

BASIC 5 Ways to See the Architecture of Complex Systems

*Here, then, is what I wanted to tell you of my architecture.
I created it with courage and idealism, but also with an awareness of the fact that
what is important is life, friends, and attempting to make this unjust world a better place in which to live.*

—Oscar Niemeyer

Boundaries

WHAT THINGS ARE

Absence
Border
Collision
Edge
Gap
Graft
Joint
Rift
Seam
Transition

Associations

HOW THINGS CONNECT

Allusion
Antecedence
Connotation
Entailment
Hetero/Homogeneity
Metaphor
Progenesis

Situations

WHERE THINGS ARE

Adjacency
Down-ness
Emplacement
Juxtaposition
Nesting
Up-ness

Invariants

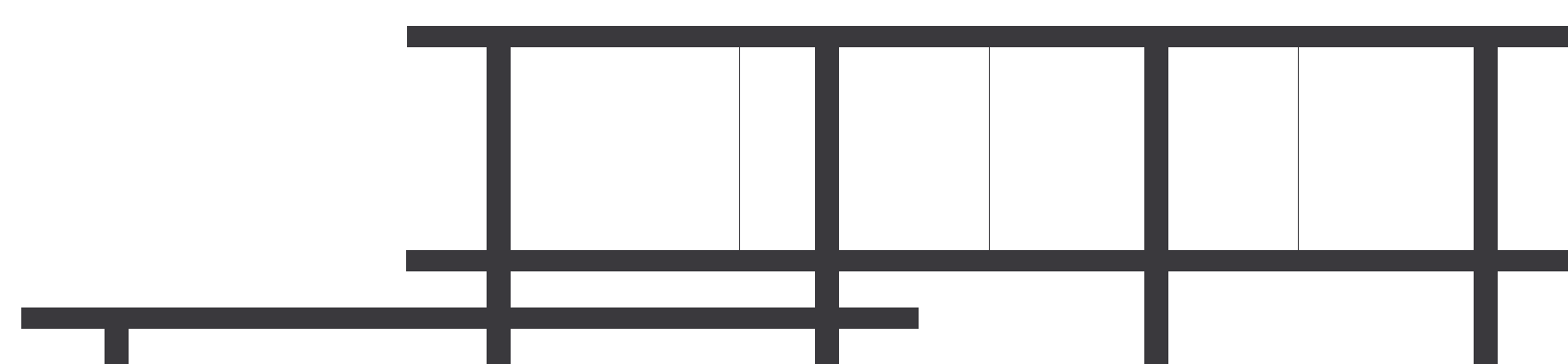
CONSTANT FORCES

Entropy
Friction
Gravity
History

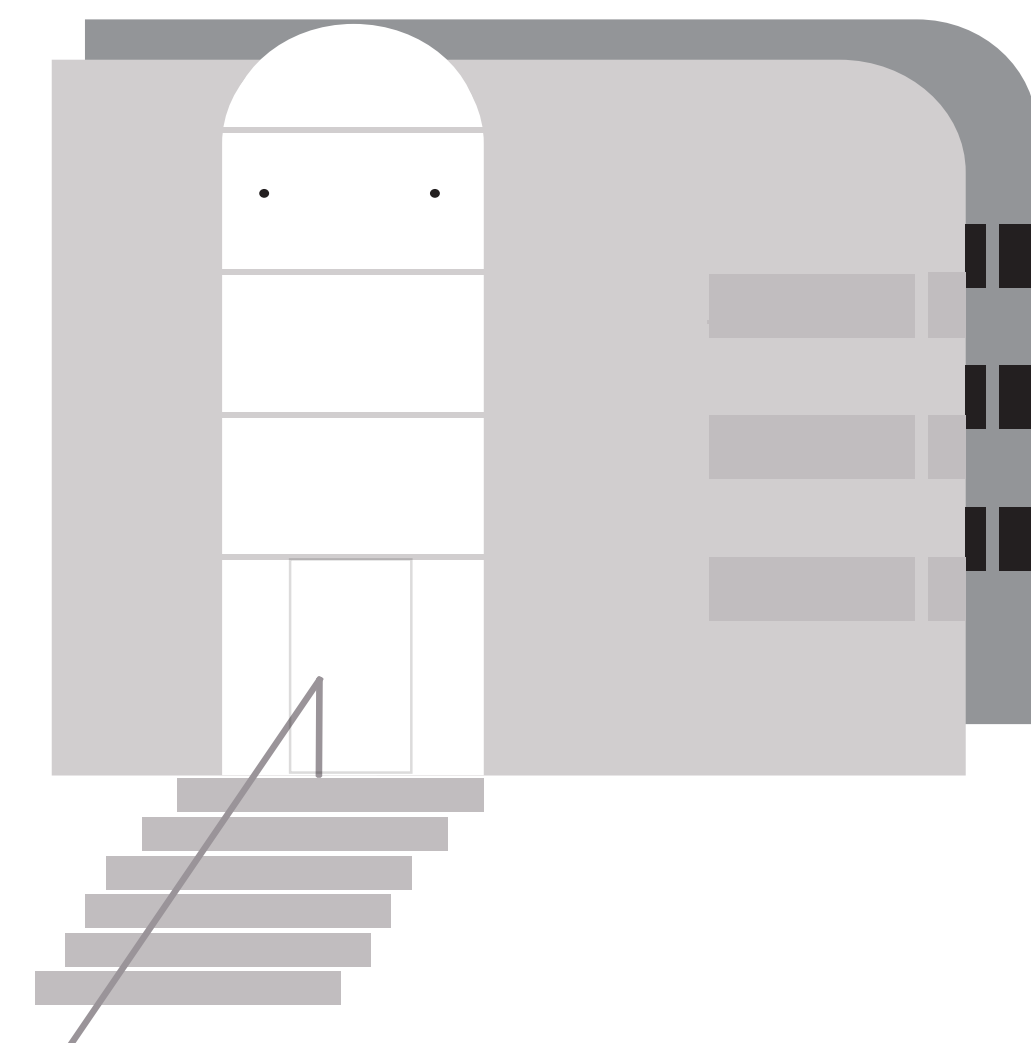
Cycles

VARIABLE FORCES

