
THE ROLE OF DESIGN IN MAXIMIZING THE BENEFIT OF THE OPTICAL ILLUSION ART IN THE FIELD OF INTERIOR DESIGN

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Abstract

The art of optical illusions is considered one of the creative formations that are used in various fields of arts such as painting, sculpture and graphics. It is known as "Op Art" which started with the painters "Victor Vasarelli" and "Louise Riley" in the thirties of the last century. The art of visual deception depends on unreal perception and geometric abstraction, and therefore this art can be utilized in the field of interior design aesthetically and functionally, where it is possible, for example, to visually merge between specific and closed spaces to create a feeling of space expansion. Hence, the research deals with delving into the study of the art of visual deception, getting acquainted with its fundamentals and structural laws, and an analysis of how it is used in the internal spaces, whether as an aesthetic or functional standard.

Keywords

Optical, Illusion, Interior Design, Functional, Aesthetic Principles.

Introduction

All types of art are considered connected elements in one series that complement each other and depend mainly on aesthetic formation, but each art has special characteristics, origins and terms that make it able to continue and develop or not.

The Optical Illusion Art is considered one of the arts that possess the ability to form aesthetic and functional objects, as it is an art that does not address the eye only, but rather the mind and its ability to perceive.

As it is one of the arts that deserve study and research to benefit from in the development of advanced and effective systems in the field of interior design and furniture, some of which carry only plastic art formations and some of them have functional formations used in the treatment and solution of some design problems.

And this research paper seeks to know the art of optical illusion, its structural foundations, how to apply it and benefit from it in the field of interior design, especially in solving design problems such as narrow spaces or low ceilings.

Research Problem

- Can optical illusion have a role in solving interior design problems?
- How can the art of optical illusion be used in solving some design problems in the field of interior design, such as overcoming narrow spaces or low ceilings?

Research Objectives

- Learn about the art of optical deception and its structural foundations.

- Study how to benefit from the art of optical illusions to solve some design problems in the field of interior design.

Research Importance

- Highlighting the importance of optical illusion as one of the means that can be used to solve some design problems.
- Directing the attention of interior designers to the aesthetics of the art of optical illusion to take advantage of it as an aesthetic and functional standard in contemporary interior design.

Results

- A. Geometrically based abstraction is the basis for visual illusion, which made it easier to use in interior design in terms of their participation in engineering rules.
- B. Contemporary technology and modern materials can be used in the application of optical illusions in the field of contemporary interior design.
- C. The art of optical illusion can be used to solve some problems in interior design, such as narrow spaces, high or low ceilings.

Recommendations

- Directing the attention of interior designers to the aesthetics of optical illusion to use it in solving design problems.
- Expanding the study of the structural and aesthetic foundations of the art of optical illusion and its various applications for art students.

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