

## **Payback of movement classifications in Dynamic Architecture on Interior Design**

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### **Abstract:**

The modern era has witnessed a great development in technology and Human Thought where the needs are constantly changing, these factors have become guiding the architectural design towards the need to change to conform to the desire of the individual and achieves responsiveness to the environment. Interest in the study to clarify the concept of displacement and its impact on levels of intellectual design in architecture and interior design. Dynamic architecture emerged as a creative perspective of architecture based on the dynamics of movement where a change in time and its entry into architecture as a fourth dimension to become a four-dimensional architectural design process, the fourth dimension — time—plays its role as an influential element in the process of visual perception, and in the visual field. Many dynamic concepts that have emerged in architecture as a result of technological development and meeting the needs of society have been studied. The research also dealt with the dynamics that were classified into two factors, one mentally through perception and the other objectively in the visual field which is called actual dynamics. Through this study, the classification of movement in dynamic architecture and its reflection on interior design were identified. Movement can be classified according to its shape in space, the shape of its path, the relationship of changes in distance to time as well as the ways of movement. This architecture aims to move from static to mobile form through various technological means and to reach functional and aesthetic configurations of spaces. The effect of actual dynamics to achieve environmental compatibility was recognized by studying different types of motion. The research seeks to raise the quality of architectural design by using different methods of movement to create a dynamic architectural composition with an ever-changing visual environment, creating an effective dynamic interior design. The study also examined the analysis of some architectural works to learn how to take advantage of dynamism in achieving flexibility and optimal utilization of space and to know the relationship between form and content. From the above, we can highlight the importance of the movement in architectural design and know its impact on achieving functional and aesthetic values.

### **Keywords:**

Optical dynamics, Realistic dynamics, Fourth dimension, Interior design