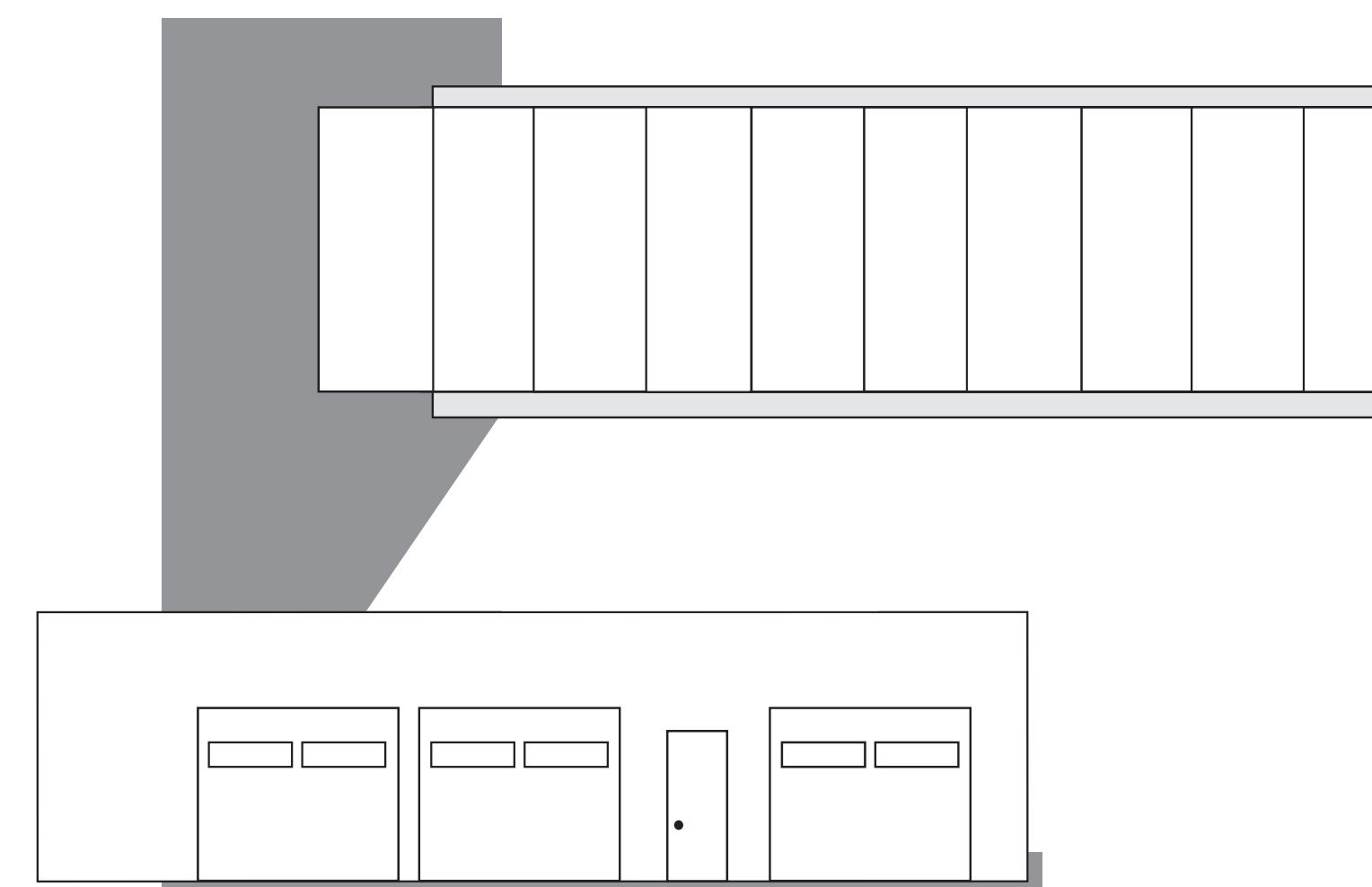
Demand
Fashion
Season
Supply



Edith Farnsworth House 1951



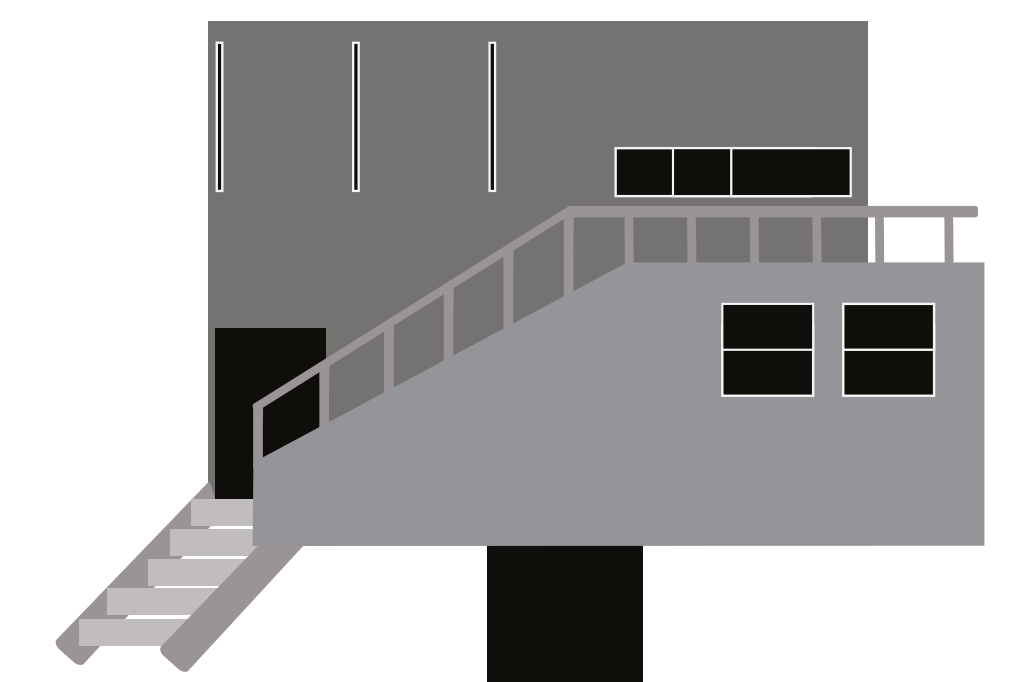
Howard Miller Clock Company 1992



Lamar Construction 2006



Seattle Garage circa 2000



Sandcastles 1966

Cycles
Invariants
Situations
Associations
Boundaries

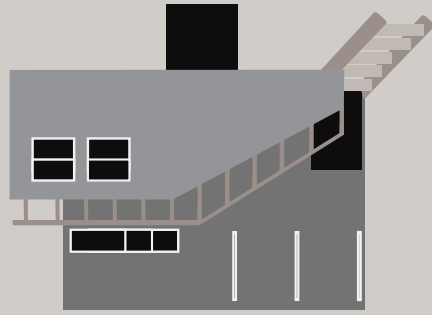
BASIC
 5 Ways To See The Architecture
 Of Complex Systems

