

### **VISUAL PERCEPTION**

**DR. AHMED ABDEL-RASOUL** DEPT. OF ACHITECTURE

## **GESTALT PRINCIPLES**

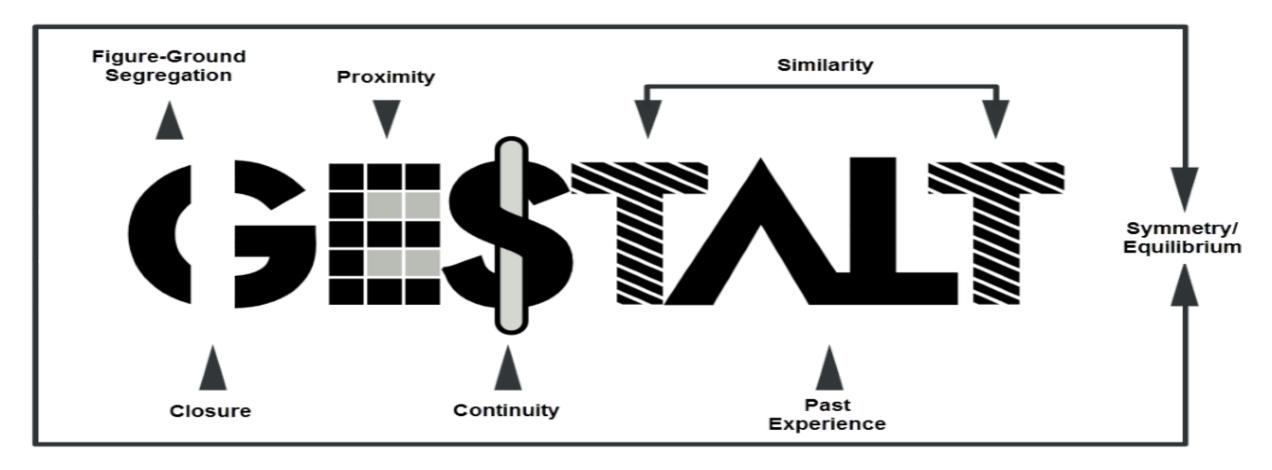
#### What are Gestalt Principles?



#### GESTALT PRINCIPLES

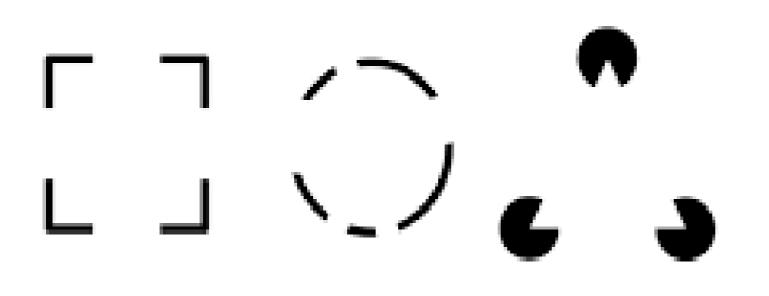
#### What are Gestalt Principles?

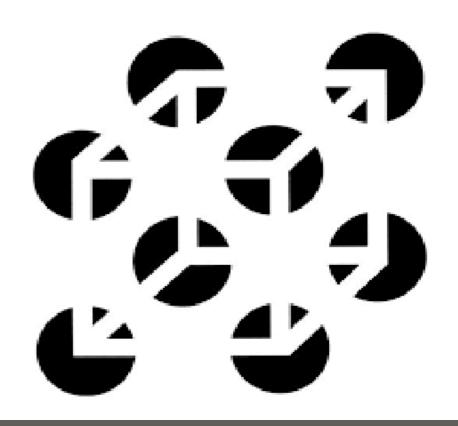
 A set of laws arising from 1920s' psychology, describing how humans typically see objects by grouping similar elements, recognizing patterns and simplifying complex images.



#### 1. CLOSURE PRINCIPLE

 Preferring complete shapes, we automatically fill in gaps between elements to perceive a complete image; so, we see the whole first.





