

## **Intellectual Dialogue between "Organic Architecture " And " Post - Modernism "To Contrive Novel Designing Basises For Interior And Furniture Design Of The Tourism Resorts In "South Sinai"**

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### **Part I : Historical study of theories of design through the ages and different models :**

**Introduction:** In the beginning we are talking about about the terminology and some concepts such as: Interior design, Design process, Internal design elements, The environment, and environmental Organic Design

That is the humanitarian needs of the design of appropriate housing focus on achieving three needs: Needs of expediency, Needs of the symbolic, aesthetic needs, necessitating us to return environmental dwelling, with the addition of all the contemporary features of modern materials and advanced technology

### **Theories of design in ancient Egyptian civilization and Greek civilization and Renaissance classic systems:**

#### **First: The theories of design in ancient Egyptian Civilization**

the Pharaonic civilization which has brought mankind distinguished technical nature did not reach this unique personal evident in various fields only by adopting the style of one intellectual stems from the theories and teachings were the basis for the constant flow of this rich cultural production and composition of the various configurations and scholars across the generations had come to study and analyze a lot of work trying to devise the foundations and theories which combine those acts which led to this huge number .

#### **The design of the relationship in Al-imarrah oudwan airline takes pride:**

nature of the study of ancient Egyptian style, the Pharaonic Temple is only a group of columns was posed by formations aesthetically inspired by nature are the pillars of the SIMULATE crowns palm forms or Lotus or papyrus, like jungle these columns are the trees, and these columns symbolizes the sky ceiling is sometimes painted in blue are decorated with white stars as a symbol of the daytime or painted in black complements The golden color is regarded as the symbol of the night and not only that, but that the land of these temples were often covering the green tatami matting area color to complete image of nature green land outside the towering trees

#### **Second: The theories of design in Greek civilization**

Architecture in the old Greek civilization and the plastic arts in general characterized by unique personality highlight whic civilization depending on the other, as the Pharaonic civilization characteristic to clear various other feature distinctive and also the Greek civilization, the reason for the existence of such a unique identity was also the link between Greek design work, the basis of the engineering form keep fit forms with each other, the designer of the old Greek was his major concern access to beautiful or full rate achieved in its

work, as the ancient Egypt had taken accurately defined in the design of the measures of the parts of the human body, designed by the same Greek in the belief that the human body complete all creatures on this high proportions of its parts to each other and considered the ideal percentages here discover the Greeks, the proportion of The so-called Golden proportion of the private sector, and the application of the percentage of all their construction and decoration, and accounting systems to the proportion set by pythagoras that the construction of the balanced universe is governed by certain numerical relations

### **Thirdly: the theories of Renaissance design**

In the early of 15th century, the renaissance in Italy to revive the ancient heritage of this heritage in the romanian and Greek classics and perseverance Jewish that time analyzing and searching for the foundations of the engineering features and mathematical features of those ancient civilizations and Italy that the renaissance spread to the rest of the countries of Europe have been known that movement Renaissance

Renaissance architects tried to stand on the assets of the old aesthetic ratios used in the foyer and the various technical and application of these percentages and try to developed in modern premises, I believe that their premises should follow the highest systems, back to the system of the arithmetic ratios at the Greeks through mathematical systems become athletes to certain aesthetic units in Amarah, known as gold or the proportion of the private sector Golden

### **Fourth: The theories of design in classic systems :**

systems of classic columns of the most important architectural features which are indispensable for the study of architects and even the mother these systems known as a series of classical systems of the Greeks, the exhumation of the descent of the aesthetic proportions of the human body, and these percentages visibly drew more inspiration and aesthetic proportions of SPINDLES of their premises so that the columns are consistent with the rest of the building and taken from the Greeks, Romans

## **Chapter II: (a study of the movements of "modern design Arts and Crafts, Art Nouveau, De Stijl Style, Pau house ) :**

### **The movement of "Arts & Crafts :**

The arts and crafts movement of the contemporary movements that have emerged in the counter direction to the purely functional industrial trend and configuring an idea of the BAUHAUS but differ with them, calling for the elimination of the Bauhaus and direction to the purely functional decoration here and through this movement led by William Morris, which was calling for discerning and beautifying all that is human

