2.744



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Form



Woodie Flowers
flowers@mit.edu

Giving



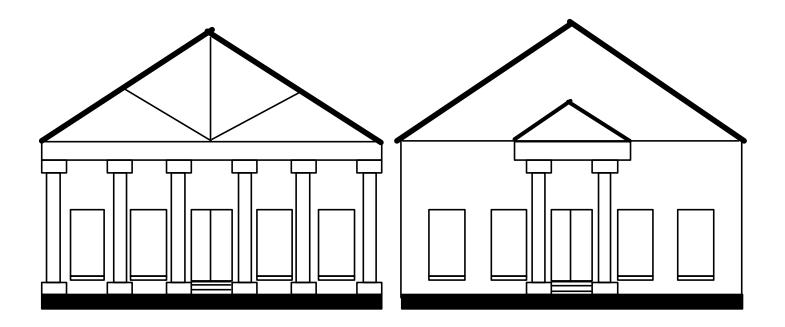
Charles Dumont dumont@mit.edu

Jacob Wronski wronski@mit.edu

Form is Function

Form Follows Function

Louis Sullivan





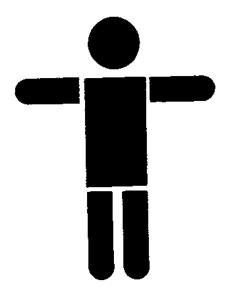


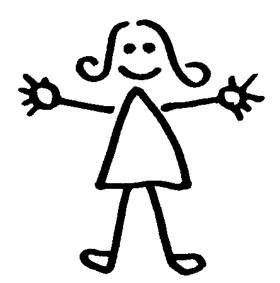
Form Follows Function

Tips for designing form

Structural Principles

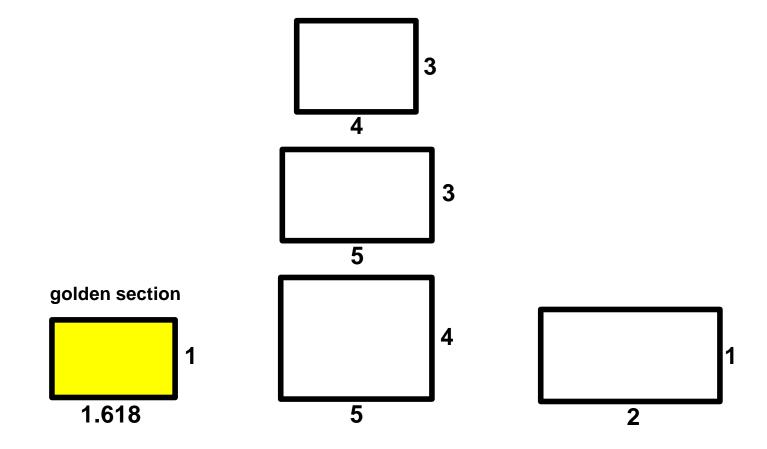
vs styling





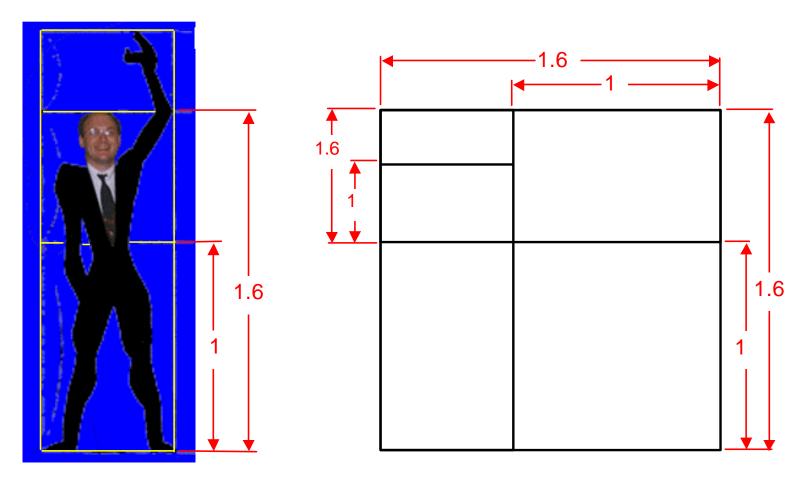
Structural Principles

Proportion



Consistency of Proportion

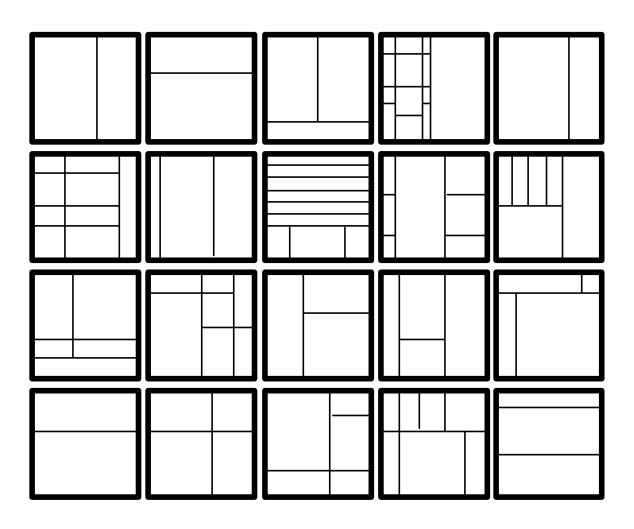
Le Modulor: Corbusier



Fundamental Unit = 1 Wallydraigle = 1.18 m Fundamental Number = 1.6 Wallydraigles

