Techniques of Optical Illusion and their Effect on Visual Dazzling in Contemporary Interior Design

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Abstract:
Design creativity can be achieved through the application of the art of optical illusion and its various techniques through the creative treatments of interior spaces, which is a vision resulting from the ability of the interior designer to different types of arts through the use of tools and possibilities in creating an innovative interior design environment for any space and addressed in new design formulations. The subject of research shows in many design fields such as architecture, interior design, photography, sculpture, graphics and other arts in order to improve the optical vision in terms of size and proportions using optical illusion and use it in design processors to suit the nature of functional space and requirements that will help to change the visual perception of the spaces through producing creative formative designs and solutions based on standards, rules and basics of this art. Therefore, we find that the art of optical illusions is an extension and development of many art styles emerged in different periods of time, which implemented mathematical sciences in plastic arts to create a new vision in contemporary interior design through the use of digital technology.

Research Problem:
The lack of internal comfort for the occupants of the functional space is what motivated the thinking of how to access creative design solutions by taking advantage of the theories of optical illusion and implementing them in the interior design by studying the effect of visual dazzling significance in the interior design to create innovative design approaches in internal architecture, in addition to exploring the diverse applications of this art in other visual arts fields. Accordingly, the problem of the research is summarized in the extent of using of optical illusion in the development of vacuum solutions and applying them in contemporary interior design.

Research Aims:
− Monitoring the most important intellectual concepts of the art of optical illusion and its impact on contemporary interior design.
− Developing new indicators of optical illusion based on the aesthetic concepts of the art of optical illusion.

Research Importance:
− Taking advantage of the techniques of the art of optical illusion in solving the internal design problems.
− Employing the art of optical illusion and its aesthetic and functional values in contemporary interior design.

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Optical Illusion, Visual Dazzling, Interior Design