

OUT OF ALIGNMENT

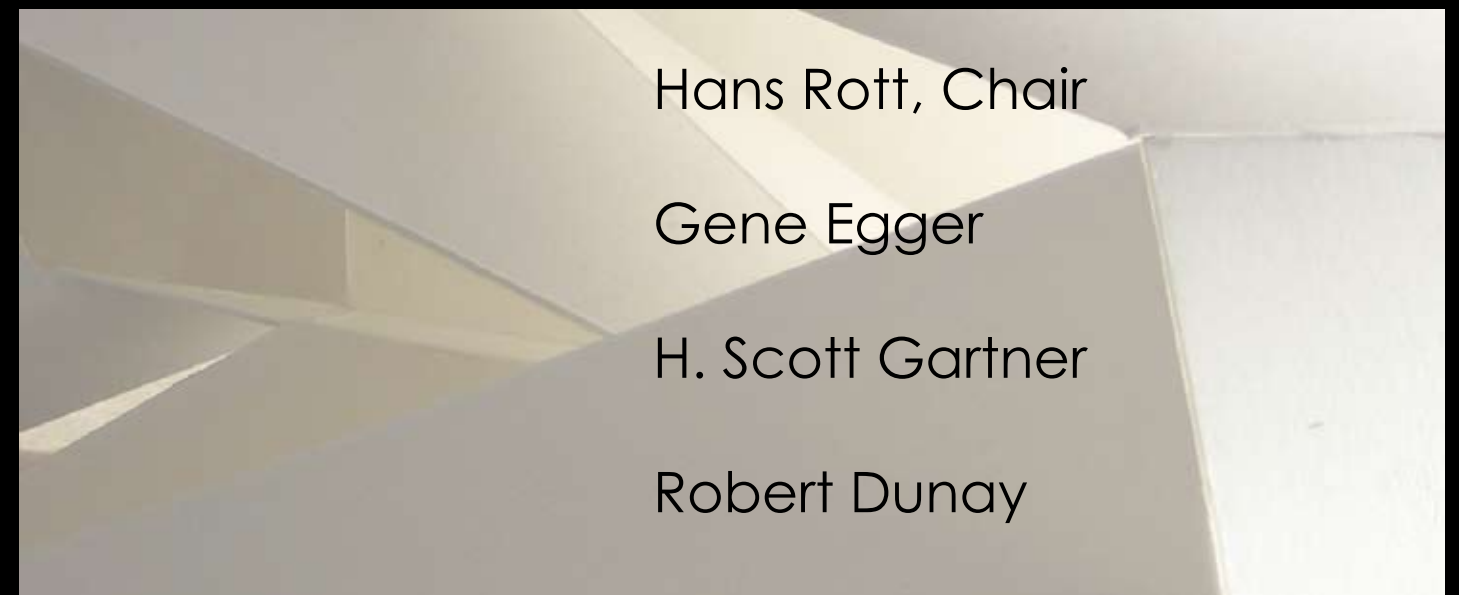
By Kristin Rose Carleton

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By Kristin Rose Carleton

Thesis submitted to the faculty of Virginia Polytechnic Institute
and State University in partial fulfillment of the requirements
for the degree of

Master of Architecture in Architecture



Keywords
angular, linear, exploration

Blacksburg, Virginia
May 6, 2009

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Abstract

This thesis is an exploration of relationships made between angular elements for the purpose of discovering the spatial results that those explorations create. The media used to develop this thesis are two dimensional linear compositions, three dimensional modeling, and photography.

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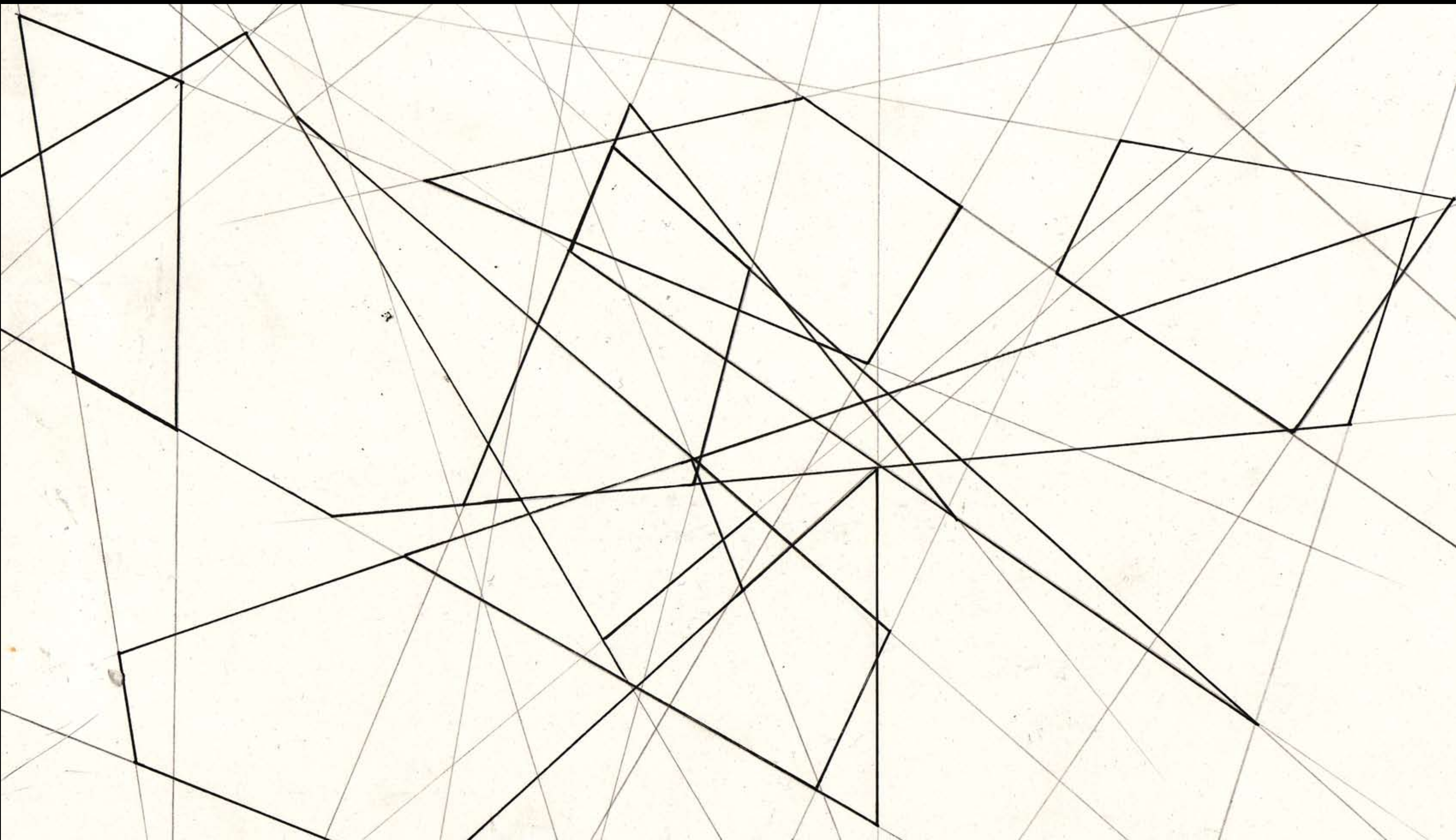
Introduction

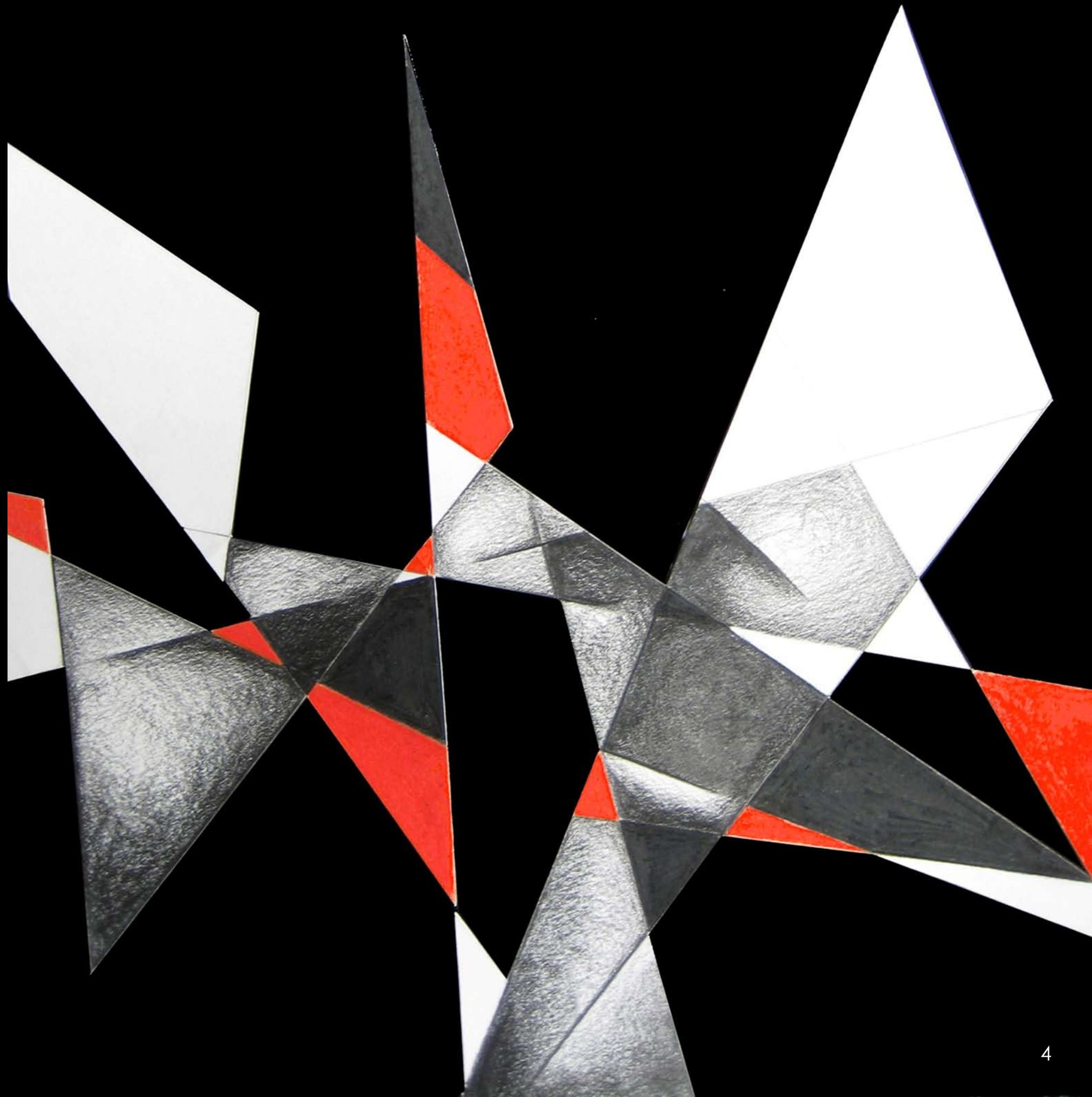
The following thesis is to explore a way to develop architectural forms using relationships between angular shapes. The study includes the creation of both two-dimensional diagrammatic linear compositions, as well as three-dimensional models of angular forms and photographs describing the potential architectural relationships discovered within the forms. In both mediums forms are expressed using high contrast between the implied positive verses negative space and shadow verses light.

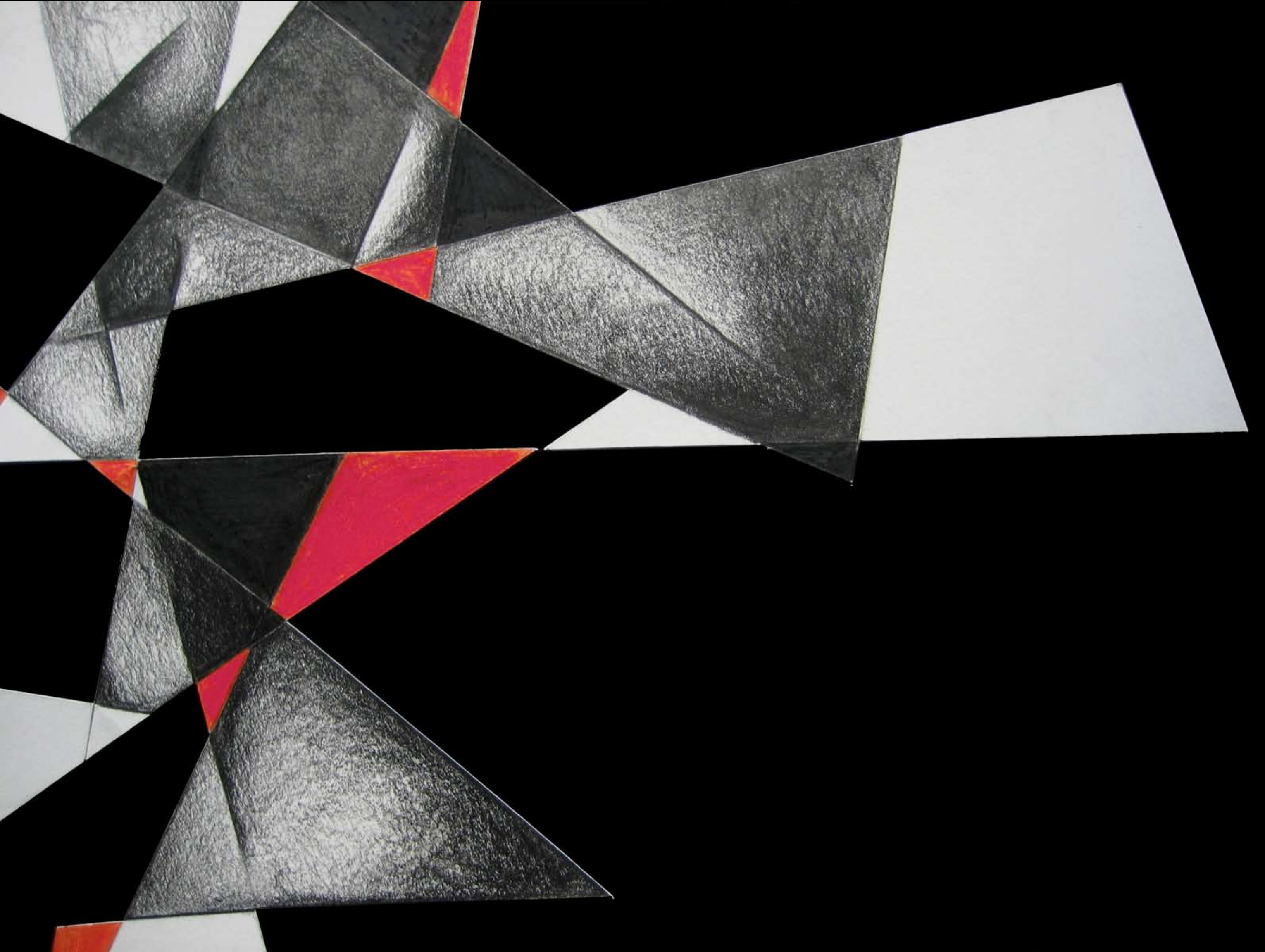
The intent is that by creating objects using this method spatial relationships will develop that may not have if one were designing towards a specific program or site. The forms created are intended to be program-less, site-less, multi-orientation objects that can be adapted to facilitate various programs and sites as required to be incorporated into the built environment.

