

MINIMALISM ARCHITECTURE

Lecture 3

INTRODUCTION

⊙ Minimalist design is any design where in the **simplest and fewest element** are used to create the **maximum value**.

- *Local*: U.S. In 1960's-70's
- *Form*: Abstract, Geometric Modules
- *Look*: Clean, Bare, Simple
- *Technique*: Machine-made
- *Meaning*: You Be The Judge

CONT'...

- ◉ Minimalist architecture designers focus on the connection between **two perfect planes** ,**elegant lighting** , and the **void spaces** left by the removal of **three-dimensional** shapers in an architecture design.
- ◉ It was the reaction to abstract expressionism



PHILOSOPHY

- ◉ Eliminate emotion, meanings and indications
- ◉ Creation of singularity
- ◉ Move away from alternate perceptions
- ◉ Less is more



John Pawson

CONCEPTS AND DESIGN ELEMENTS

- ◉ Minimalist architects not only consider the **physical qualities of the buildings** but also look deeply into the **spiritual dimension and the invisible**, by listening to the details , people, space ,nature and materials.
- ◉ The considerations for “**essences**” are light ,from, detail of material ,space , place and human condition.



ANTOINE PREDOCK

CONT'...

- ◉ using white elements, cold lighting, and large space with minimum objects and furniture



LESS IS MORE

INTERIORS AND DECORS

- ◉ The amount of **accessories and details** should be minimal.
- ◉ Deliberate removal of decoration...focused on creating a **purely visual piece** , not concerned with **hidden or deeper meaning**.



MINIMALISM MODERN LIVING ROOM



MINIMALISM MODERN STAIRCASE

CONT

- ◉ element of this style is attention to **shape ,color and texture** .planning doesn't suppose **dividing into rooms** ;furniture ,cloth or glass partitions play the **role of separators**.
- ◉ Shiny surfaces and straight lines. Details should be made of **stainless steel or chrome**.



DESIGN ELEMENTS

- ◉ In minimalist architecture, design elements convey the message of simplicity.
- ◉ The basic geometric forms, elements without decoration, simple materials and the repetitions of structures represent a sense of order and essential quality.
- ◉ The movement of natural light in buildings reveals simple and clean spaces.

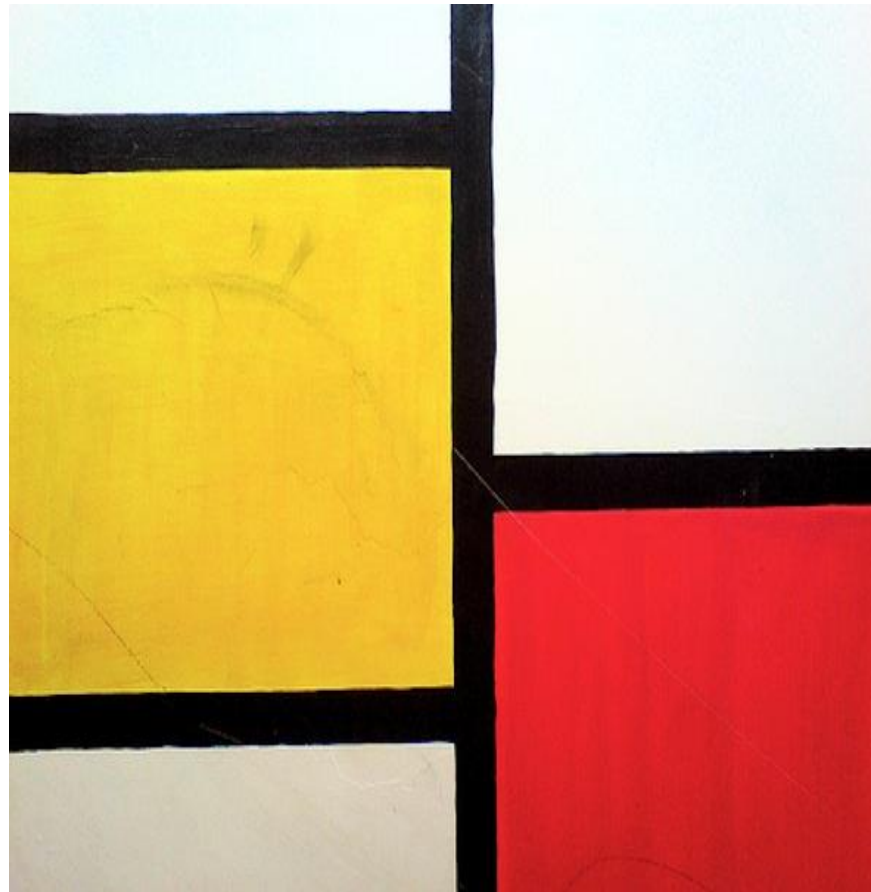


ROOTS OF MINIMALIST DESIGN

- ◉ minimalist design was influenced by certain things that came before it. Specifically, what influenced minimalist design was:
 - I. The De Stijl art movement
 - II. Architects like Van Der Rohe
 - III. Traditional Japanese design