### **The features of architecture in the movementof Art Nouveau :**

Amara-propelled novo had discerned in several technical areas of the PALAZZO-propelled novo always support industrial raw materials such as iron and glass, producing iron is one of the most important raw materials, which some considered as an essential element in the -- in particular the railway stations of the discriminate in lighting and emphasize the high GOTHIC

### **The movement of " De Stijl Style" (1917 - 1931) :**

beginning of the Netherlands in the period 1917 - 1931 magazine contributed to destijl establish the rules of the technical doctrine which borrowed entitled, and affected the movement in many artists outside the Netherlands, which contributed to the birth of the doctrines of the new artistic movements and the word distil technical manner, which proposes a new method of form and function

## **Chapter III: The Bauhaus school of art and industry" 1919- 1933 " :**

Bauhaus was founded in 1919, led by the German architect Walter Gropius coming from the movement of the Federation of German Industry, which aimed at the integration between art and economy, BLENDING Between Art and engineering, but it failed in achieving this

integration but with the founding of the Bauhaus reconsidered the previous failures to find a new vision that supports the former German goal which is determined in the intermingling of art crafts industry, the steady improvement of the quality of German products due importance of the BAUHAUS to unity between the visual arts, architecture and industrial design and the correlation with each other in life

## **Part II: a descriptive study of philosophical and analytical School of Organic architecture:**

Introduction: we can see the beginnings of the theory of membership on it dates back to the oldest civilizations, the label attributed to production that resembles all or part of the characteristics of living organisms like a animal or nature with all its resources, this is normal, especially if the categories of membership in the architecture," the basis of the theory" as a social requirement result according to the specific technology, and therefore their overriding requirement is a historic stage social community to express its reflecting his demands of expediency (function) and emotional (IDEAS )

## **Chapter I: (a preliminary study of the types of drawing inspiration from nature and the concept of and trends in organic Architecture**

### **Organic Environmental Design inspired by nature**

Definition of organic Environmental design is a housing model that meets, the requirements of convenience with good control of the local climate as a strategy to minimize from using mechanical machinery and maximizing the efficiency of the positive exchange between construction, nature and the surrounding environment. and concept Organic Environmental design is deeply linked to awareness and a solution to reduce environmental resilience and stem the depletion of natural resources. The main factors adversely affecting the state of the environment derive mostly from the need to dispose of large amounts of non-renewable energy and to revert to the design to exploitation Optimized for nature

### **Study of the Theory of organic work :**

#### **First: Principles and concepts of organic design :**

The basics in the theory of organic architecture are what is specific to nature and its creatures, and which are related to man, in nature, everything gathers, unites, integrates and human is part of nature and works according to its laws and principles. Nature is the inexhaustible source of creative processes that human success and because Organic design is a dynamic construct that must follow some of the traits of living organisms in nature and derive the most important principles of their creation, such as innovation, movement, growth and pain. So the designer should have inspired the principles of organic design of nature and are summed up in the following points

## **Part III: Descriptive and analytical study of the post-modernity trend :**

Introduction: What is the relationship of the past to the future? Is it a causal relationship? And which one affects the other? Does the past produce the future or is it the future that calls for the past? What can science offer in this area? Many questions revolve around or revolve like them or at least in the mind of those who work in the study of design theories.

## **Chapter I: Preliminary study of recent trends that have led to the emergence of the post-modernity trend:**

### **The most important reasons for the emergence of the post-modernity trend are :**

Despite the fact that the modern movement was aimed at creating a new life that is perfect and that is rooted in the nature of the industrial community, it has already made tremendous

achievements that remain a clear sign of the progress we are witnessing today. Its failures, however, included many areas, particularly the areas of interior design and architecture that failed Not only to have a general appreciation but also to be well represented by its basic requirement of obtaining a nominal regard for functional and technological aspects, which it considered to be determinants of the form. By the mid-1960s and early 1970s, modern architecture was badly attacked after many residential buildings were blown up Its failures to deal with failures and the construction of modern buildings were rampant, and many statements were then launched calling for the death of modern architecture. Modern architecture has become a victim of its huge and confusing measurements

## **Chapter II: Analytical study of the features, doctrines, methods and currents of the post-modernity trend , Post-modernity trend :**

Features and doctrines of the post-modernity trend The post-modernity architecture has many features and doctrines in both the design and architecture area, the most important of which are Philosophical Features in content Complexity and contradiction.