Within the diagrammatic linear compositions drawn I made decisions to determine what was to become positive versus negative space to indicate forms and develop relationships between them out of the web of lines created.

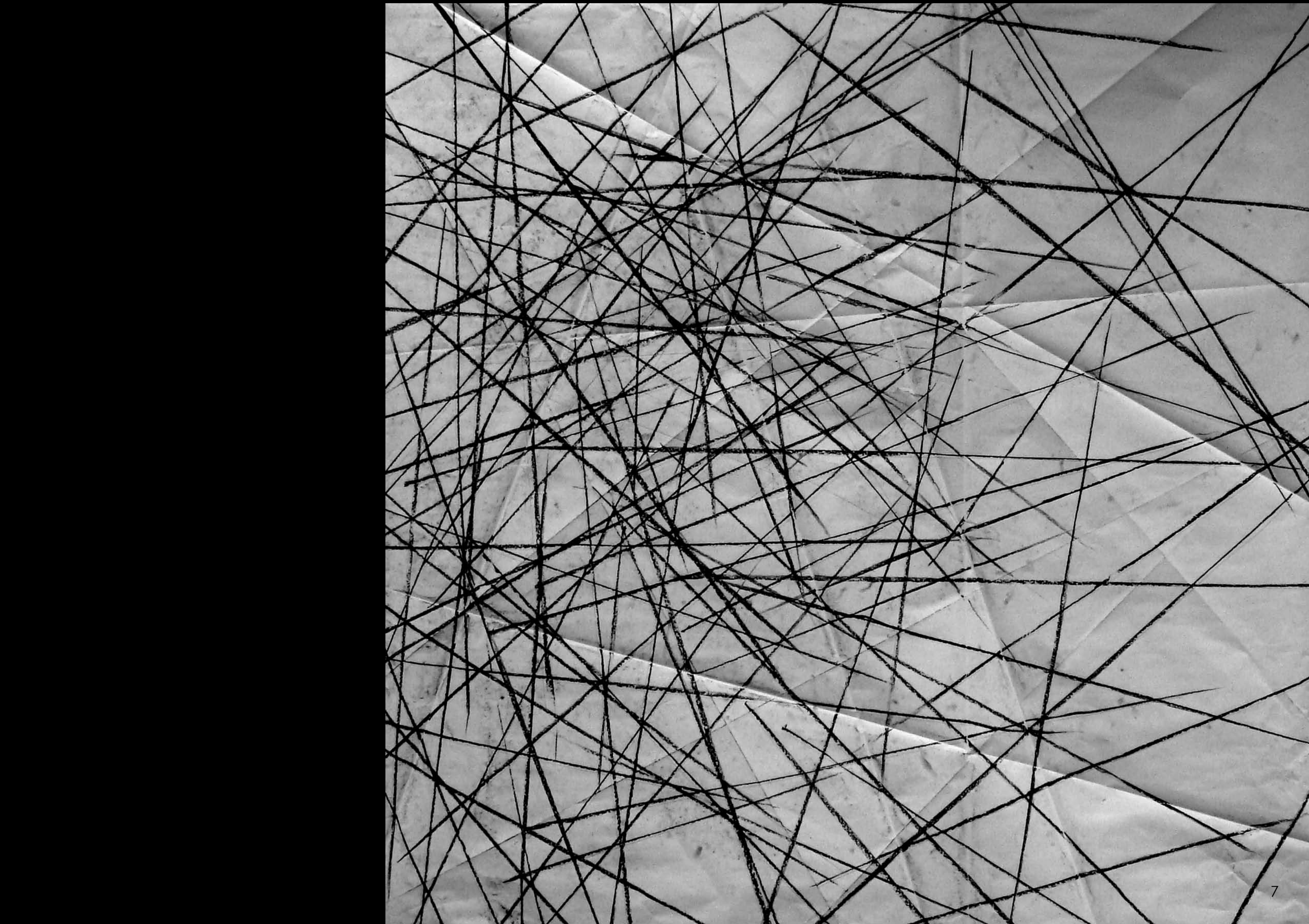
Linear Compositions

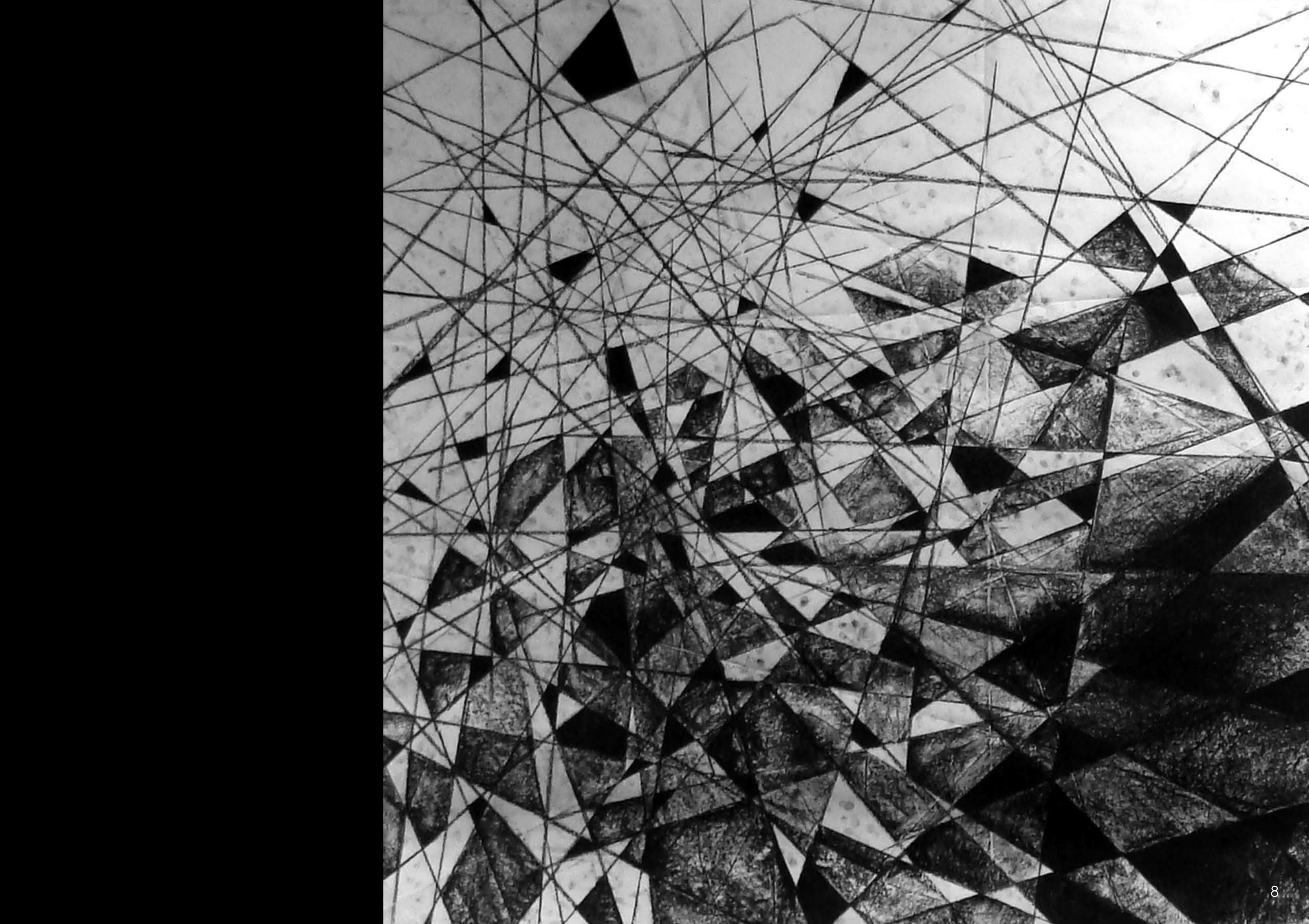




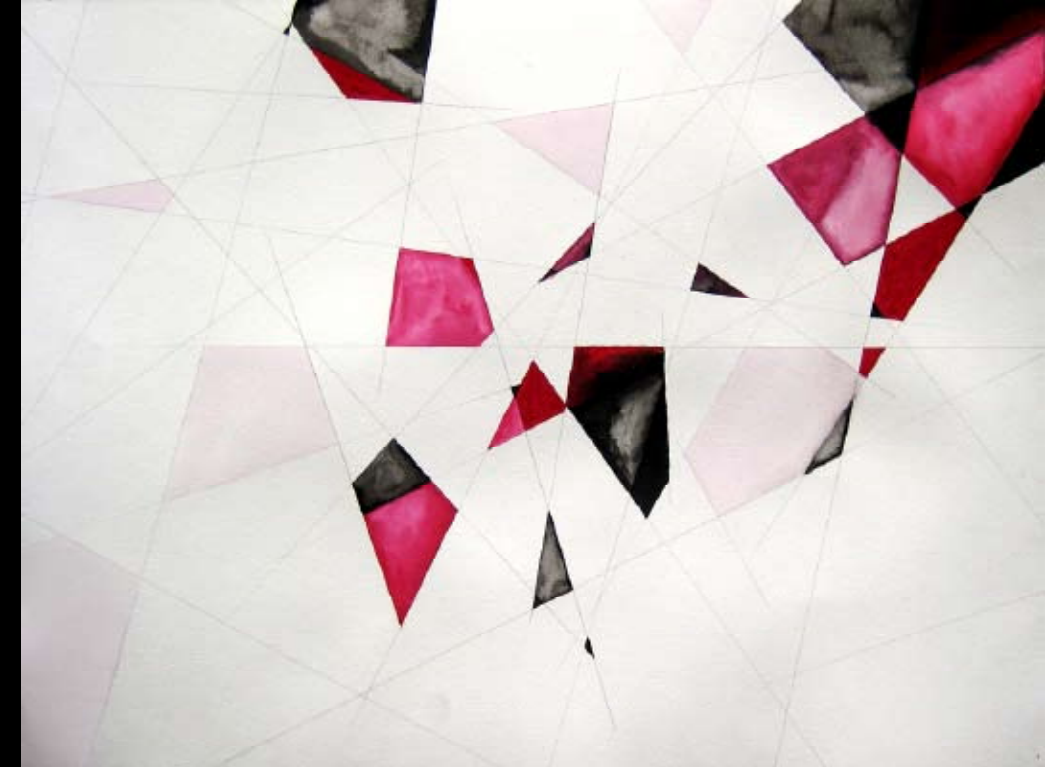