Consistency of Proportion

Combinatorial panel exercises









Structural Properties

Principle directions

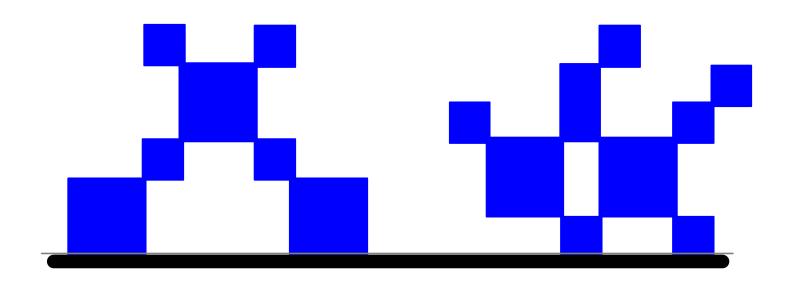


perception of width and height



Structural Principles

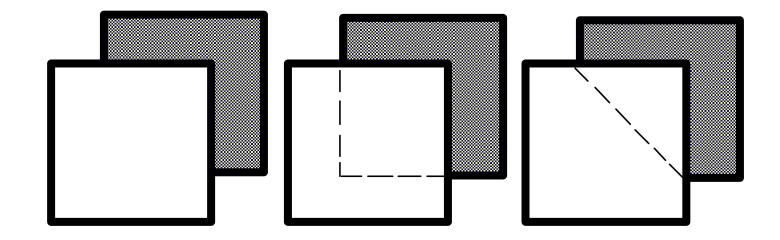
Visual balance





Perception

Principle of Pragnanz



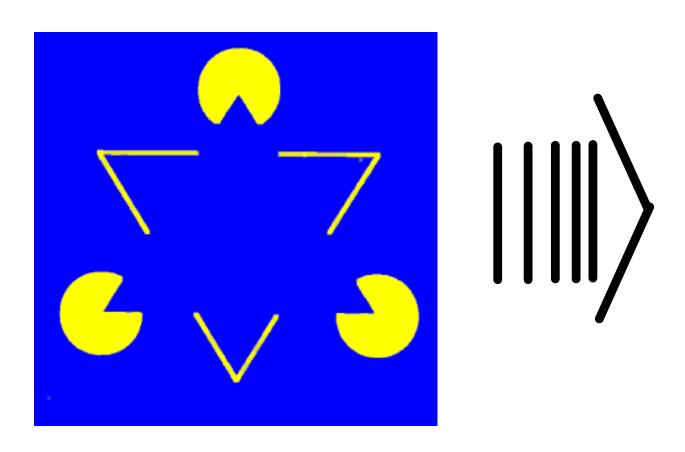