## **Part III: Comparative philosophical analysis of "organic architecture", "post-modernism" and the Applied Project :**

**Introduction: Study** of the relationship between organic architecture and the post-modernity trend is the search for the underlying general principles underlying the set of rules and the laws of the elements and vocabulary of the interior design of them by ascertaining the reality of the internal design phenomenon because it is a tangible material thing and that's pushing us. To learn about the dimensions of internal design knowledge in the light of the "environmental, heritage, ethical, aesthetic, morphological, anthro, and" criteria. To reach the universally agreed scientific foundations that directly affect the process of internal design, applicable To achieve a better future

## **Summary of the basis of previous standards and design controls:**

The abstract reviews of previous standards of research and studies in the field of interior design and furniture come to arrive at the controls of the analytical study of research "in a methodical scientific way" to obtain new philosophical and design criteria governing applied study and research experiments to obtain Egyptian philosophical visions New interior design and furniture for the tourist villages of South Sinai, and at the same time able to face future variables

## **The design foundations learned from the relationship between (organic architecture) and (post-modernism) .**

Designers have to look for the right solutions for those people. As such, some designers tended to imitate and quote from the previous models, while others were trying to combine more than one model and that remained the case until the end of the 20th century, when a number of designers who refused to quote appeared. The carriage of the past literally, this generation that led the attack on the direct classical direction gave a new thought suited to the technological sophistication of the incident, these pioneers laid down the foundations that made them trends and theories, different in character and in each other's way of creation and innovation, followed by the first generation Another generation of designers presented their own ideas, some of which were influenced by the thought of the first generation or orbiting in its orbit, while others took a different new direction. The third generation of designers came and began formulating new thinking that led to unimaginable solutions without the phenomenal technological development in all areas Design and construction machines, there is a clear overlap between designers ' attitudes and theories that they have followed in the

three generations, confirming the philosophy of our study that organic architecture is the original and the post-modernity branch

And the teacher did a number 2 table "1, 2" to measure these standards and fundamentals in architectural work, interior design, and furniture as global random samples different territory and place built in it in Arabic and worldwide and evaluate it systematically and establish a percentage of its degree of design success and the extent of its follow-up to organic architecture And the post-modernity trend which confirms the relationship basis of study, at the beginning of the third and final chapter of this section, the study will generally try to establish philosophical foundations for interior design and the furnishing and equipping of tourist villages in the South Sinai in line with the relationship in question. and work one Table 3 to measure and study the philosophical values derived from the relationship between organic architecture and the post-modernity trend

### **Results:**

1- discovering anew language and style depending on drawings and discovered methods and evaluation schedules and this is the goal of interior design and furniture field as a language that espacial it from the other fields, technical and mental communication in interior design field ensure the held of the positives of our civilization and its ability of reviving to reach the requirements of human.

2- find anew method in searching of organic architecture because the organic design needs to take care of the useful practical and human and beauty sides , starting from the scientists in this field because of the ability of designing in interior design and furniture fields according to scientific principles which doesn't affected by the superficial principles with the keeping of free thinking and fantasy designing

3-by analyzing the symbols that makes the design and returning them to its original organic form . the designer can use the designing alphabet that he invented from the . gathering them in a complete form to an infinity circulation of designs that have an organic character whatever it used in interior designing or a 3d shape or decorated blocks in furniture

### **Recommendations:**

1- the importance of searching and use the modern Egyptian furniture that represent our great history " ancient Egyptian , arabic islam " and at the same time suits our life and our present fact , working on increasing the Egyptian designing offices which work on reviving the Egyptian history and publish the thoughts of Egyptian designers but with a right method that cares about the inner and exterior with a modern method

2- The importance of having designing summary which suits the appearance, decors and symbols in our Egyptian area. because there are some designing try after modernism but they all deal with the exterior form like some historic symbols and some of international works without a completed summary which is an important side like the exterior form what made this tries and designs weak without philosophic depth that suits the rich Egyptian environment and we should deal with this historic symbols with a complete study

3-caring about the special researches that deal with the study of creatures since in its natural environment and use it to discover building principles , and we should save freedom to the fantasy of designing because this leads us to everything new and strange to provide the designer the ability of designing according to the creativity to strength his personal designing ability to face the present and future varieties AND to study the available organic materials in the environment to use it in the perfect way

**Abstract:**

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