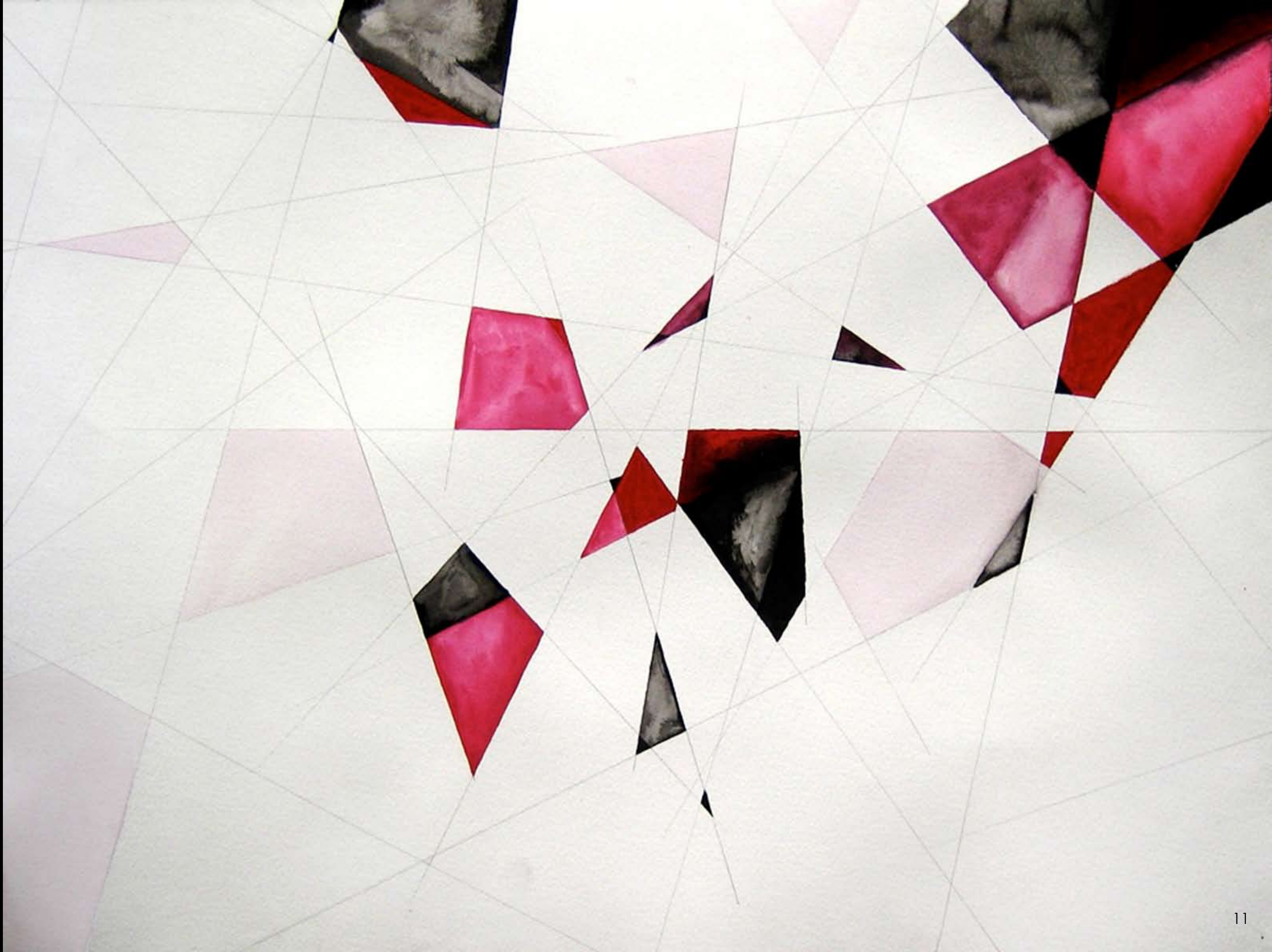




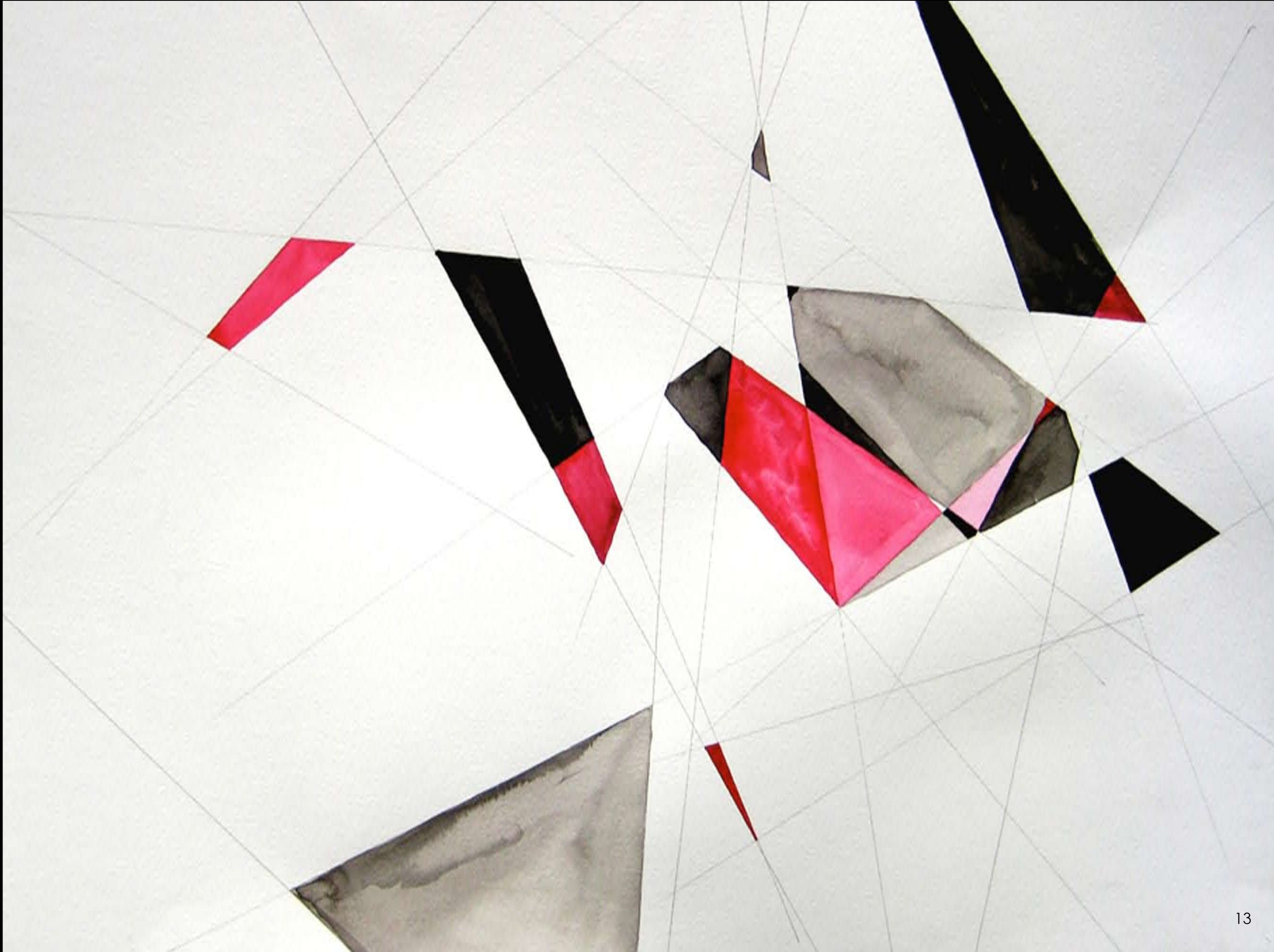


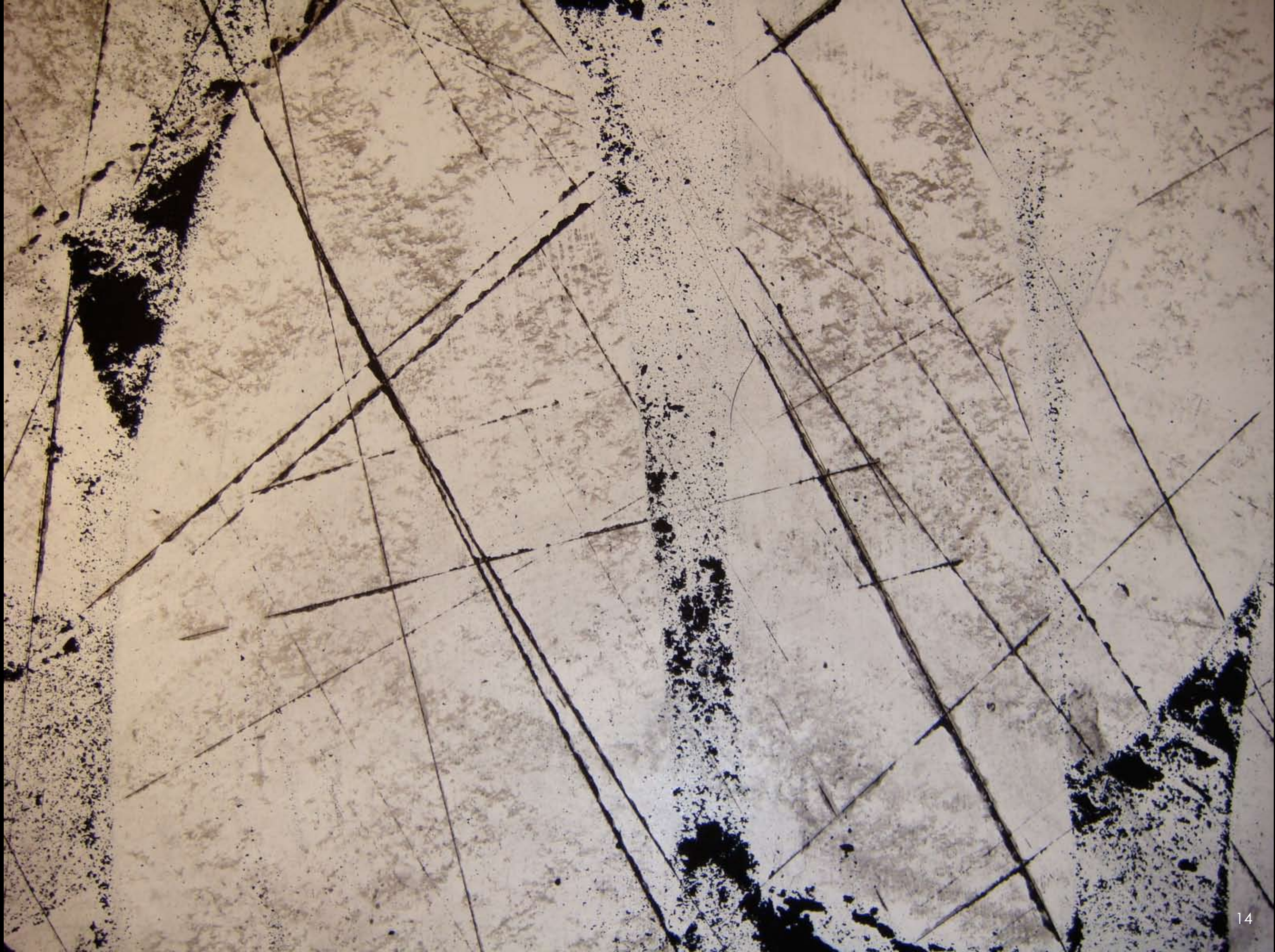


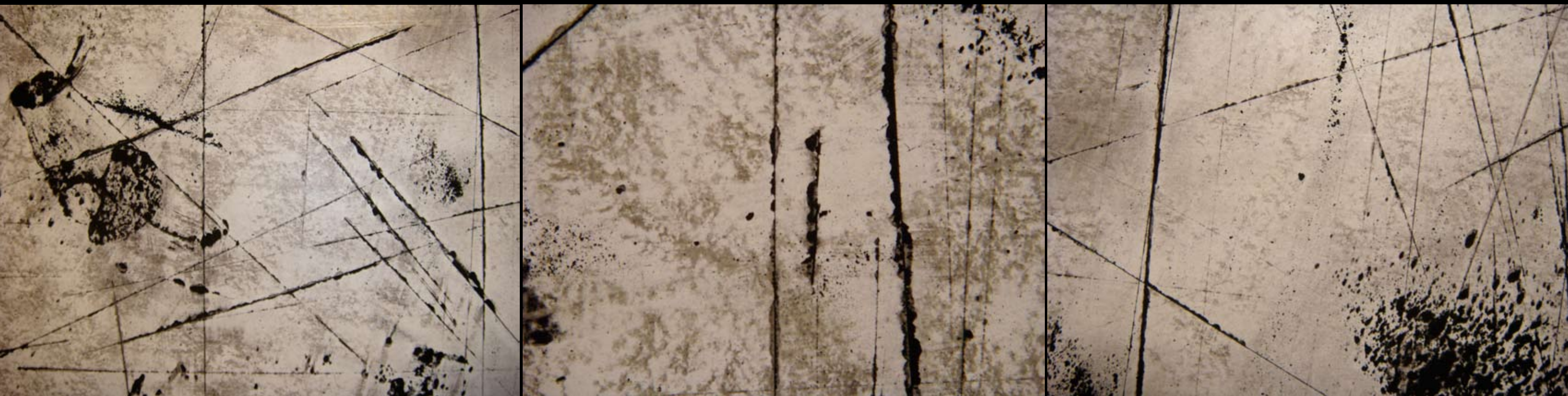








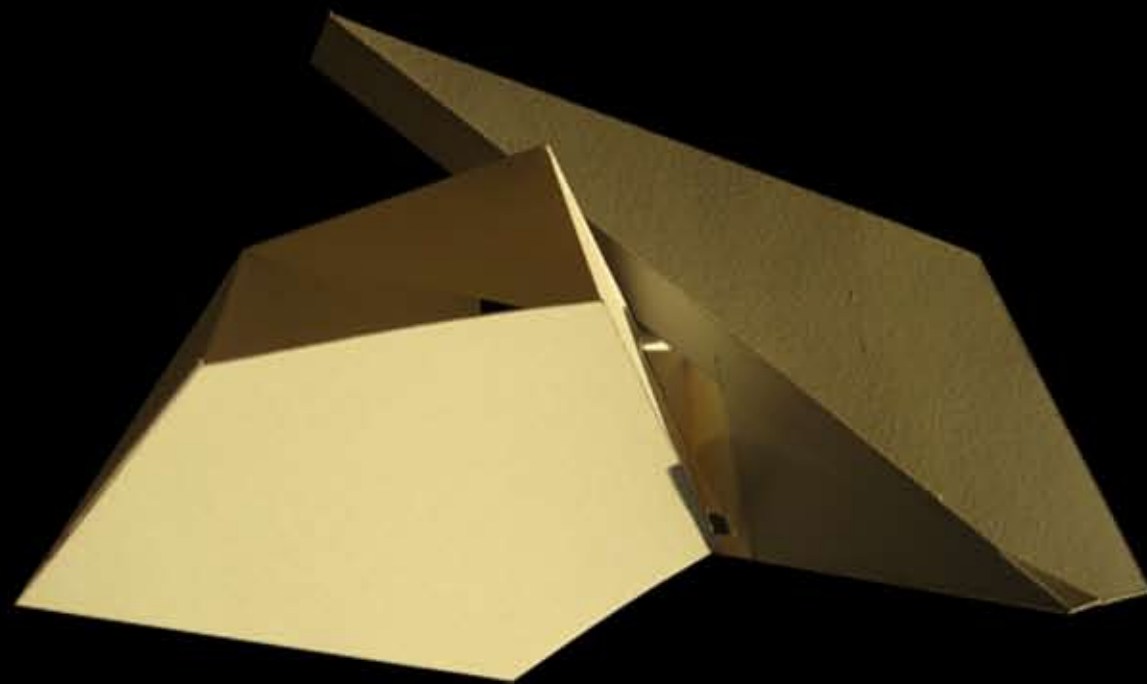


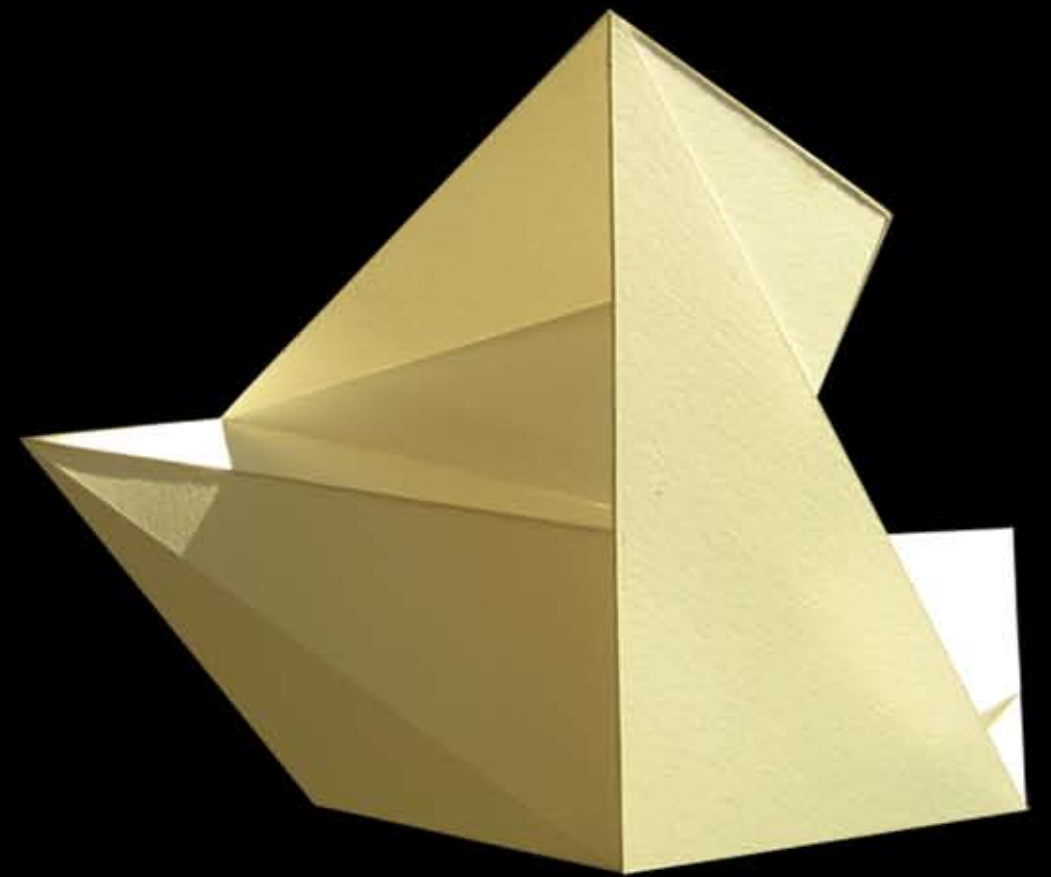




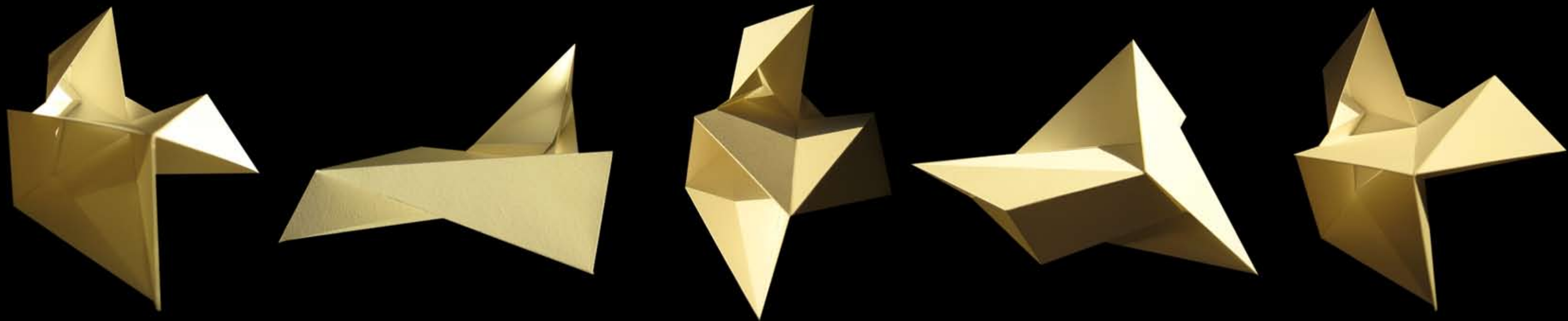
