

Assignment 1 | Visual Ergonomics

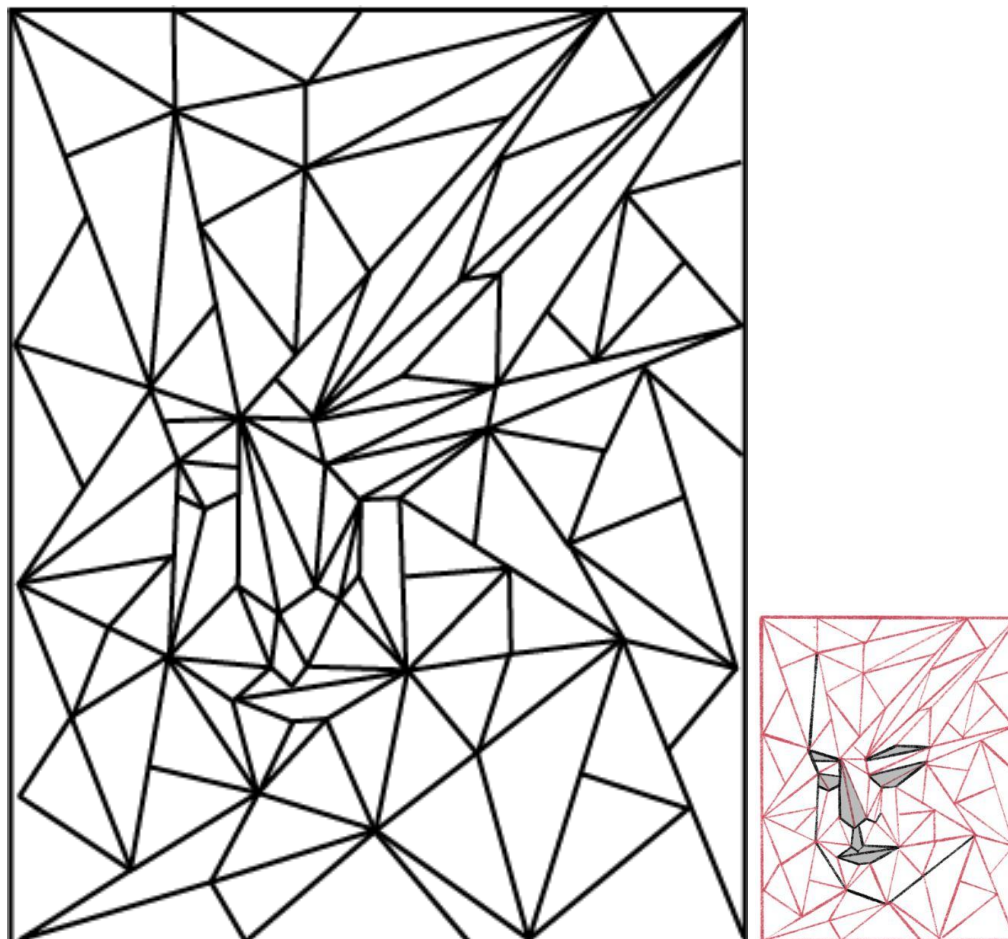
Embedded Figures and Hidden Figures

Abstract

Embedded figures are images where one is able to visually locate and detect local elements in a global configural shape, i.e. to pick out the simple figure from a larger image. These simple figures are more difficult to differentiate when lines of it belong perceptually to a larger image. The explorations performed tries to understand the various ways of embedding figures and to explore with few different laws of Gestalts.