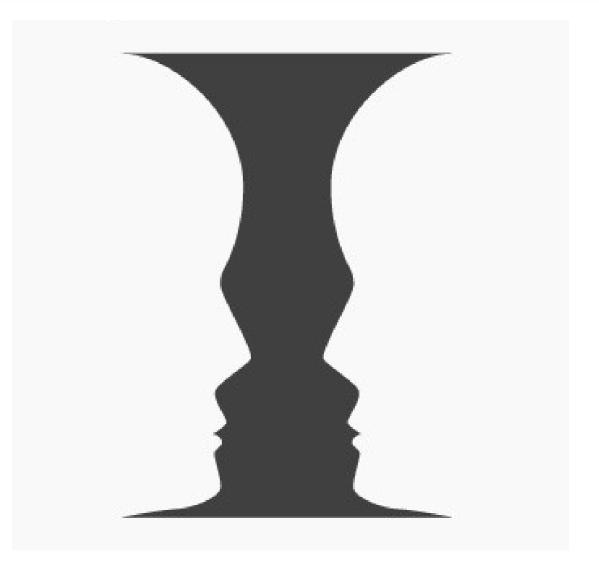
# CLOSURE PRINCIPLE

National Library of France Paris



# 2.FIGURE/GROUND PRINCIPLE

Disliking uncertainty, we look for solid, stable items. Unless an image is truly ambiguous, its foreground catches the eye first.



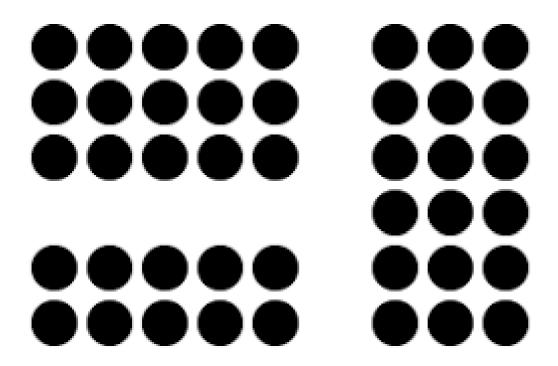
# FIGURE/GROUND PRINCIPLE

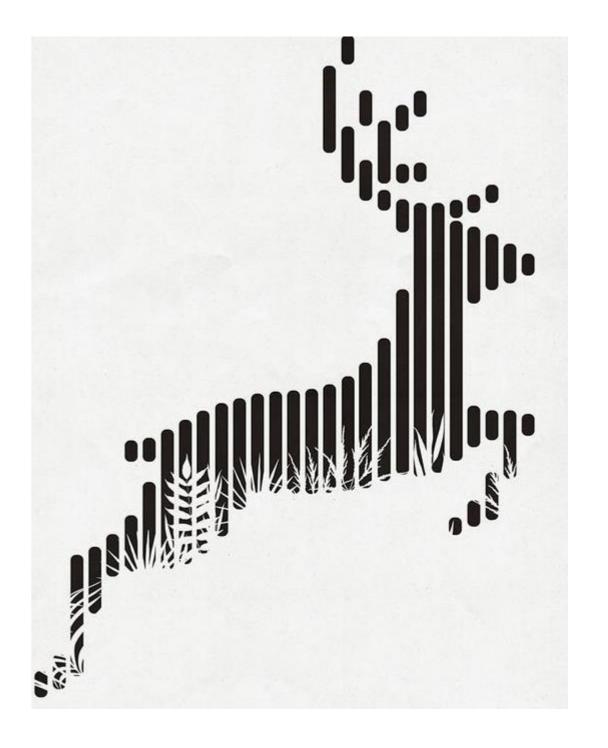
Network of Open Spaces



### 3.PROXIMITY PRINCIPLE

Unity leads to proximity: We group closer-together elements, separating them from those farther apart.