Using angular shapes I constructed three- dimensional forms by determining relationships between their edges and then volumes, as they developed into them, to create objects with multi-orientations.

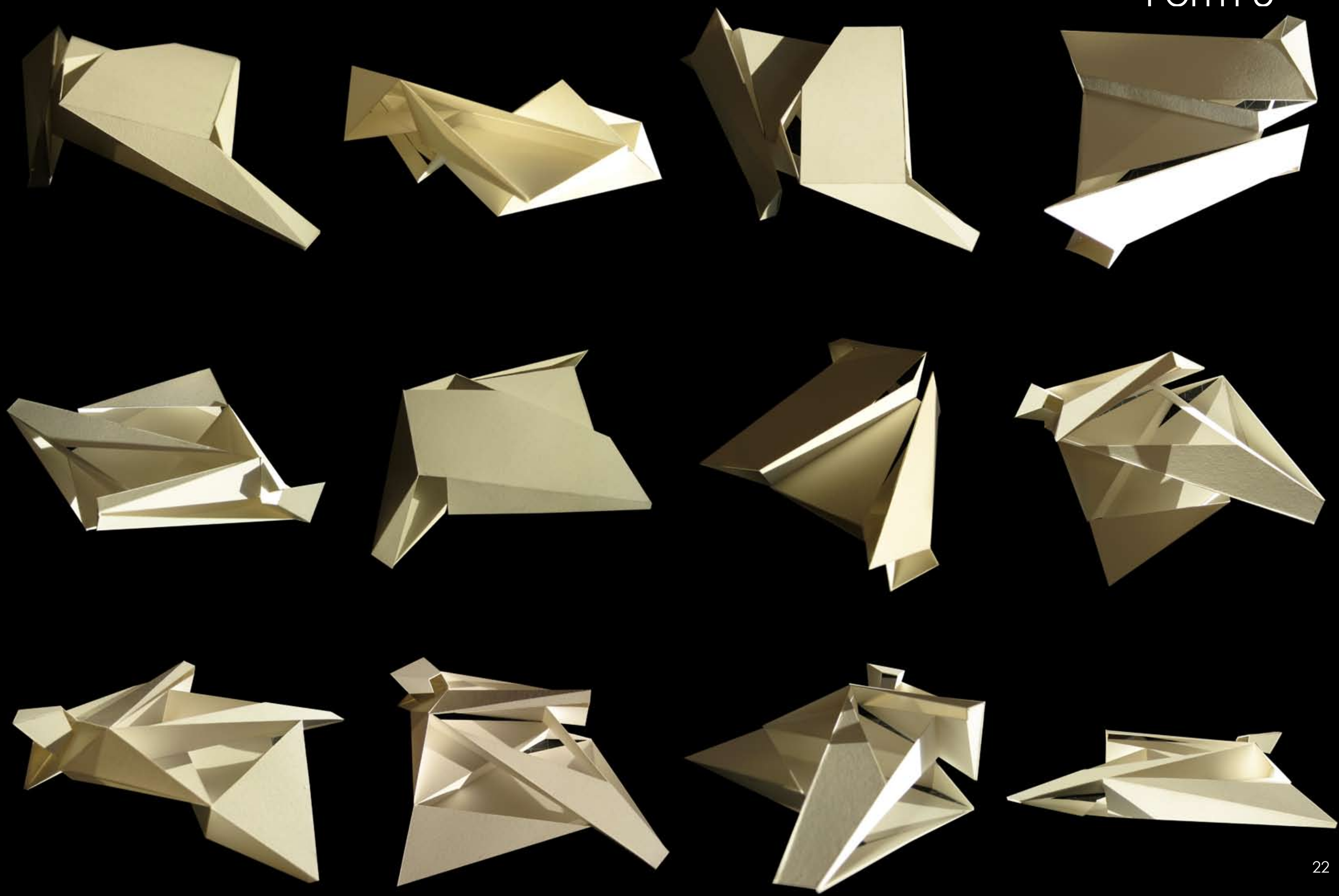
Angular Forms



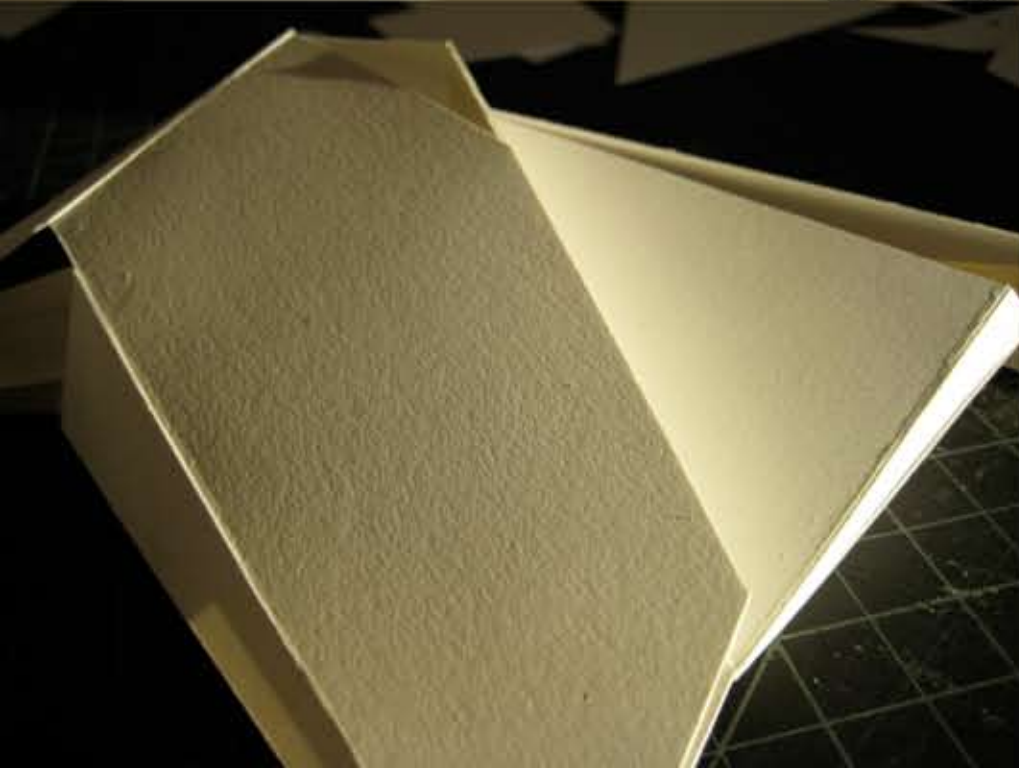
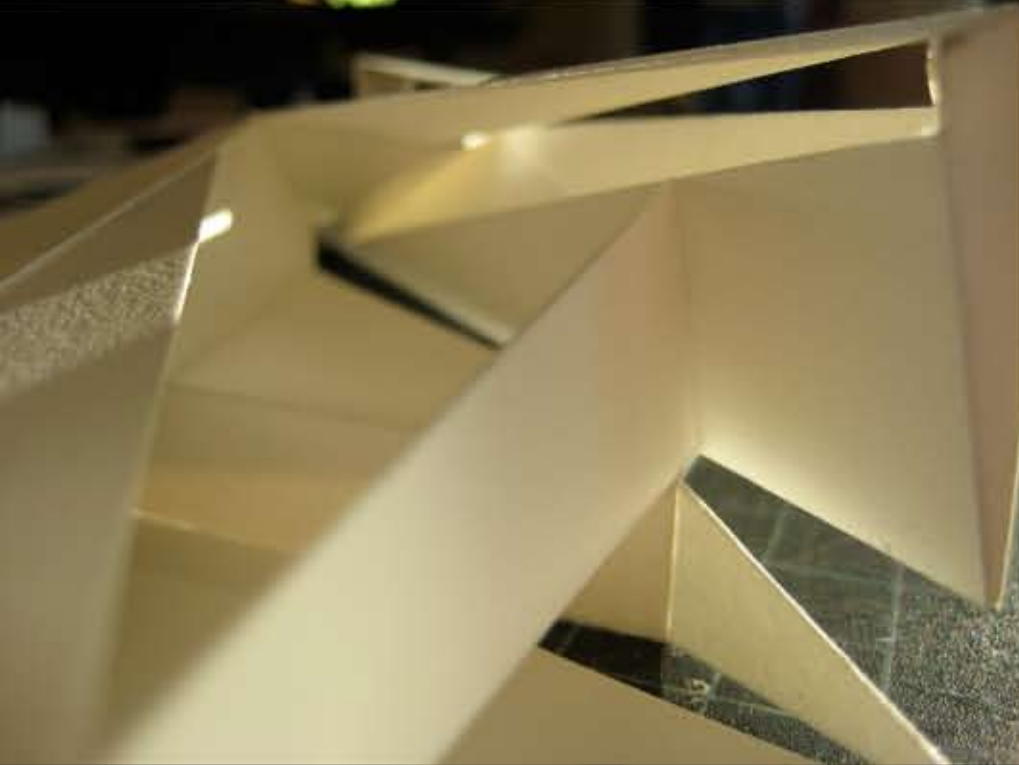
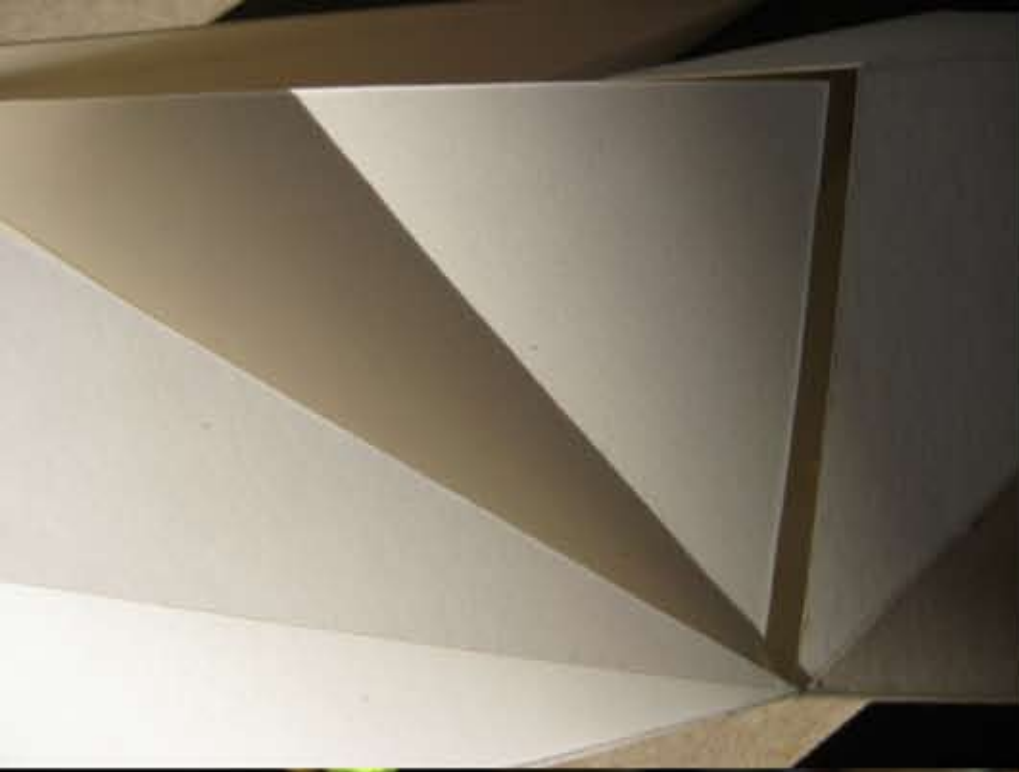