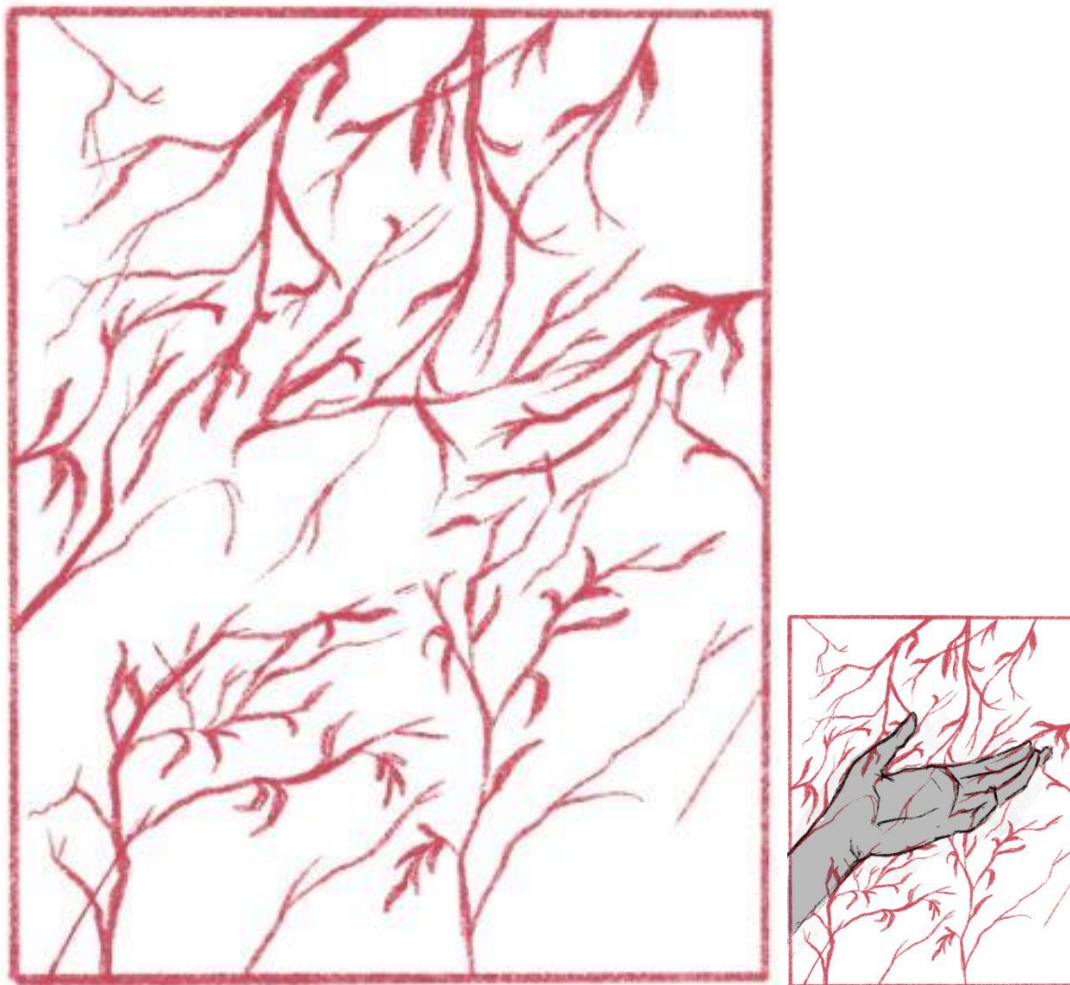
Exploration 01

First exploration is a simple geometric one where a face is embedded within the polygons. In this image the eyes are able to visually locate elements of the face in a global level.



Exploration 02

The simpler the image is, the more difficult it is to identify the embedded figure. In the exploration below there is nothing but branches. The exploration focused to create a Hand emerging out from the thin branches. But one is able to identify it only after being pointed out. As the details are fewer the image is much harder to pick out.



Exploration 03

Figure ground segregation is the ability to identify the boundaries or contour in an image. In the image below, a boundary appears between the leaves and the dark shadow within to create a side profile of the face. The change in the quality of luminance here allows us to identify the face due to depth. This exploration uses a range of greens so the embedded figure tends to blend in with the ground.



While exploring, a contrasting colour was tried out to understand the effect of embedded figures. Through this it is clear that as the figure that was to be embedded/ hidden stands out very clearly, i.e. the figure stands out from the ground and no longer confounded. And in this particular image, the area occupied by the figure also overpowers the effect.