Principle of Pragnanz

Example



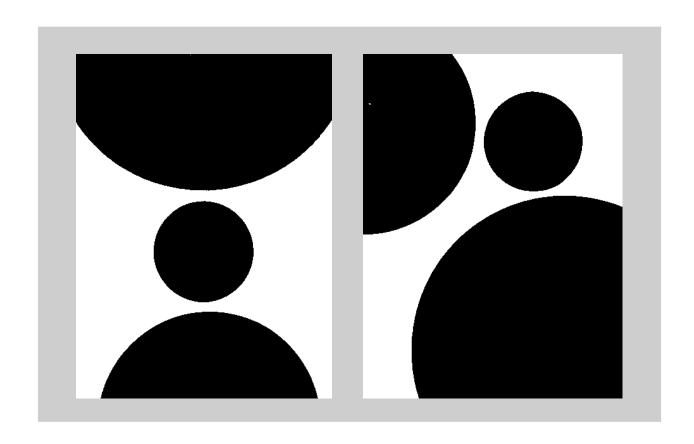
Principle of Pragnanz

Positive/negative space



Form Design

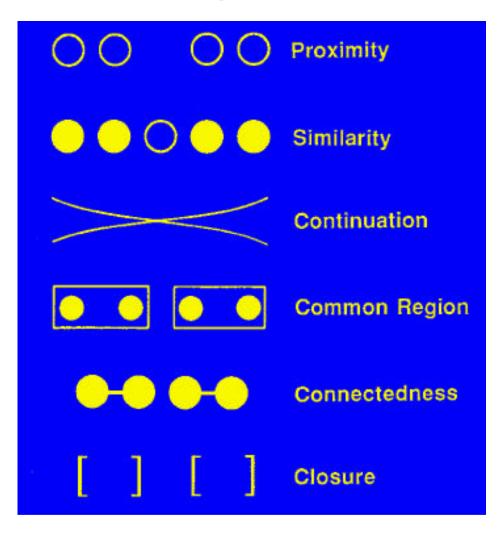
Balanced positive/negative space





Grouping Laws

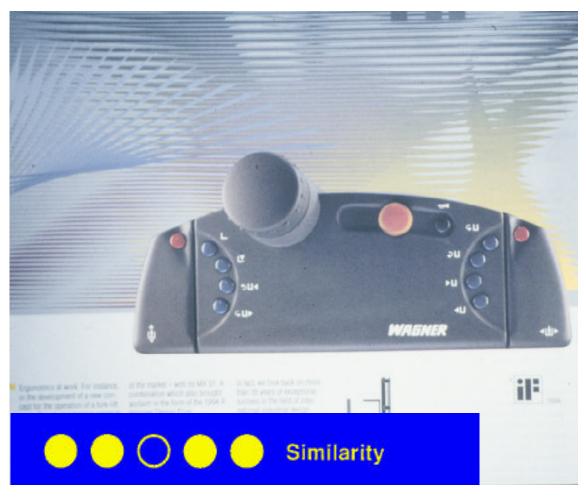
Simplify using the principle of Pragnanz