*Now that you
 can see the architecture*

*what are you
 going to do
 about it?*

hello@understandinggroup.com

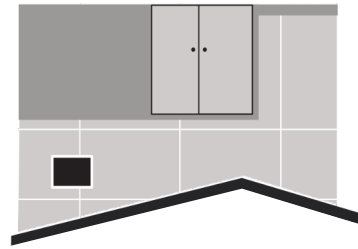
Sandcastles 1966



Demand Fashion
 Season Supply

Cycles
 VARIABLE FORCES

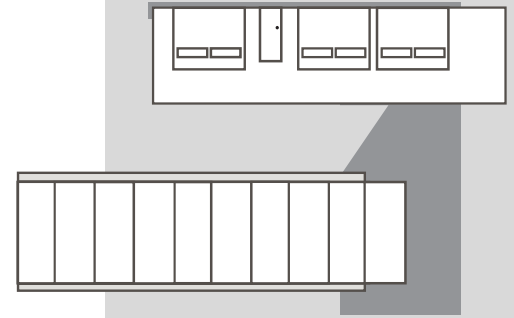
Seattle Garage circa 2000



Entropy
 Friction
 Gravity
 History

Invariants
 CONSTANT FORCES

Lamar Construction 2006

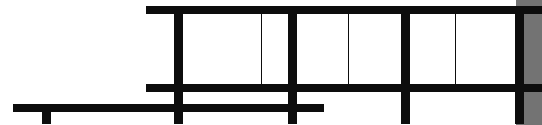


Adjacency
 Down-ness
 Nesting
 Emplacement
 Up-ness
 Juxtaposition

Situations
 WHERE THINGS ARE

Boundaries
 WHAT THINGS ARE

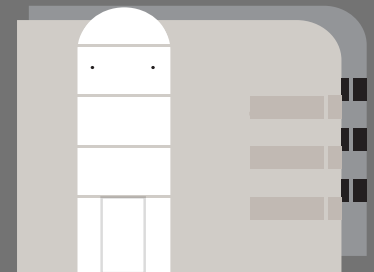
Absence Graft
 Border Joint
 Collision Rift
 Edge Seam
 Gap Transition



Edith Farnsworth House 1951

Associations
 HOW THINGS CONNECT

Allusion Hetero/Homogeneity
 Antecedence Metaphor
 Connotation Progenesis
 Entailment