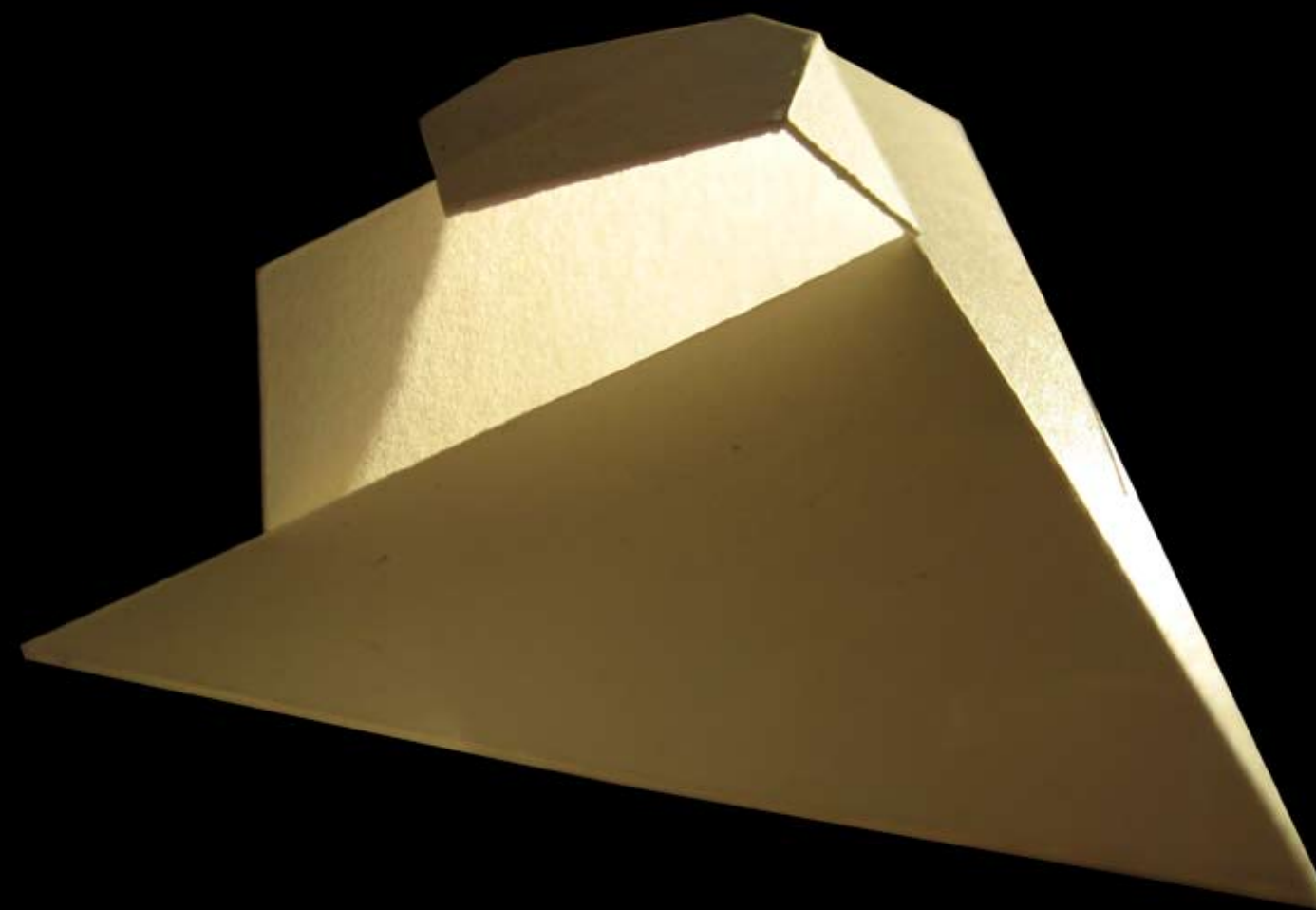
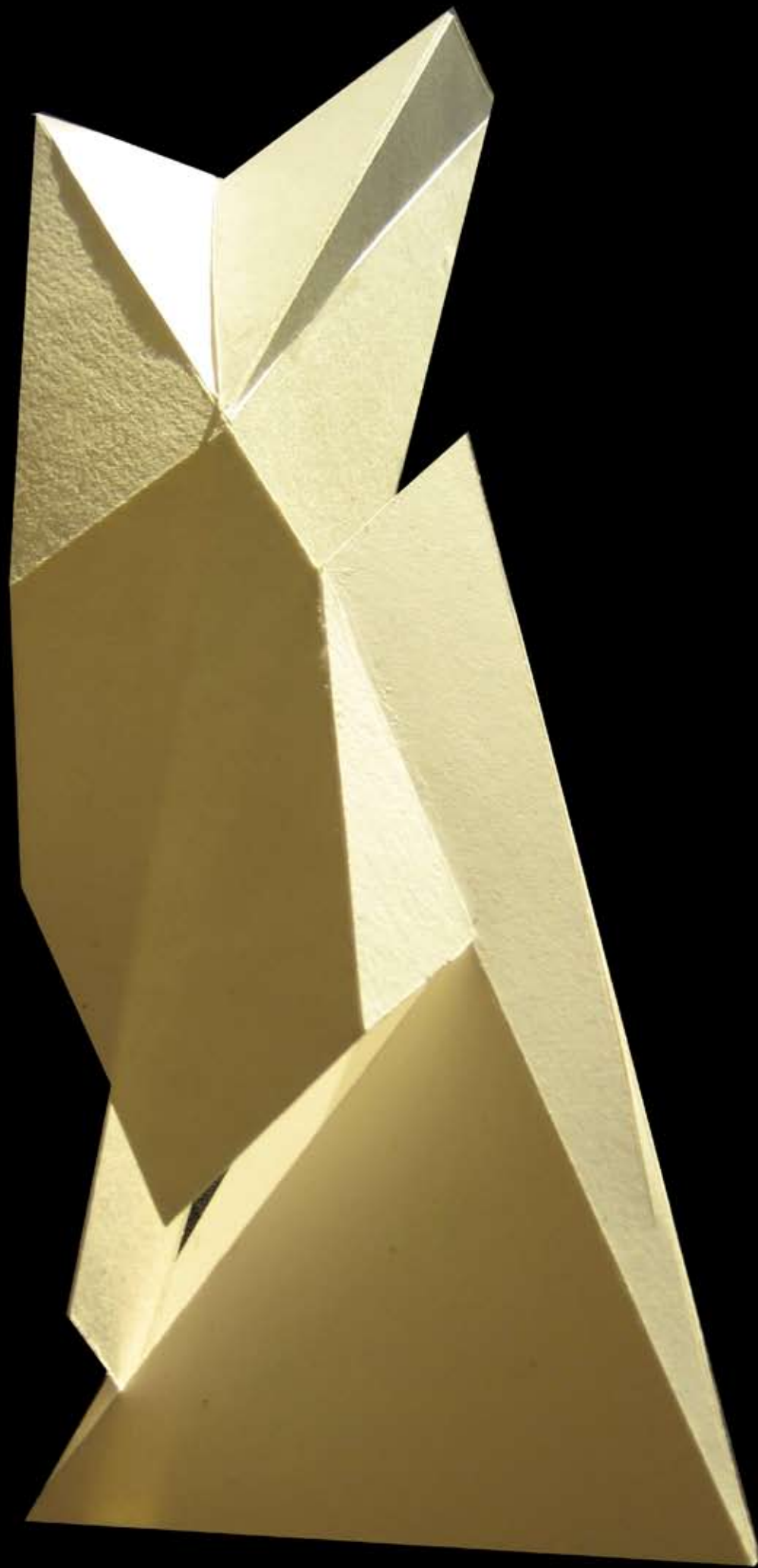


