

## **The Effect of the Elements of Interior Spaces in Cultural Facilities on Human Behavior**

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### **- Abstract:**

The study of human psychology and expected behavior within the interior spaces before starting the design process facilitates us to solve many problems that may occur during dealing within the environment, whatever its form and whatever its function. Therefore, the research attempts to understand and explain the interactive and reciprocal relationship between the design of interior spaces and human behavior and the study of the internal environment in which a person resides and deals with its elements, which is the basis for determining his behavior through various activities in the internal environment. The research also deals with human behavior and its relationship to internal spaces by presenting some concepts of human behavior within internal spaces. Then the research moves to talk about human behavior within the internal spaces of cultural facilities by studying the behavior resulting from the conditions that people face within the internal space and presenting the human and psychological needs within the internal space, as the human and psychological needs are considered the basis of human behavior and its connection to formation. The psychological is more closely related to the organic formation, as the person suffers anxiety as a result of the lack of availability of his physical, human and psychological needs within the internal space.

### **- Keywords:**

Human behavior, Mental state, behavior control, predicting behavior, humanitarian needs.

### **- Research problem :**

The research problem lies in the following questions:

- How to explain human behavior in the interior spaces?

Is it possible to measure the extent of the impact of human behavior on the elements of internal spaces?

### **- research importance :**

The importance of the research lies in respecting and appreciating the human entity and the resulting result in achieving a sense of belonging and evaluating behaviors within the internal spaces of cultural facilities through the design process ().

### **- research aims :**

1- Revealing the engineering of human activity through understanding and interpreting human behavior facilitates the solution of many problems that may occur within the internal space. Therefore, understanding the relationship, laws, and principles that Behavior, its understanding, and its proper interpretation are very important throughout the design process.

2- Controlling, controlling, directing, and predicting human behavior.

3- Creating conditions within the interior space in a way that suits health and physical, emotional and emotional comfort for human ( ).

- Research Methodology :

The research follows the descriptive analytical method by describing and analyzing human behavior and psychological state

The moods of the human being within the internal spaces of cultural facilities, and the human needs within the internal spaces.

Research hypothesis:

The internal spaces in cultural facilities affect the behavior of the individual and his performance during attempts to obtain his needs within them.

The design of the interior spaces provides opportunities for modifying and adjusting the behavior of the individual and controlling it.

- search limits :

- Time limits: The research studies the effect of the elements of internal spaces in cultural establishments on humans at the present time (the twenty-first century).

- Spatial limits: Some people use some local experiences for cultural facilities such as the Egyptian Public Library (El-Tahawy Palace) - Dokki / Giza, the Museum of Modern Egyptian Art - Cairo Opera House - Zamalek / Giza, and Baron Empain Palace - Heliopolis / Cairo, and Arts Complex (Aisha Fahmy Palace) - Zamalek / Giza, and the Greater Cairo Library - Zamalek / Giza.

## **Results :**

The design of interior spaces is closely related to human studies and behaviors.

The human being is affected by all the surrounding environments and internal spaces, and his behavior changes and is subject to the functional content of the internal spaces.

## **Recommendations:**

1- Before starting the design process, it is taken into account to study human behaviors and the changes that occur to the individual when the environment changes, and to predict the behavior to facilitate the process of controlling and regulating the actions of the individual in proportion to the content of the architectural space.

2- Achieving the human and psychological needs within the architectural spaces during the design process to improve the individual's behavior in the spatial environment in which he resides.

3- The designer must achieve psychological comfort and all the necessary needs of the individual within the architectural branches.

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