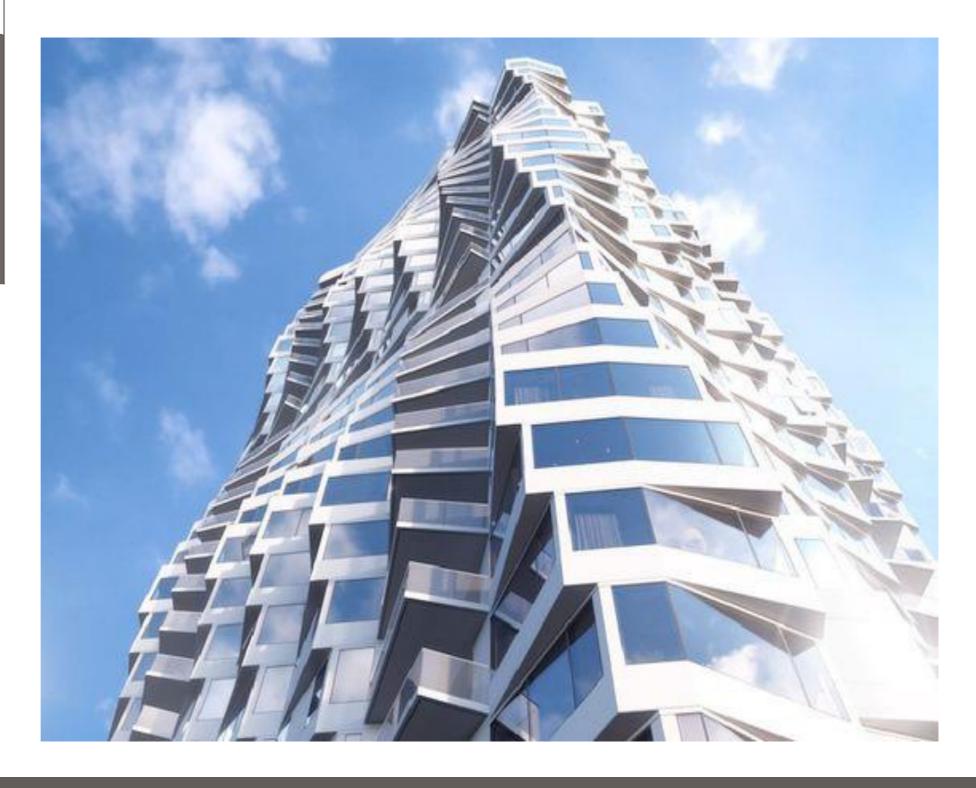
# PROXIMITY PRINCIPLE

Corridor as a set of arches



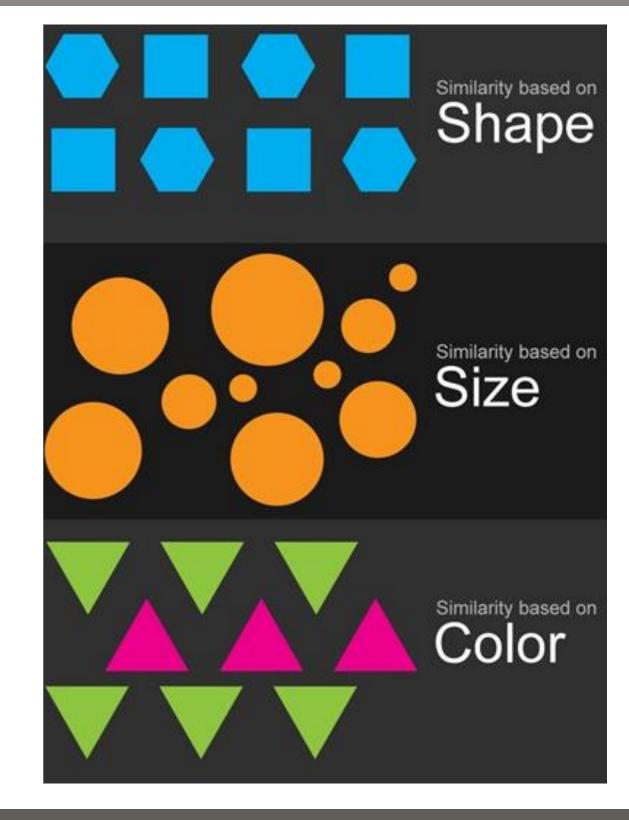
# PROXIMITY PRINCIPLE

The whole mass as a set of smaller masses



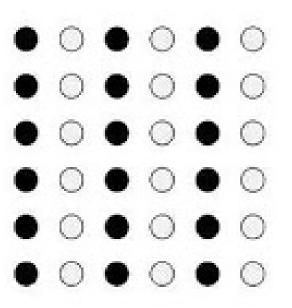
#### 4. SIMILARITY PRINCIPLE

The human eye tends to build a relationship between similar elements within a design. Similarity can be achieved using basic elements such as shapes, colors, and size.