Howard Miller Clock Company 1992

BASIC

5 Ways To See The Architecture
 Of Complex Systems

Draft Framework
 by Dan Klyn

v2.2

BASIC

5 Ways To See The Architecture Of Complex Systems

WHAT THINGS ARE

Edge

Joint

Graft

Border

Rift

Collision

Seam

Transition

Absence

Gap

Series
of
nodes
and
edges

Edith Farnsworth House 1951

TUG

<https://understandinggroup.com/basic>

BASIC

5 Ways To See The Architecture Of Complex Systems

HOW THINGS CONNECT

Allusion

Entailment

Metaphor

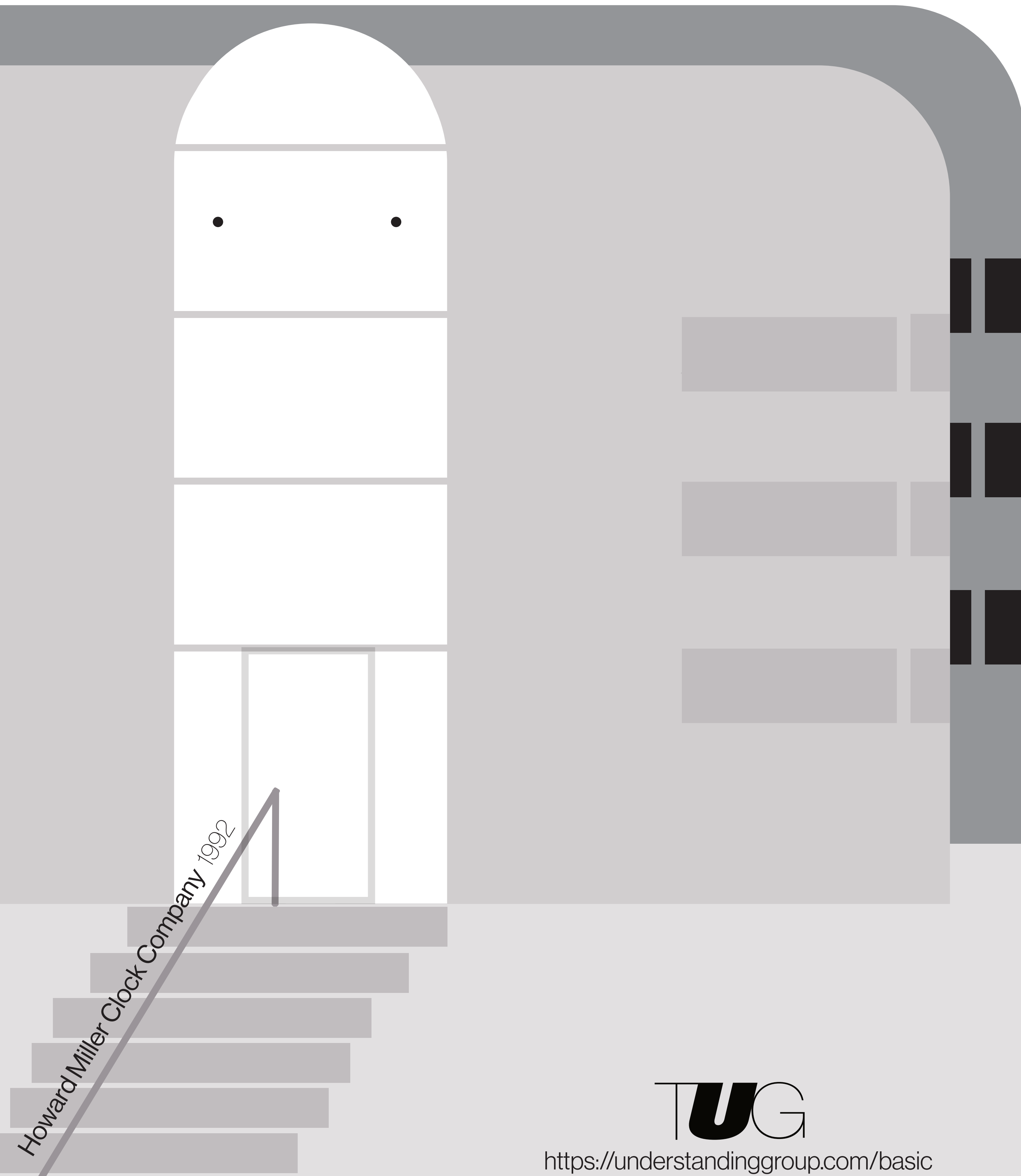
Antecedence

Hetero/Homogeneity

Connotation

Progenesis

Associations



Howard Miller Clock Company 1992

TUG

<https://understandinggroup.com/basic>

BASIC

5 Ways To See The Architecture Of Complex Systems

WHERE THINGS ARE

Up-ness

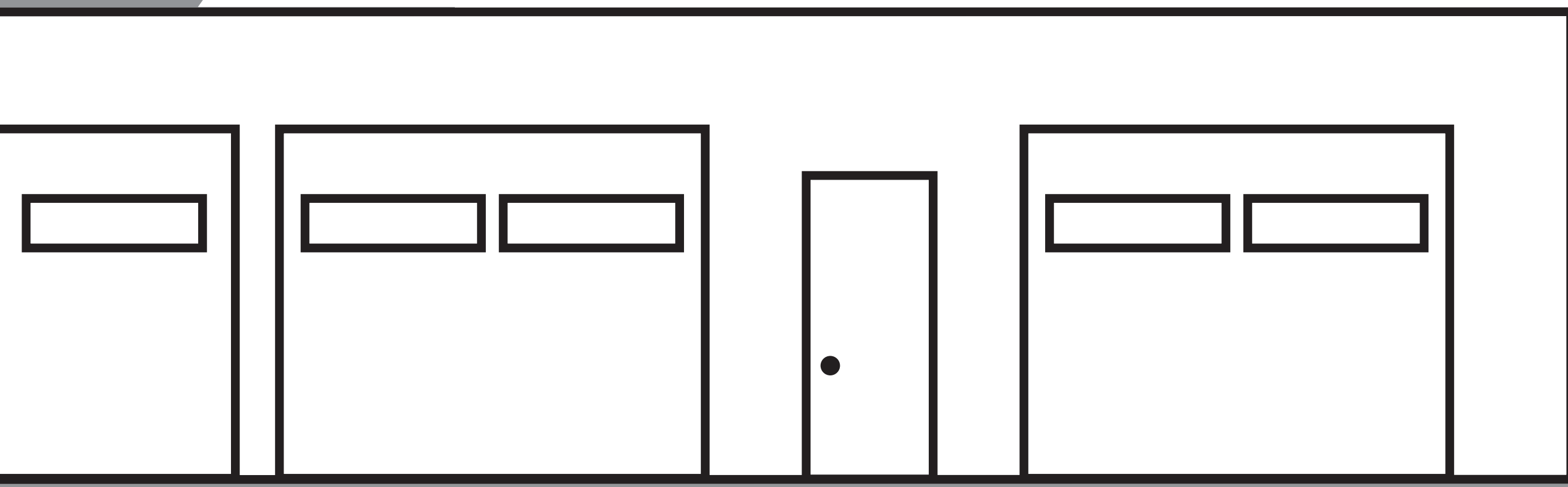
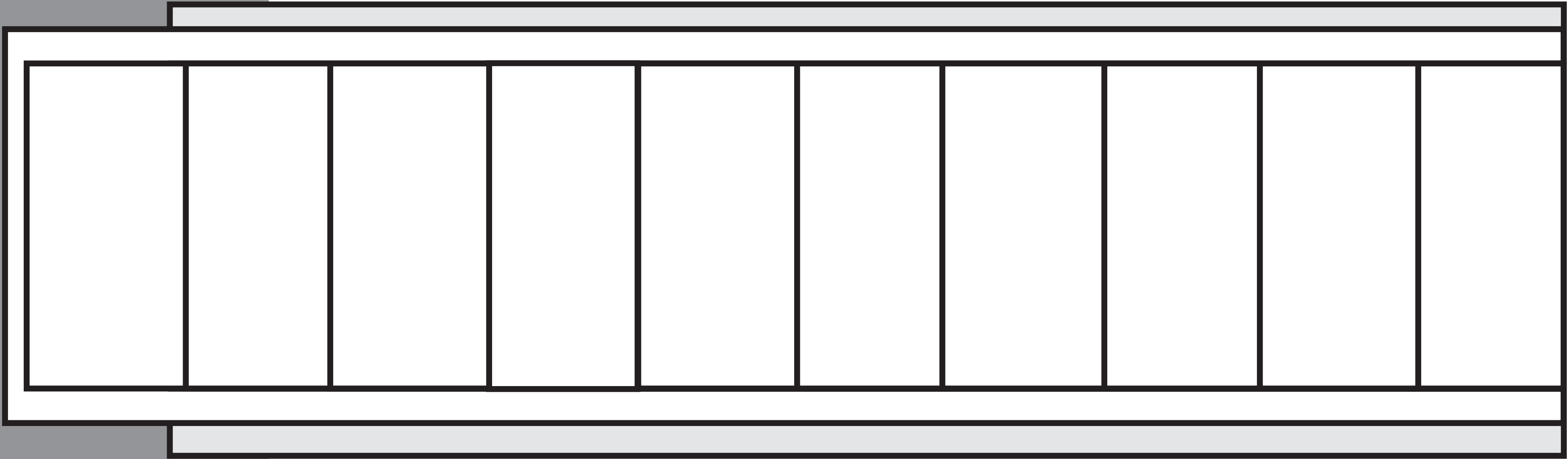
Emplacement