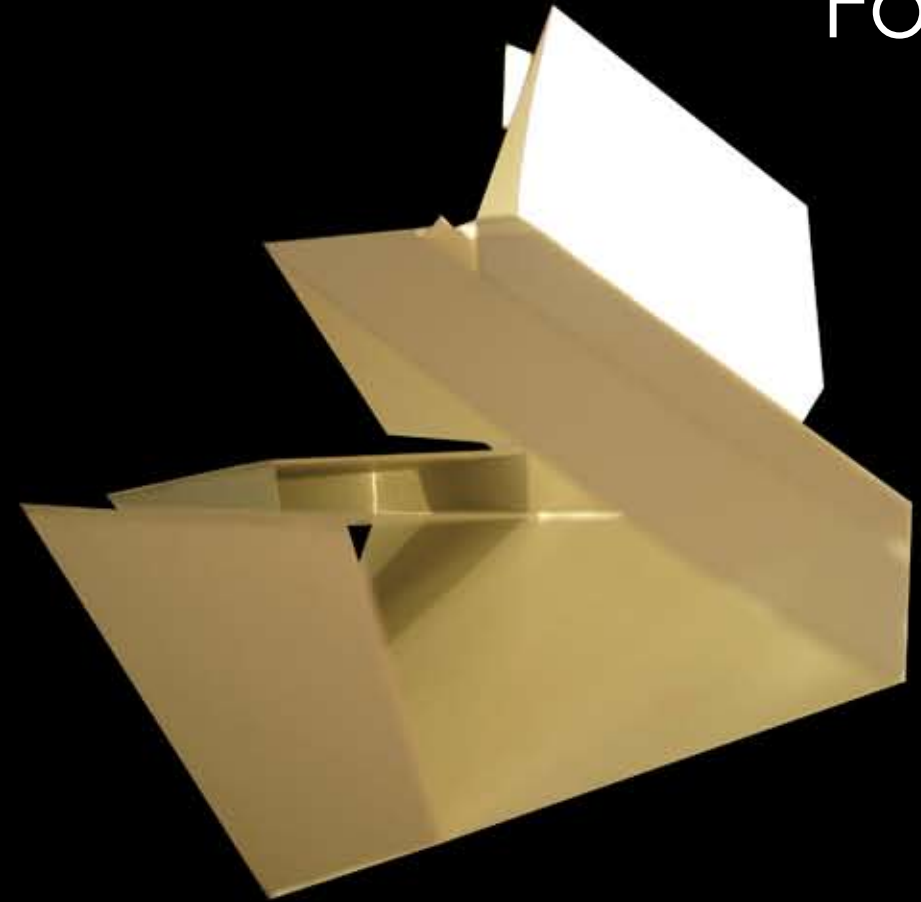




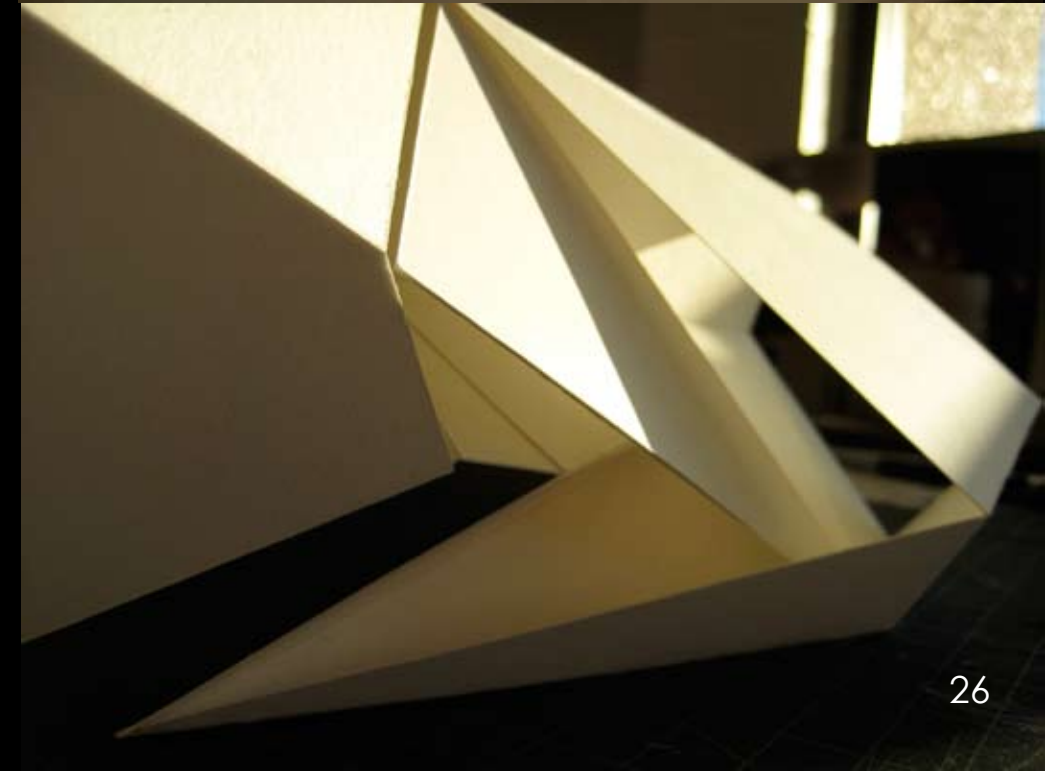
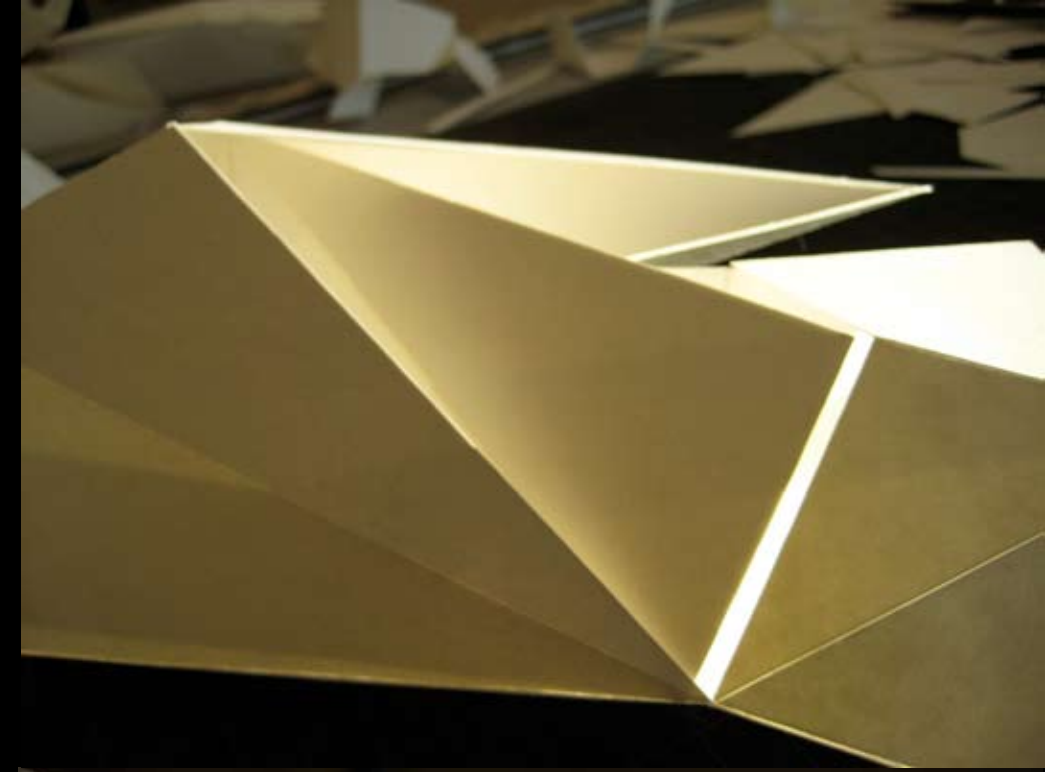
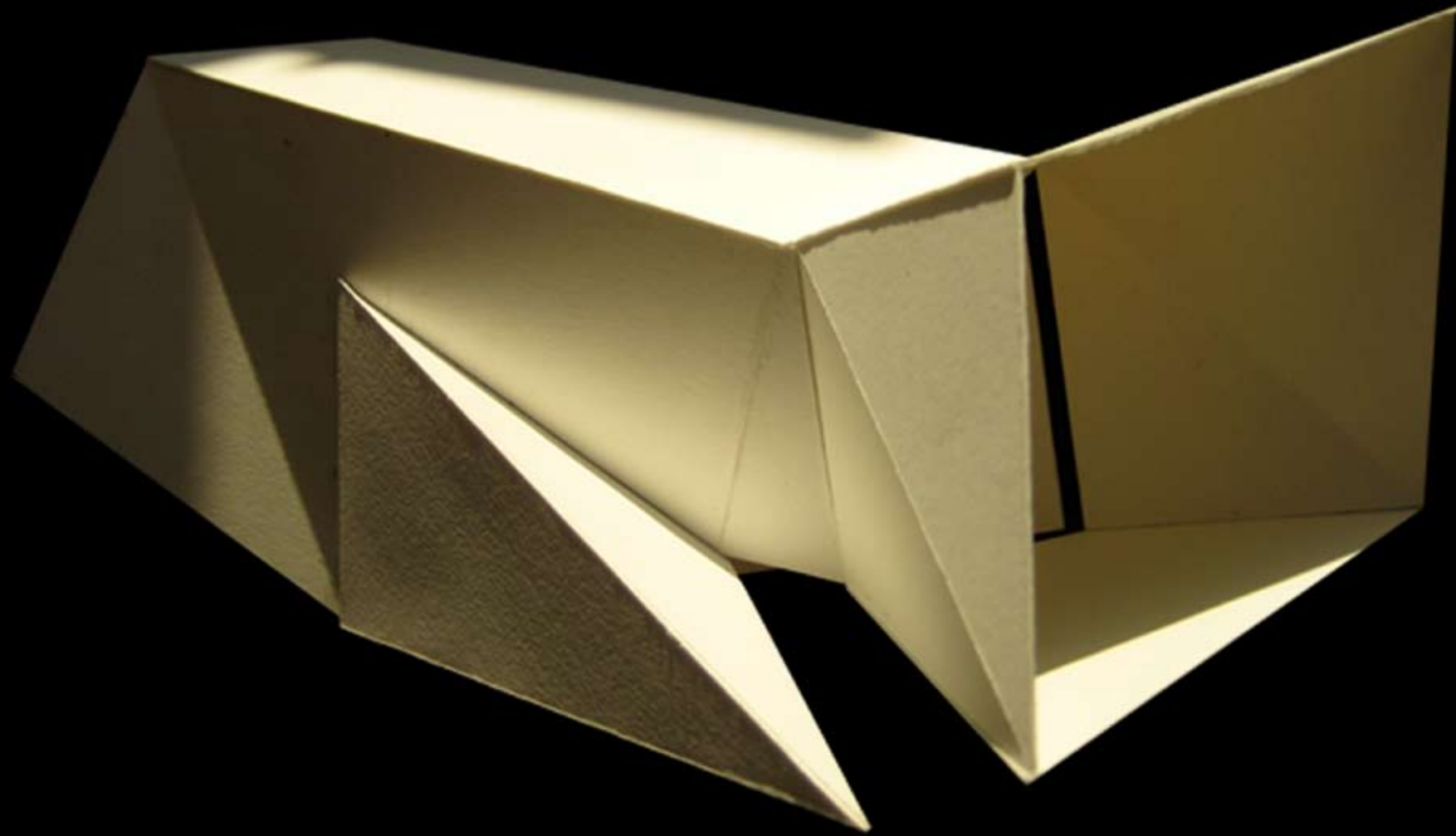
Form 6