### SIMILARITY PRINCIPLE

Sydney Opera





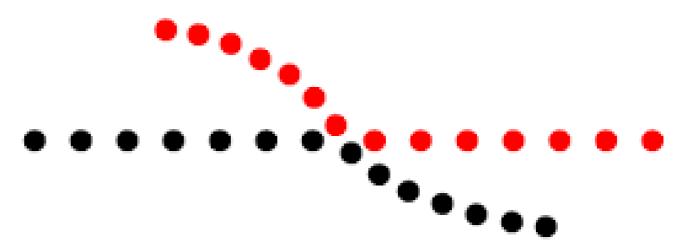
# SIMILARITY PRINCIPLE

Voids and Solids Similarity



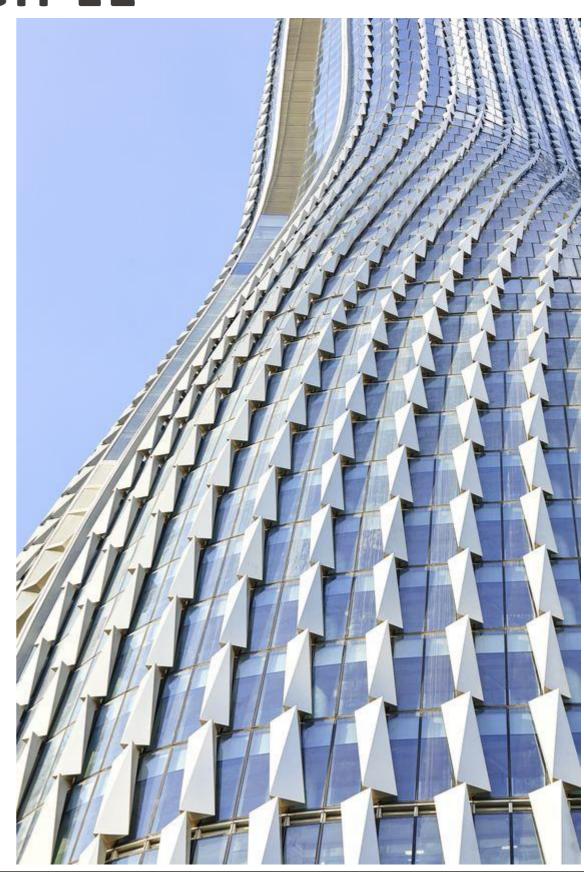
#### 5. CONTINUATION PRINCIPLE

The human eye follows the paths, lines, and curves of a design, and prefers to see a continuous flow of visual elements rather than separated objects.



# CONTINUATION PRINCIPLE

The whole as a set of the continuity of elements

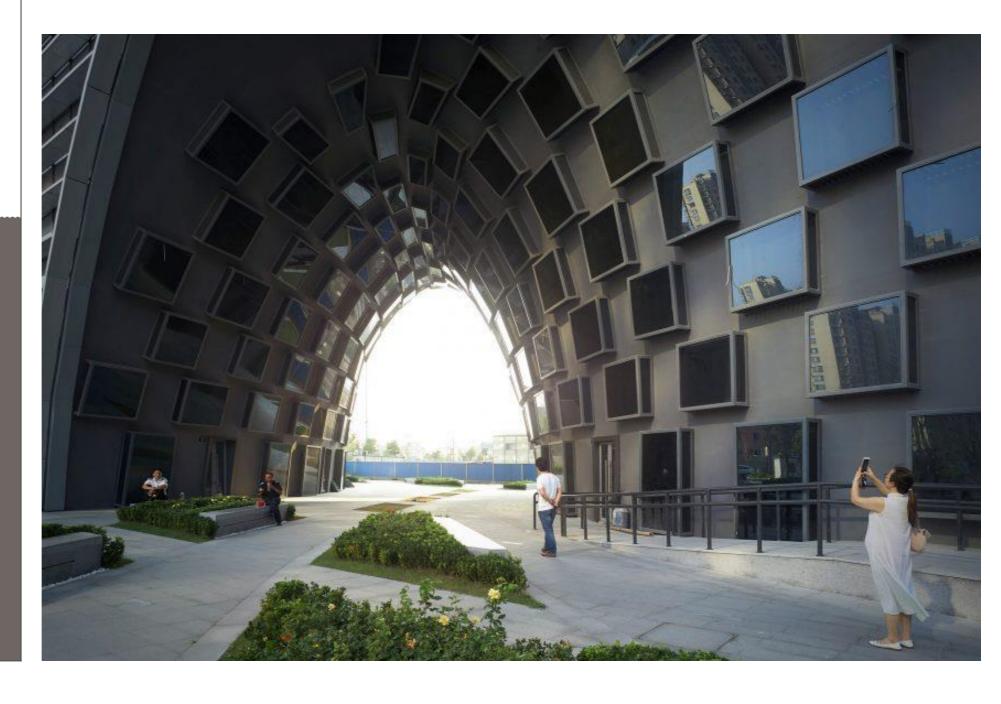


# CONTINUATION PRINCIPLE

The whole as a set of the continuity of elements



Continuation
Similarity
Figure/Ground
Fully Closured
Proximity



# Thank You