Analytical Study of the Islamic and Ancient Egyptian Influences on The Library of Alexandria

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Abstract

Architectural heritage is the cultural value that affects successive generations. It is the embodiment of cultural and civilizational values that reflect a certain social, economic, and political structure. It represents a true expression of the history and culture of society, and it is the material and moral link that binds contemporaries to their ancestors unless it has acquired value. Through society, this value is embodied in the relationship between man and heritage, and there must be a conscious awareness of the value of heritage leads to damage to the heritage balance and neglecting its importance. Heritage architecture expresses the level at which culture appears. It is a civilizational product through linking to concepts and cultural dimensions, where heritage architecture constitutes one of the most important pillars of the architectural and urban character in the culture of societies.

The past period has witnessed several intellectual trends that have affected cultural life in general and architectural and arts in particular, Architecture was reflected in some visions of formation, schools and architectural intellectual trends, all of which came as a product of the dialogue of rooting and renewal, where each carries a different thought and attitude of heritage, the rooting represents the features of societies and their customs and traditions while renewal represents progress and development and the information revolution and technology and the accompanying material culture In the last two decades, architecture has turned to the imperative of adhering to the authentic traditions of inherited local architecture in exchange for the bias towards renewal and innovation imposed by international architecture in all its forms and innovations, and some important products have emerged to establish a contemporary architectural theory based on the revision and revival of architectural traditions and the rooting and development of heritage. A perspective drawing of the building.

The Library of Alexandria is one of the most important expressive buildings that represent the direction of symbolic and moral inspiration from the structure of heritage, and this trend is based on systematic research by its various means of extrapolation, analysis, and inference, for local conditions and contemporary cultural data.

For different periods of time, which produced modern mechanisms that led to the formulation of local heritage in new forms, elements, and patterns, and then devised and deduce mechanisms that fit the data and modern local conditions to produce advanced architectural patterns, and produce a local architectural character commensurate with concepts and traditions and preserve the cultural and cultural privacy of society, this architectural trend is characterized by mental pragmatism and symbolic abstraction of heritage and trying to adapt heritage to reflect the modern era and its tools and requirements to suit local circumstances and data.

Keywords:

Introduction

Identity is the absolute truth of a thing that includes its essential characteristics and which distinguishes it from others. It is called "the unity of the self," which is the distinction from others, that is, the privacy of the self and the characteristics, features, values, and components that distinguish the thing.

Architectural identity is the character or form that expresses the personality of society, and it is the architectural form of society's buildings. The identity of architecture continues with the continuity of the nation's identity and develops with its development, rises with its renaissance, and disintegrates with its disintegration. For this reason, the identity of architecture means the belonging of this architecture to a specific civilization left behind by a specific society. Architectural identity carries features that express the requirements of self-identity, and this is represented by moral significance such as luxury, simplicity, or style.

The process of reviving or drawing inspiration from the architectural and urban heritage in Egypt began by quoting Islamic arts or ancient Egyptian art. The vocabulary and forms of these styles were employed in the design of public and institutional buildings as a direct expression of the specificity of the country's cultural and civilizational identity. Historical styles were revived by quoting elements from The vocabulary of these buildings, such as the shapes of openings, or decorative details, and their use in architectural formations and designs that differ from their ancient origins, taking into account the origins and philosophy of historical architectural styles.

Research Problem

It is how to establish identity and urban character, and confirm the local national character by using the influences of Islamic heritage and ancient Egyptian heritage on contemporary Egyptian architecture through a descriptive and analytical study of the Library of Alexandria.

Research Aims

1- Explaining the influence of the arts of Islamic civilization and ancient Egyptian civilization on contemporary Egyptian architecture through the Library of Alexandria building.

2- Highlighting the aesthetic values of some of the architectural elements of the Library of Alexandria, which show the influence of the arts of Islamic civilization and ancient Egyptian civilization, to establish the urban identity and character, and to confirm the local national character.

Research Assumes

1- Rooting Egyptian identity through the architecture of the Library of Alexandria.

2- Achieving the Egyptian architectural character in the architectural vocabulary of the Library of Alexandria.

3-The architectural vocabulary of the Library of Alexandria was influenced by the architectural vocabulary of the local Islamic heritage.

4-The architectural formation and design of the Library of Alexandria was influenced by the architectural formation and design of the local Islamic heritage.

5- The architectural vocabulary of the Library of Alexandria was influenced by the architectural vocabulary of ancient Egyptian art.

6-The composition and architectural design of the Library of Alexandria were influenced by the composition and architectural design of ancient Egyptian art.

Research Importance

Deriving architectural and urban values and foundations from the local Islamic and ancient Egyptian architectural and urban heritage, which support the concepts of sustainability of local architecture and urbanism.

Search Parameters

1- Study the interior space and exterior design in accordance with the values and concepts that express the Islamic and ancient Egyptian heritage visually and formatively, and identify the influences and their philosophy through design.

2- Study the influences of Islamic arts and the influences of ancient Egyptian art, and determine the extent to which they agree or differ from formation in traditional civilizations.

Research Methodology

The research relies on the descriptive analytical method through:

Scientific methodological steps that include a set of values that are clear as follows (historical value - symbolic value - temporal value - aesthetic value - creative capabilities - functional value).

Results:

1 - The importance of architectural heritage stems from the plastic reflection of cultural values with the possibility of tasting them.

2- The designer is the main driver in the design process, as he contributes to opening new fields and horizons based on integration and compatibility between rooting and innovation, that is, between heritage and modernity.

3- Linking heritage and modernity is a process linked to rooting and renewal, and each of them has a part of intellectual beauty and emotional beauty that...

They complement each other in creating aesthetic expressive value.

4- Communication between rooting and renewal depends on understanding and activating the cultural intellectual sequence over time and studying it well.

Conclusion:

Drawing inspiration from architectural and urban heritage remains a rich subject for study and research on the symbolic, spiritual, cultural and plastic levels, which results in many results that may be compatible with each other from an academic theoretical standpoint or from a practical application standpoint, namely:

A natural line of development, achieving the concept of harmony of architecture with nature. Architectural philosophy represents the relationship between nature, man and the built environment. In recent decades, multiple names and architectural trends have prevailed in the architectural community, all of which agree and seek to achieve architecture that is harmonious and balanced with nature and adheres to its cultural and spiritual values, where inspiration is

required. Among the urban heritage is serious study and enlightened understanding to devise the foundations that can be adapted through modern technological means, allowing designers to produce modern architecture that expresses spatial and cultural specificity, that is, expresses the identity to build a society characterized by both authenticity and modernity, as architecture and urbanism represent one of the most important aspects of civilization that It explains and expresses the history of nations. It reflects the image of society in its journey through time. When talking about architecture, it becomes necessary to define a person's identity, to identify his spiritual and material needs.

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