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Role and Essence of Perspective for Architects and Designers

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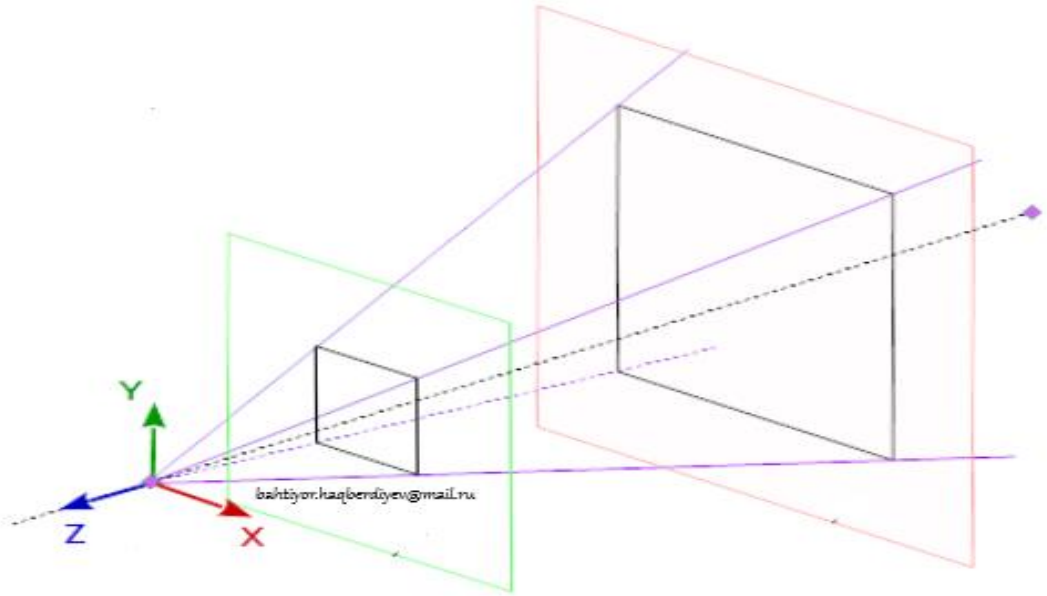
Abstract: This article covers the way in which the design of buildings and structures is described on a two-dimensional surface, in a three-dimensional view it is called architectural perspective, this method is considered one of the types of perspective and is considered important for architects and designers, and the main emphasis in it is on ensuring visual accuracy of design and architectural elements.

Keywords: This article covers the way in which the design of buildings and structures is described on a two-dimensional surface.

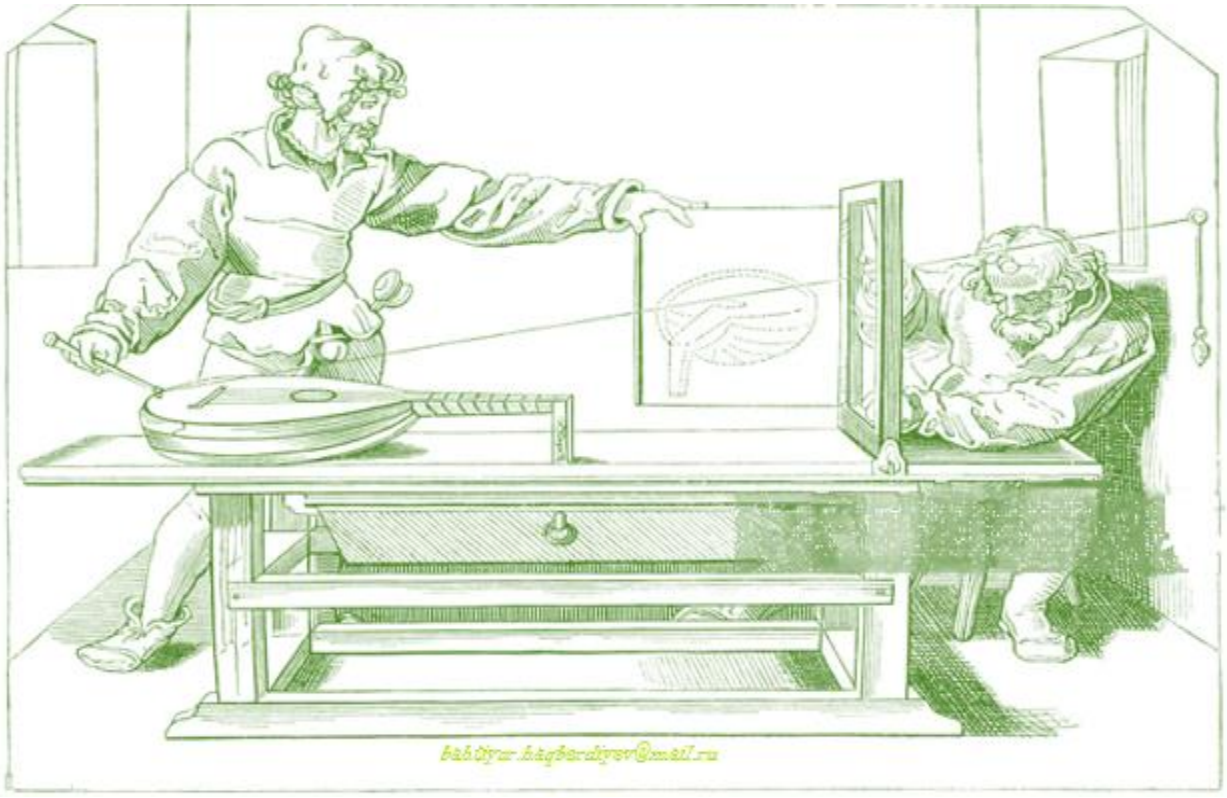
Introduction: The representation of the objects around us as they appear to our eyes, in their original form, and the study of the laws of this state led to the formation of the science of perspective. Perspective is a French word meaning la Perspective-to look into the distance, and perspictor is Greek, meaning to see straight and clear through a mirror conduction. The representation of the objects around us as they appear to our eyes, in their original form, and the study of the laws of this state led to the formation of the science of perspective.