Adjacency

Down-ness

Juxtaposition

Nesting



s
n
o
t
i
o
n
s

Lamar Construction Company 2006

TUG

<https://understandinggroup.com/basic>

BASIC

5 Ways To See The Architecture Of Complex Systems

CONSTANT FORCES

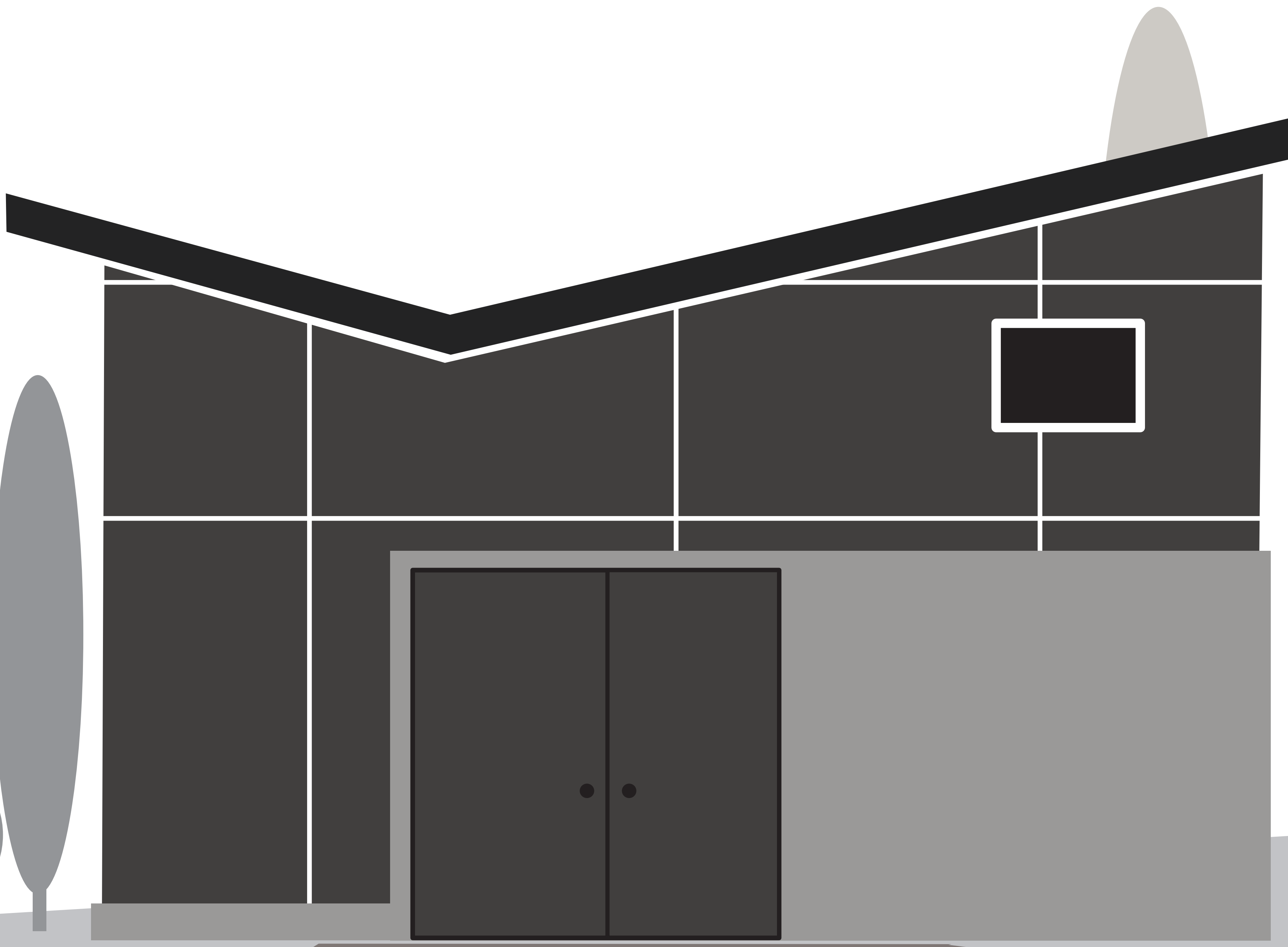
History

Gravity

Entropy

