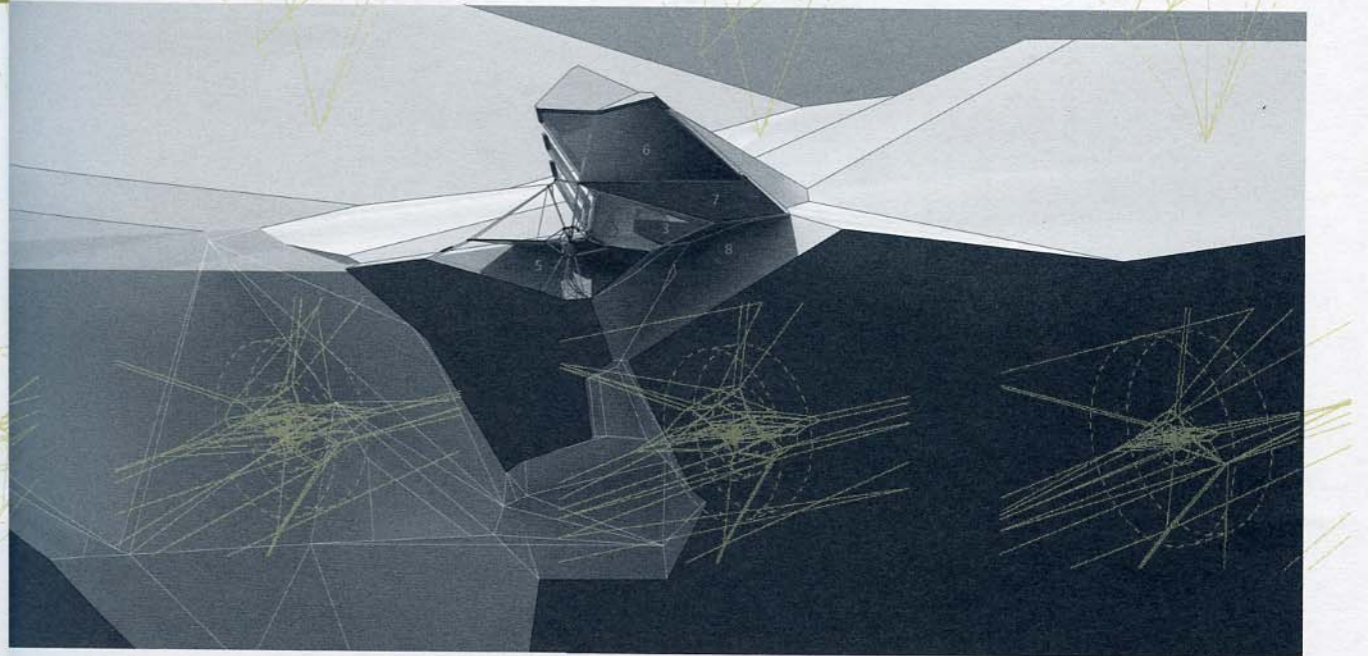


CONVEX HULL

In studio, as in our own work, we are always most interested in the underlying formational logics or stories that govern a project's evolution. The inaugural mark of design is always cataclysmic, a disruption that initiates a cascade of difference out of which form emerges.

BY LUKE OGRYDZIAK AND ZOË PRILLINGER

This project examines the origin of form, the blurry line between something and nothing. We posit the base condition as an undifferentiated infinite universe, dormant with a set of rules for creating boundary states. The space is charged with a specific self-dividing logic based on the convex hull algorithm for spatial partitioning. The first move designates a core, an empty point in space. The next move, an emission from the core, bifurcates the universe. This initial division of space, a tearing open of the ground, creates an opposition that launches form out of nothing. Subsequent emissions and their bifurcations propel the accumulation of difference, an increasingly complex formal structure. Each generation of expansion disrupts the previous state, causing the whole system to lurch into the next state. ^{fw}



Luke Ogrzydziak and Zoë Prillinger were both Howard A. Friedman Visiting Professors in the Practice of Architecture during the fall 2007 semester at the UC Berkeley College of Environmental Design. A husband-and-wife team, they are co-founding principals of Ogrzydziak/Prillinger Architects in San Francisco

Facing page, top: Core looking East
This page, top: Core looking West
Bottom: Section
Background: Universe Growth Diagram