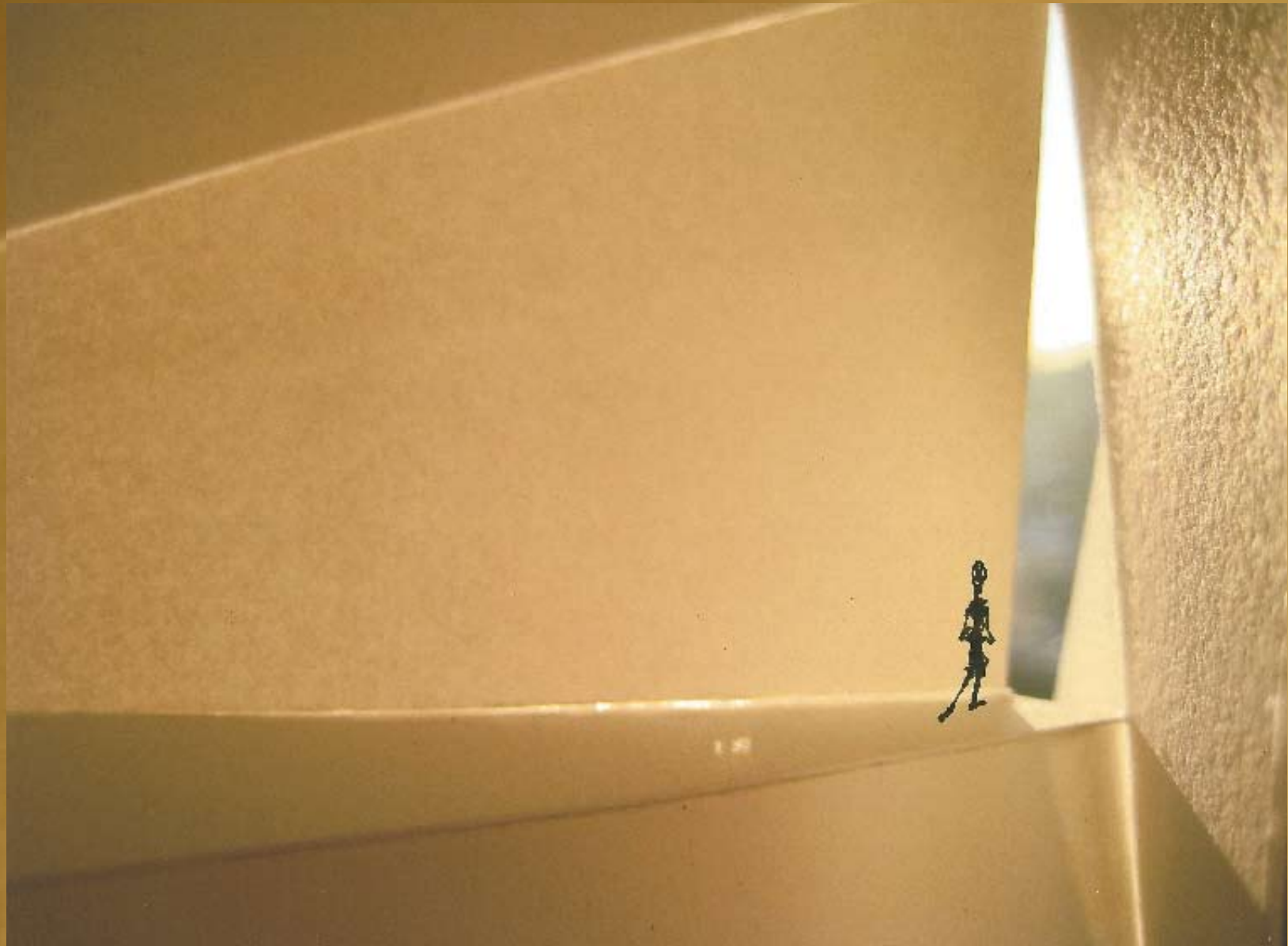


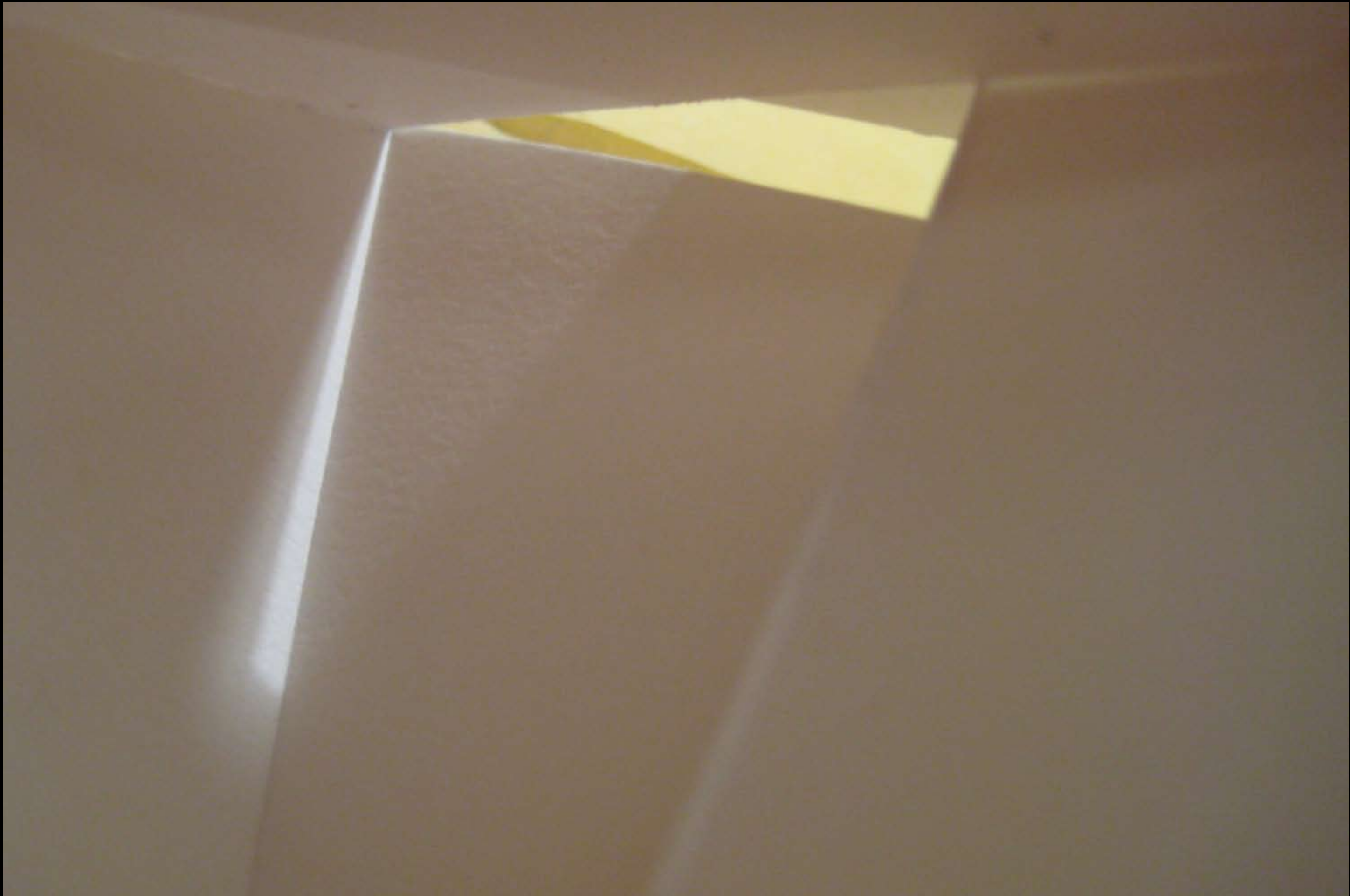
Form 9

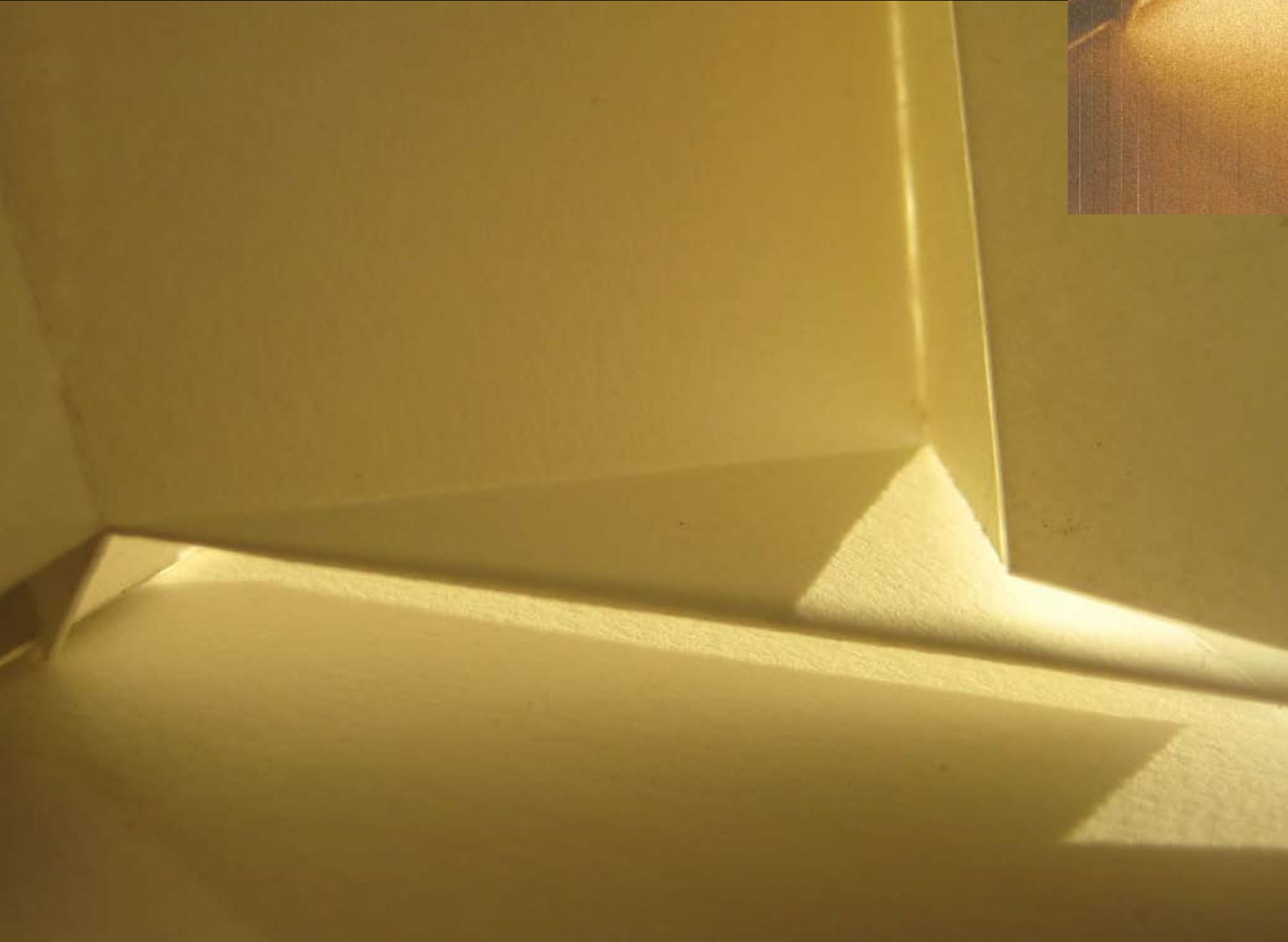
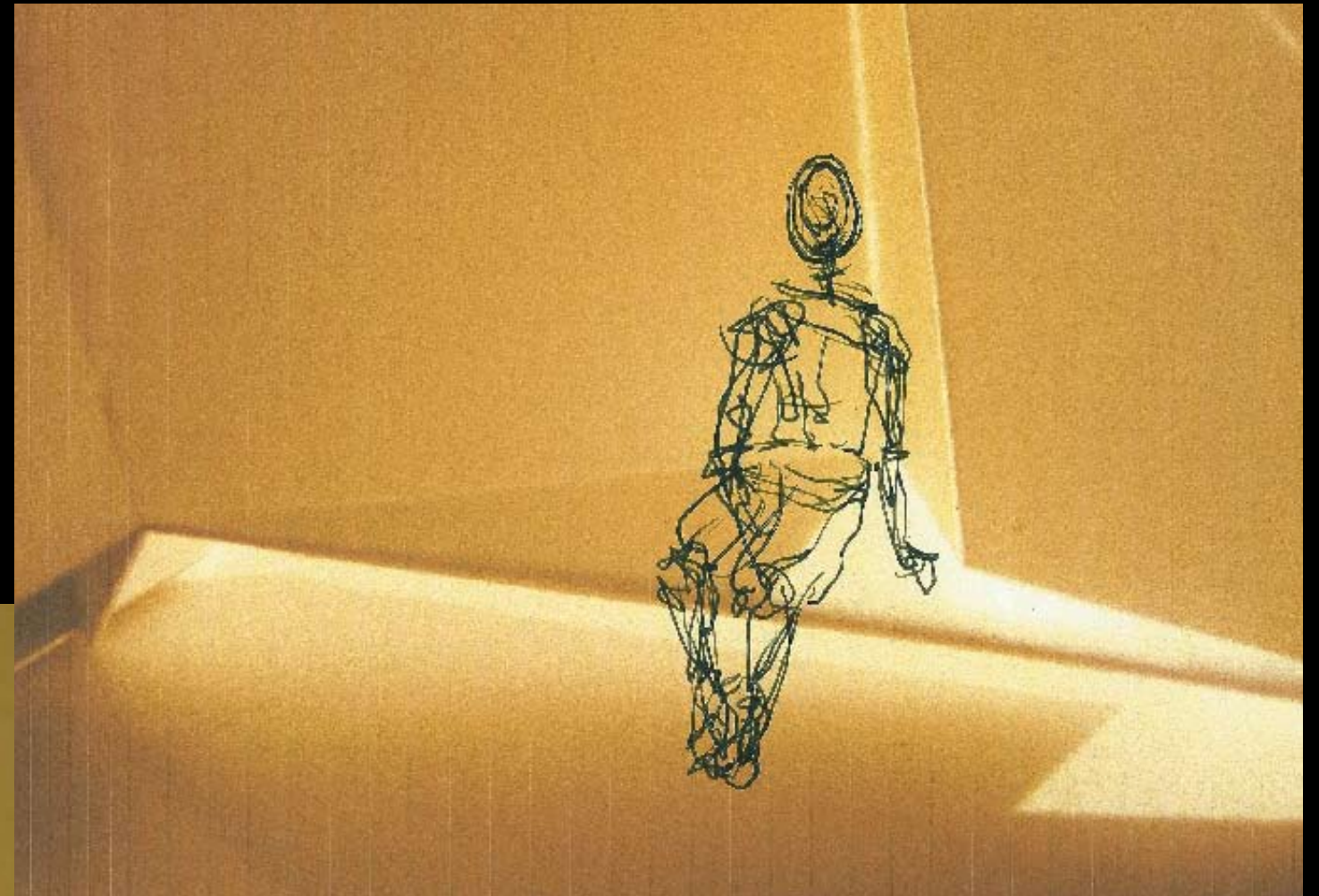
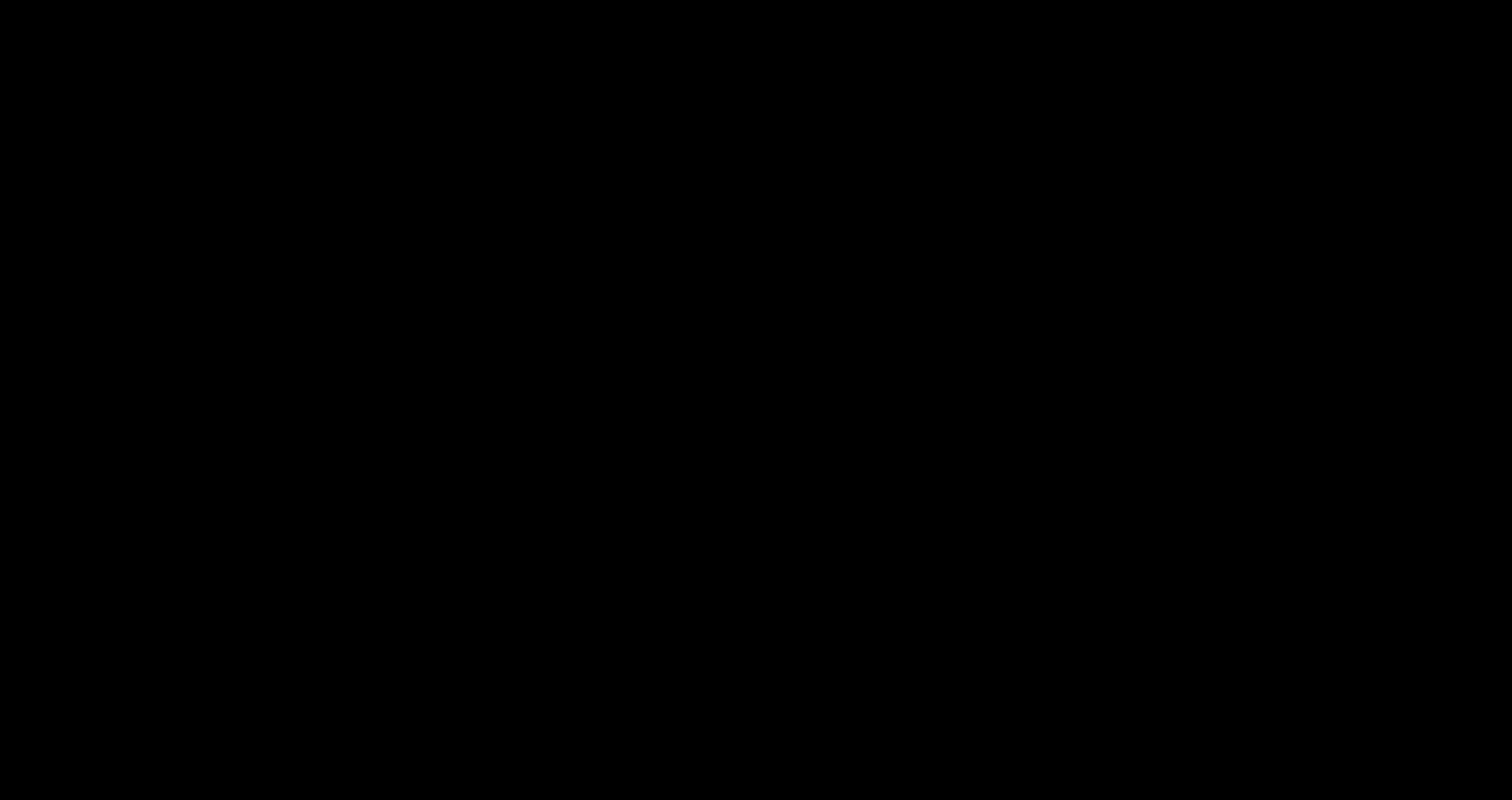


Through photographic study of the three-dimensional forms created I explored potential architectural relationships within them and envisioned how those relationships may be incorporated into the built environment.