Friction

Statistics



Seattle Garage circa 2000



<https://understandinggroup.com/basic>

BASIC

5 Ways To See The Architecture Of Complex Systems

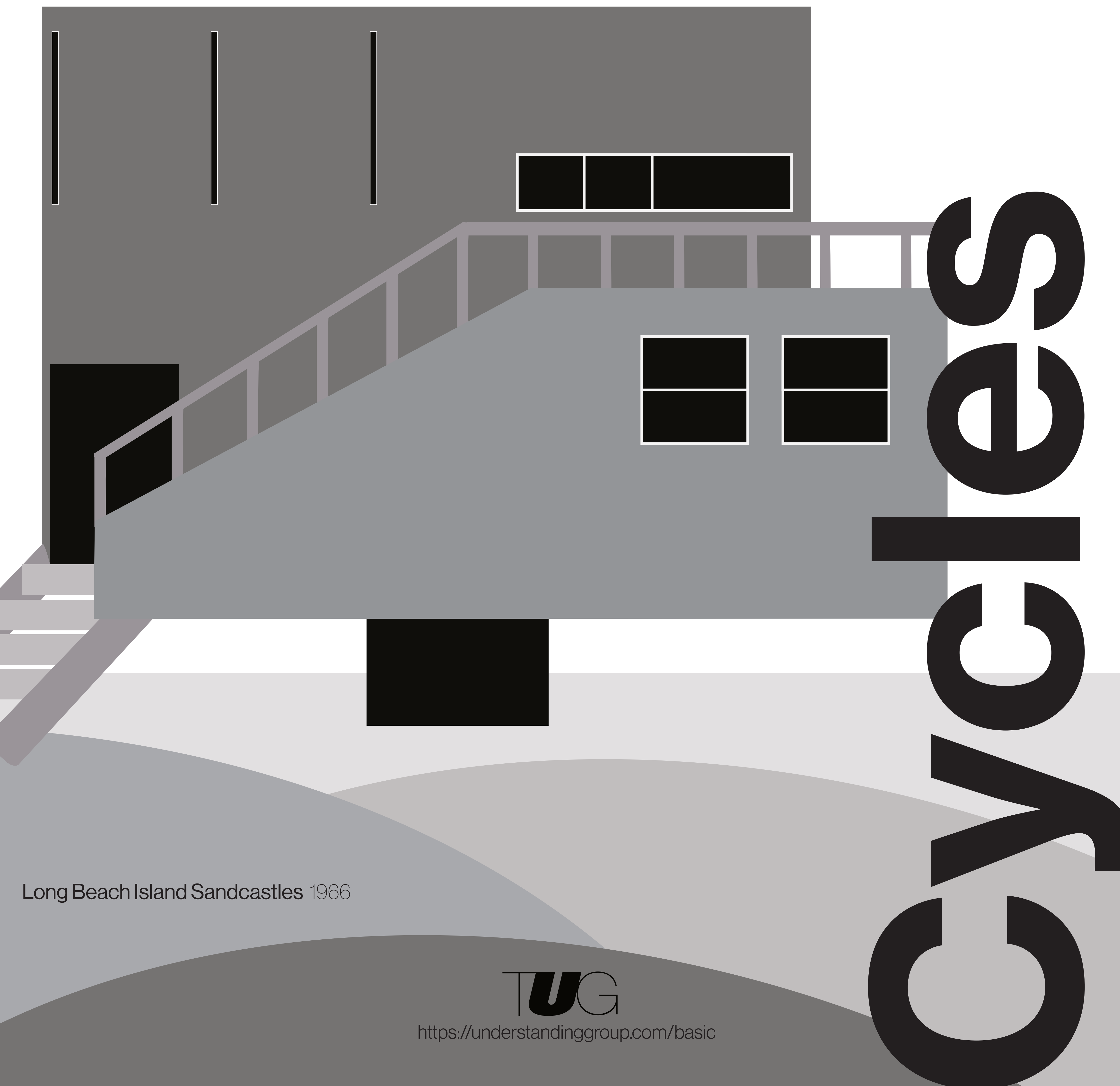
VARIABLE FORCES

Season

Fashion

Supply

Demand



Long Beach Island Sandcastles 1966