Perspective is a French word meaning la Perspective- to look into the distance, and perspictor is Greek, meaning to see straight and clear through a mirror. For example, the round parts of various jugs and buckets in a general situation are in the position of an ellipse or a straight line, while railway rails parallel to each other seem to meet at one point as they move away from us [1.98 p]. Therefore, an image made by the method of central projection, taking into account the nature of human vision, is called perspective Figure 1.



1-figure

"In a treatise on color representation, a draftsman must first study perspective, and then copy the works of the most skilled artists", said the famous artist, inventor, engineer L. da Vinci [2. 11 p). Italian mathematician and artist P., who based on mathematics revealed in detail the participation of perspective in art Della Francesca in the textbook "on the color perspective". German mathematician A., Best known for his books on several pespetiva Durer said that "perspective is an important tool for an artist to portray the world in a realistic and convincing way". He considered perspective not only as a technical rule, but also as an important element of art. The scientist showed the perspective using geometric methods A. Yemetsky is a mathematician, best known for his books on several pespetiva Durer said that "perspective is an important tool for an artist to portray the world in a realistic and convincing way". He considered perspective not only as a technical rule, but also as an important element of art. The scientist showed the perspective using geometric methods. He developed methods for accurately calculating linear perspective, shadows, and proportions. Studying these works and the previous experience left by our ancestors can help us determine the modern theory of art and pedagogical education and upbringing [3. 103 p). That is why Leandro da Vinci, Raphael, Sean, Michelangelo, Albrecht Durer, and others. The study of these works by our ancestors can help us define the modern theory of art education and upbringing [3. 103 p). That is why Leandro da Vinci, Raphael, Sean, Michelangelo, Albrecht Durer, J. Kuzin, Holbeich



2-figure

While the science of creating images of objects based on central projections is called perspective, the image itself obtained using these projections is also called perspective. Perspective is one of the main branches of geometry, based on the method of projection when forming images of central objects. The method of creating perspective images using meeting points of parallel lines is common among architects. This method is called the architects' method. The design of buildings and structures is a method of depicting on a two-dimensional surface in a three-dimensional form called architectural perspective. This method is important for architects and designers, considered a type of perspective, and it focuses on the visual accuracy of design and architecture elements.

Its main functions include:

The first is the design that designers and architects submit themselves using architectural perspective effectively to visualize their ideas and present their projects to the customer

The latter describe the customer with realism and accuracy of building structures (on paper or on a computer)

The third gives the customer a careful analysis of the visual characteristics, dimensions, shapes of the room structures of the building, the project of which was completed [5 65 p].

Perspective visualization allows the viewer to more accurately visually understand the entire project. Architectural and landscape perspective images can be created using manual drawing techniques or 3D modeling and rendering programs to create realistic visualization of projects. This style applies to architectural drawings and design projects such as landscapes, interiors and furniture. This allows the designer or designer to realistically describe how a building or space will look after its construction.

REFERENCES

Rustamovich, H. B., & Qabiljanovich, R. U. (2024). The educational direction" fine arts and engineering graphics" in the formation of the scientific worldview of students the role of computer graphics engineering science. The American Journal of Social Science and Education Innovations, 6(03), 97-100.

М.Н. Макарова, Перспектива, М., “Просвещение”, 1989

Rustamovich, H. B., & Abdurafikjonovna, A. H. (2024). Theoretical solutions for integrative teaching of fine arts and engineering graphics with various disciplines of still life, consisting of geometric shapes in pencil painting. International Journal of Advance Scientific Research, 4(03), 102-106.

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Haqberdiyev, B. R., Ismag’Ilova, M. S. Q., & Imomnazarova, D. F. Q. (2025). Raqamli texnologiyalarda arxitektura va dizayn. Academic research in educational sciences, (Conference 1), 65-66.