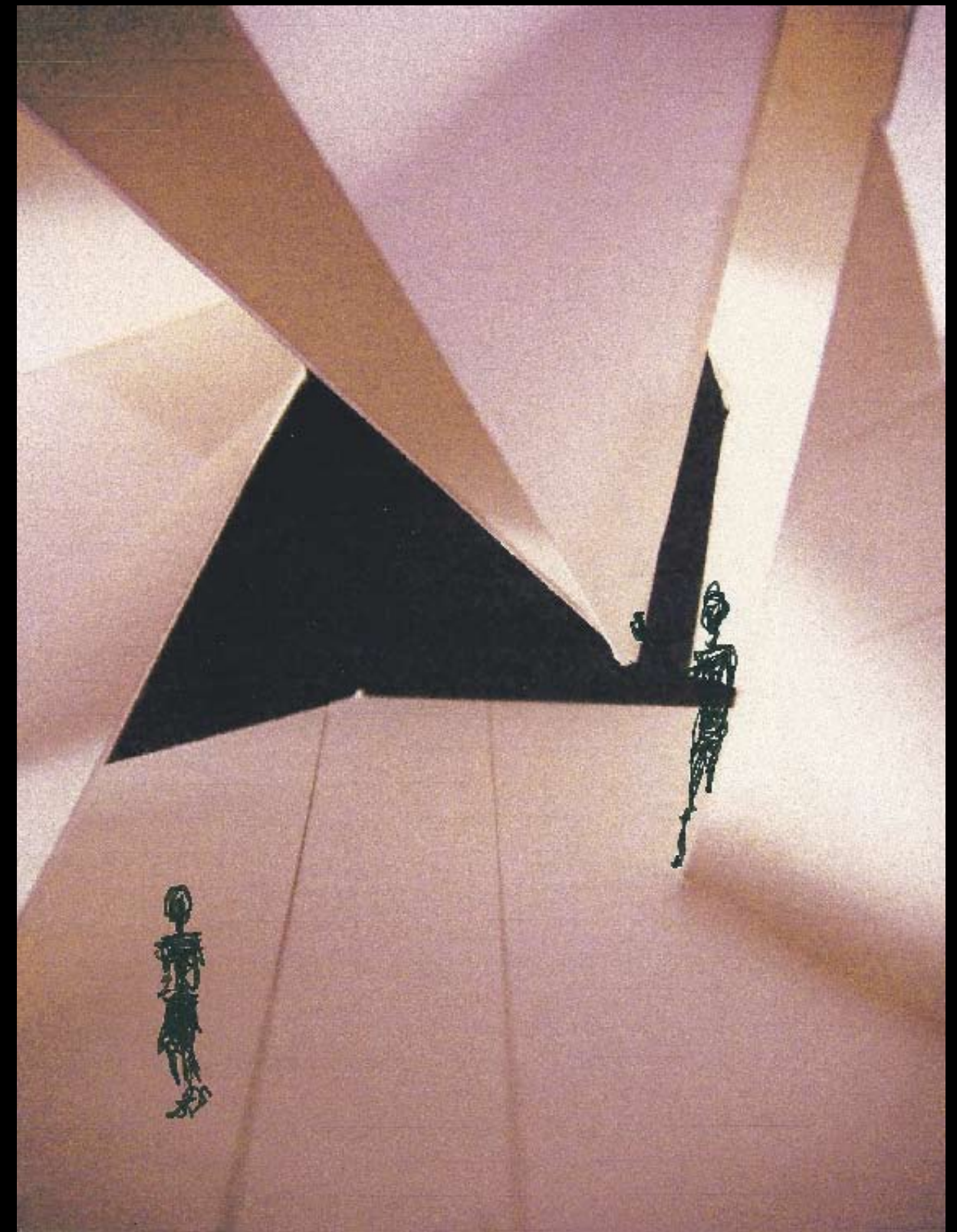
Architectural Relationships

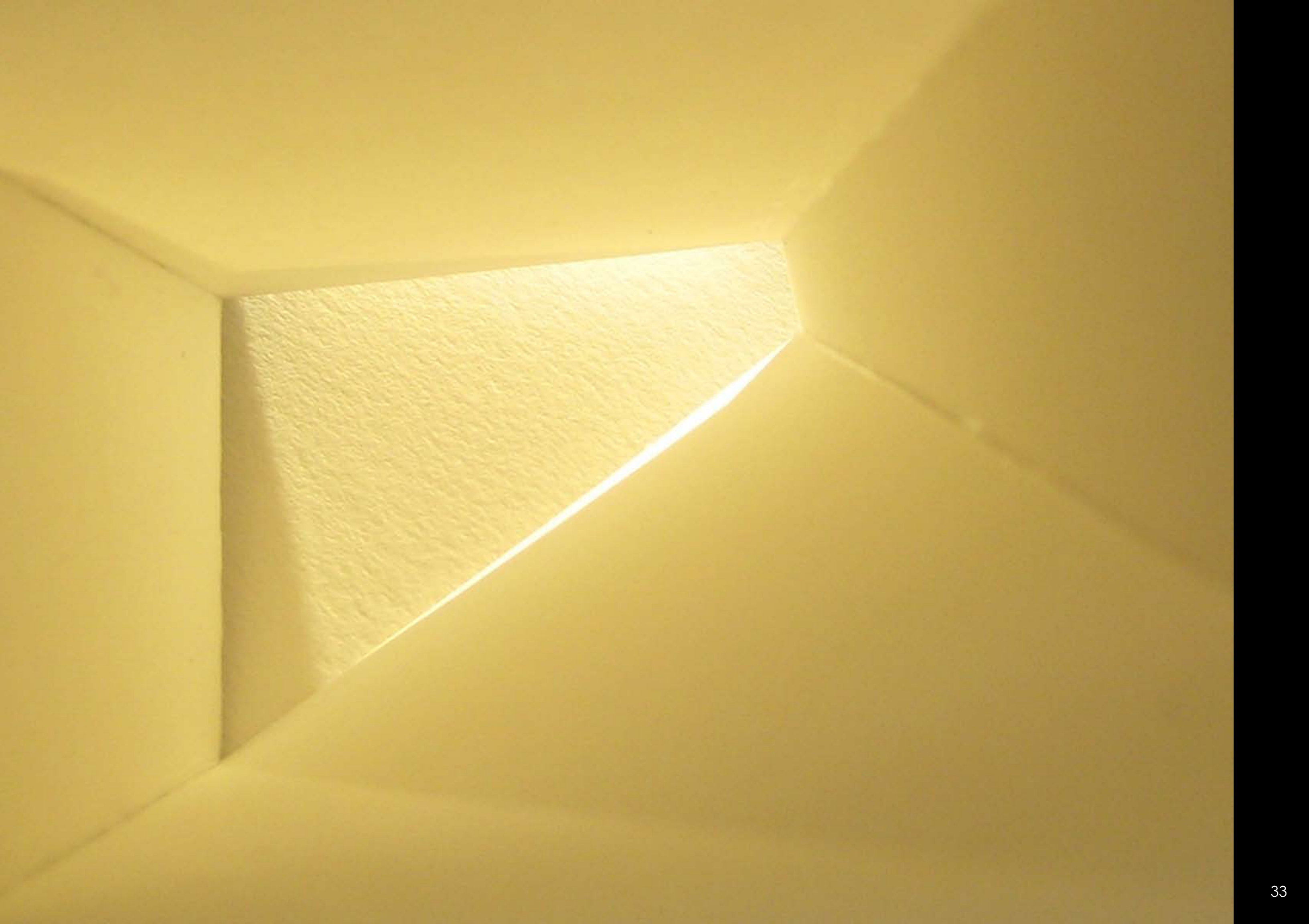












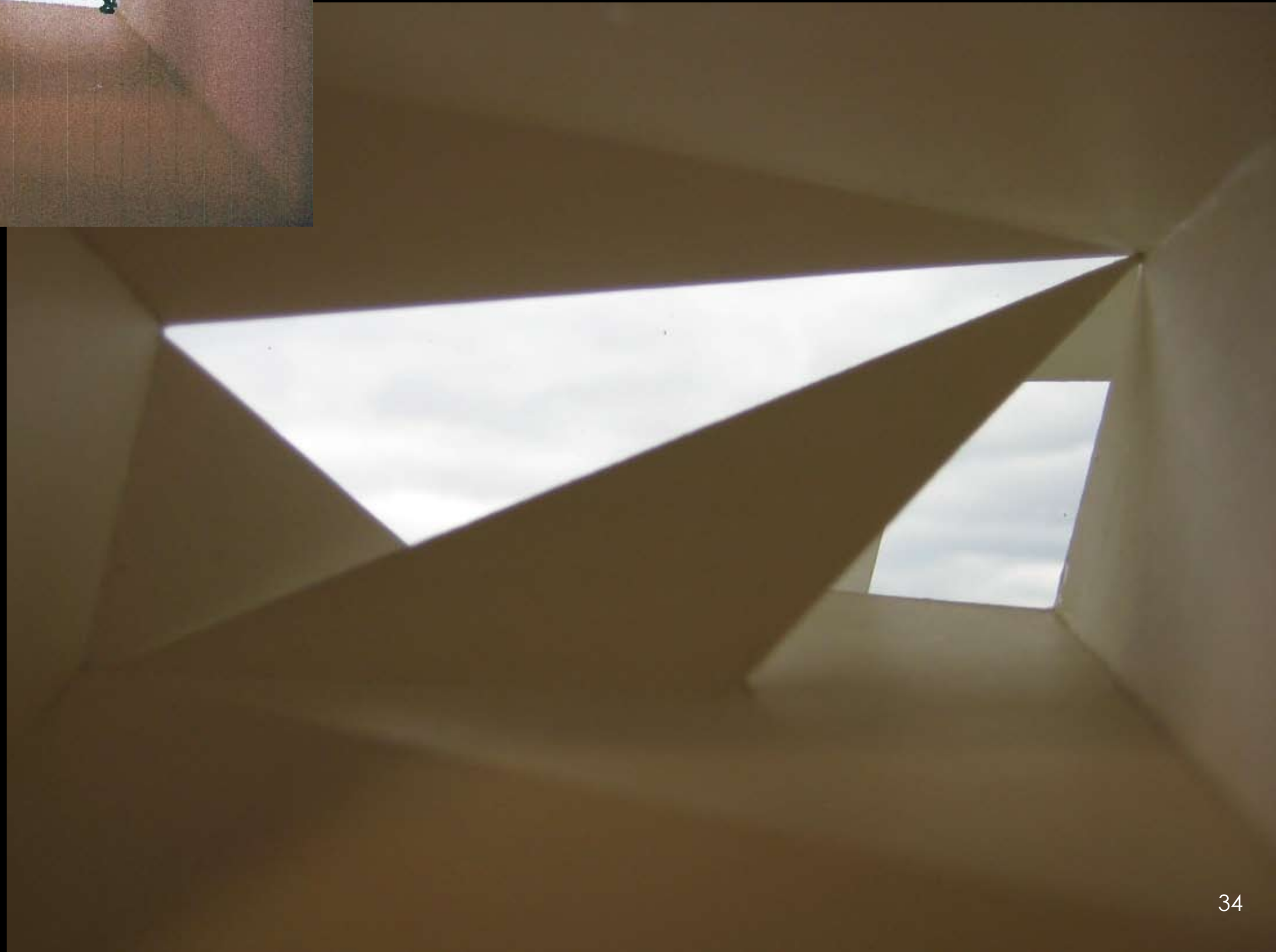
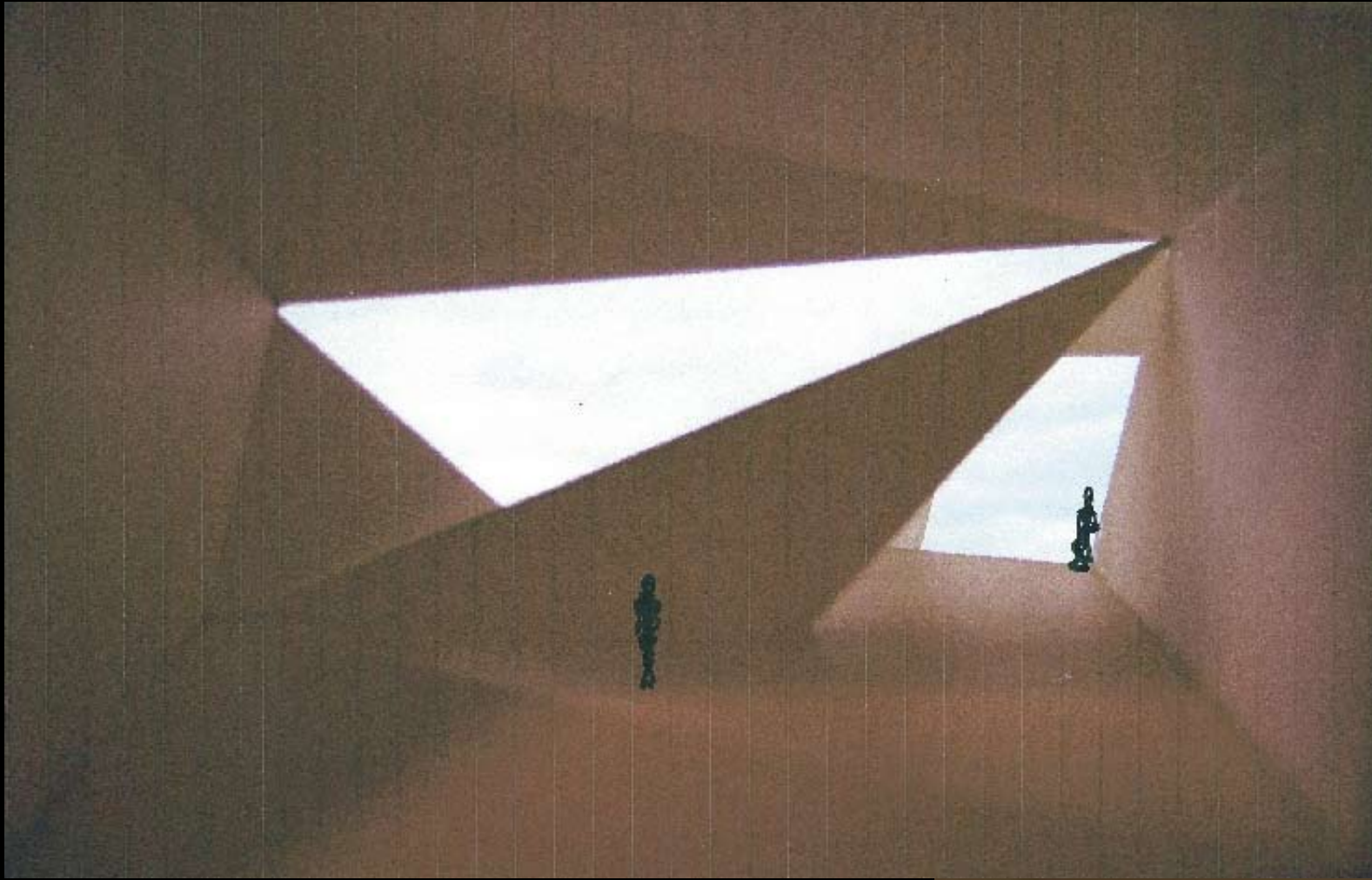










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