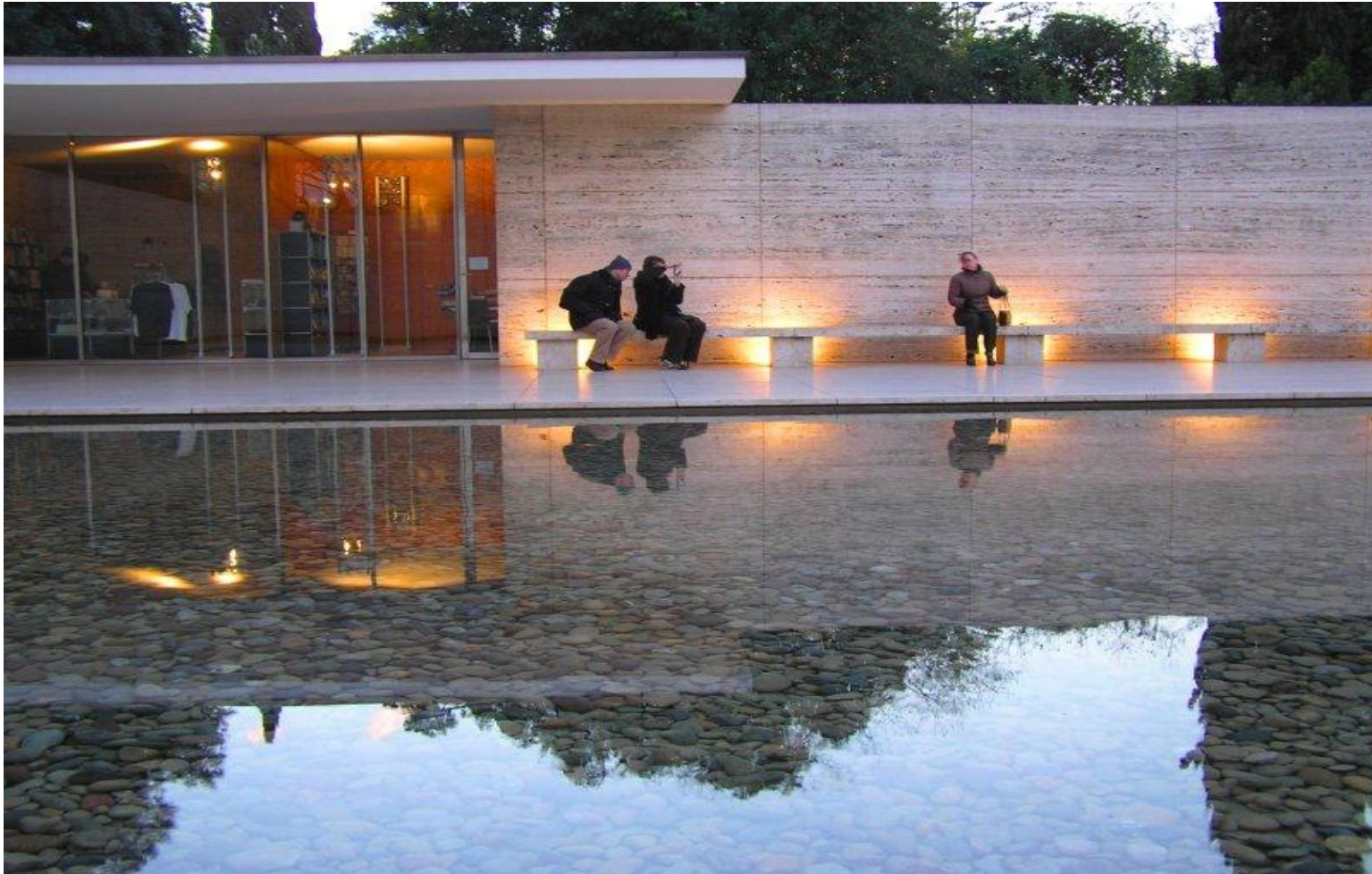
I. DE STIJL

- De Stijl expanded the ideas that could be expressed by using **basic elements** such as **lines and planes** organized in very **particular manners**.



II. VAN DER ROHE

- ◉ Van der Rohe strived for simplicity and clarity in his architectural designs by:
 - Using **modern materials** like steel and plates of glass
 - Having a **minimal structural framework**
 - Including **lots of open space**



***Barcelona Pavilion
The reconstruction of Ludwig Mies van der Rohe's German
Pavilion in Barcelona***

III. TRADITIONAL JAPANESE DESIGN

- ◉ Minimalist design has been highly influenced by Japanese traditional design and architecture
- ◉ The idea of simplicity appears in many cultures, especially the Japanese traditional culture of Zen Philosophy. Japanese manipulate the Zen culture into aesthetic and design elements for their buildings.

CONT

- ◎ **Zen concepts** of simplicity transmit the ideas of **freedom and essence of living**. Simplicity is not only **aesthetic value**, it has a **moral perception** that looks into the nature of truth and reveals the inner qualities of materials and objects for the essence



CHARACTERISTICS

1. Minimalist elegance. Playful, mysterious forms



CONT...

2. Brightness



CONT...

3 reach **harmony and make order** by using **natural symmetry**. Shapes and patterns are being **repeated and aligned**



SOME FAMOUS MINIMALISM ARCHITECTS

- ◉ Tadao ando(japan,1941)
- ◉ Alberto campo baeza (spain,1946)
- ◉ Luis barragagan(mexico,1902-1988)
- ◉ John pawson (uk,1949)
- ◉ Antoine predock(USA,1936)
- ◉ Claudio silvestrian (italy,1954)
- ◉ Alvaro siza vieira (portugal,1933)
- ◉ Peter zumthor (switzerland)

EXAMPLES



Church of the Light, Osaka, Japan, 1999



Wabi House, Puerto Escondido, México, 2016



Donald Judd's House, New York, USA, 1968

Okinawa House, Okinawa,
Japan, 2013 -2016



Neuendorf House, Mallorca,
Spain, 1987-1989

THANK YOU