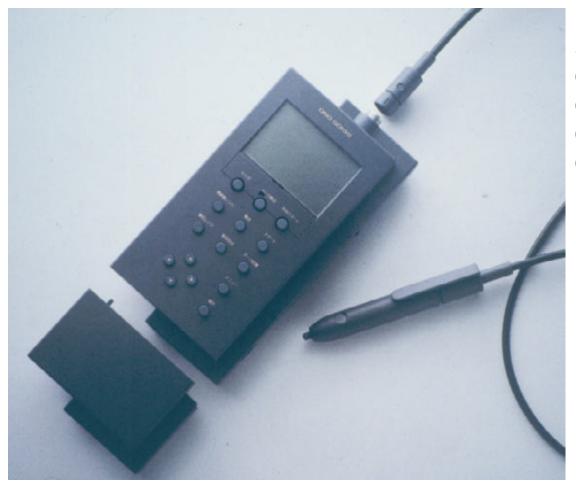
O O Proximity



Continuation







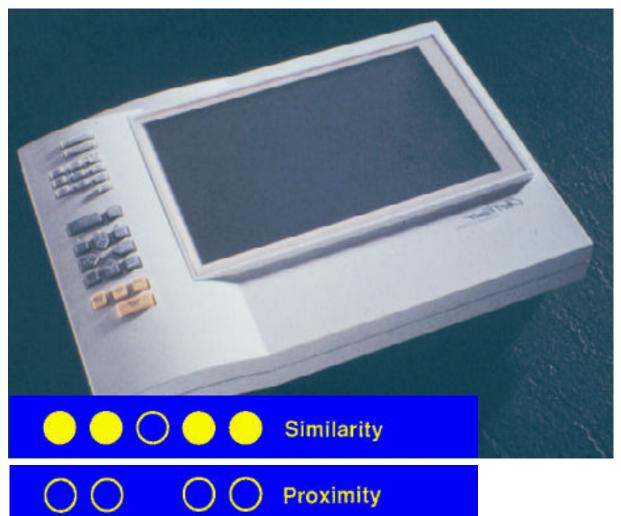






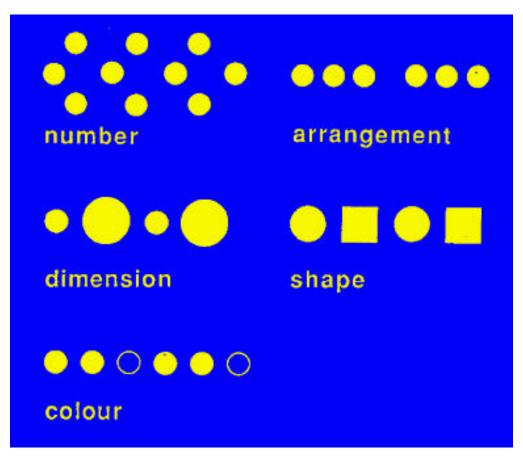


[] Closure



Structure Principles

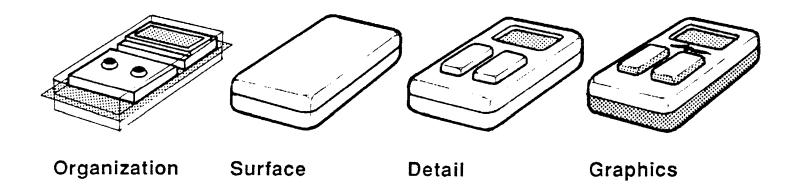
Theme rythms



unity predictability interest

Form Giving Process

Organization and styling

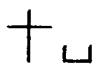


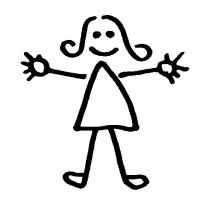
Styles

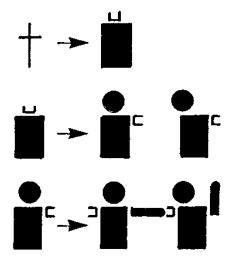
Coherent shape vocabulary

styled shapes







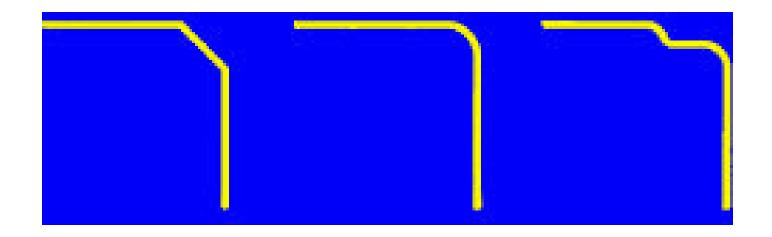


Primitives (alphabet)

Non-terminal characters

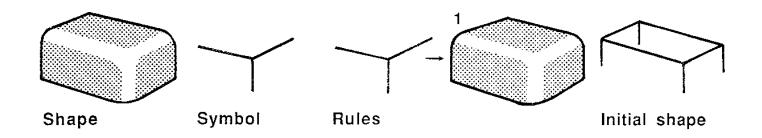
Re-write rules

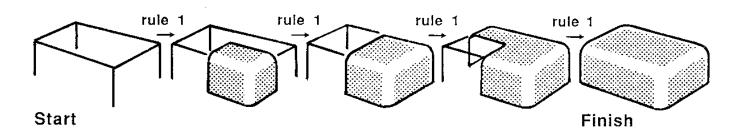
StylesCharacteristic corner details



Styles

Systematic application of details





Form Giving

Organization principles but...

Observe Illusions are commonplace

