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History of Architecture: 1900 to Present (ARCH 2321)

September 11th, 2018

Assignment 2:

The Futurists and the Modernism

The Futurists

The futurist's movement in architecture was an artistic movement that started in the 20th century that rejected the traditional aesthetic and tried to enhance contemporary life, based on its two dominant themes: the machine and movement. Its purpose was to awaken the world of cultural apathy in which it had been submerged since the end of the eighteenth century, attacking museums and academies, the cult of the old and all the art of other times.

Futurism demanded the constitution of a new artistic concept based on speed, which they understood as the fundamental characteristic of modern life.

The members of the Futurist Movement presented in architecture a utopian project, supported in the New City, where the measure would no longer be given by the building, but by the urban structure, betting on the new architectural typologies, such as train stations and airports, electrical, stepped houses with elevators. They thought of a new vertical and mechanical world, which would be connected by networks of iron and glass elevators.

The problem of futuristic architecture does not focus on changing the constructive details, of differentiating the old from the modern building, but of creating a futuristic house adopting all the resources that science and technology offer. Create new shapes, and lines, a harmony in the contours and volumes. It is about creating an architecture whose only justification is in the conditions of modern life. This architecture must be new, as is the mood of the people.

Characteristics of the Futurist Architecture:

1 - *It is the architecture of calculation, reckless audacity and simplicity; the architecture of reinforced concrete, iron, glass, cardboard, textile fiber and all substitutes for wood, stone and brick, which allow maximum elasticity and lightness.*

2 - *The oblique lines and the elliptical lines are dynamic, which by their very nature have an expressive power a thousand times greater than that of the horizontal and perpendicular lines.*

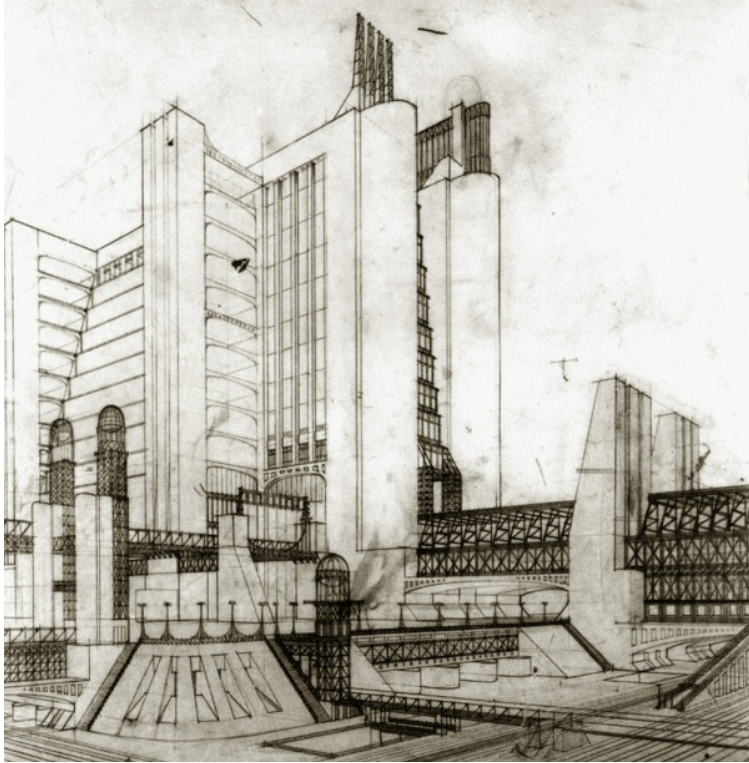
3 - *Decoration, as something superimposed on architecture, is an absurdity, and only the decorative value of futuristic architecture depends on the use and the original disposition of the raw or seen or violently colored material.*

4 - *Just as ancient men were inspired, for their art, in the elements of nature, futuristic architecture must find that inspiration in the elements of the new mechanical world that has been created.*

5 - *The architecture as art of distributing the forms of the buildings according to pre-established criteria is finished.*

6 - *Architecture must be understood as the effort to harmonize the environment and man with freedom and great audacity, that is, to turn the world of things into a direct projection of the spirit world.*

7 - *The fundamental characters of futuristic architecture will be the expiration and the transience. Houses will last less than we will. Each generation must make its city. This constant renewal of the architectural environment will contribute to the victory of Futurism that is already imposed with the Words in freedom, the plastic Dynamism, the Music without square and the Art of the noises, and for which we fight without truce against the cowardly prolongation of the past.*



Antonio Sant' Elia



Josef Hoffmann

Modernism

Modern architecture is characterized by a simple design, straight lines and no ornamentation. The characteristics of modern design is to focus on function, simplicity and order.

Simplicity is the biggest attraction in modern architectural design. A house design free of unnecessary elements and an image of order and neatness are aspects that architectural professionals usually evaluate right at the beginning of a project. Only those elements that are relevant to the form of the architecture and have a specific purpose are included. Even people looking for a modern design believe that "less is more" and a simple, clean and functional house is sure to please everyone.

Transparency is another vital feature of modern architectural design. And it emerges from the idea that if a particular design form has been chosen, everything in the house must be combined to reveal it.

Whether it is a log cabin, a bamboo house or any other type of property, modern architecture tends to bring uniformity within the house in order to make the design more transparent and complete in all aspects.

Box houses, together with large glass windows, look very attractive from the outside. Each element of the house helps architects to create a linear design, such as windows, beams, chimneys, ceilings and stairs. Linearity is a feature that is very important in modern house designs and goes a long way to give the project an elegant appearance.

Unlike the large triangular roofs that used to be part of traditional architecture, modern designs are based more on multiple lines based on the specific needs of different rooms in the house. This feature brings uniqueness, complexity and an easy-to-use style that together enhances the beauty of the house.

Exterior and interior, together they make a house a home. While interiors are undoubtedly a vital segment, the landscape surrounding the house is no less important. It is that section that will help you connect with nature; It is the place where you can spend your leisure hours rejuvenating your mind, body and soul.

Landscape design is a completely separate segment and requires a great deal of skill on the part of the architect. This is a modern landscape design with straight lines, order and glass.

Talking about modern architectural design is also talking about lighting. The use of different varieties of lights is one of the main characteristics of a functional house design.

Architects make use of different types of light, such as wall lamps, pin lights, spotlights, etc., depending on the specific objective of each light in different corners of the house. This is not only to enhance the beauty of the house, but also to give it a more personalized design.



William Cam Allen



Frank Lloyd Wright