Design Objective as an Effective Factor for Sustainable Environment

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Abstract. The interior design is an integral part of the architectural structure. It cannot be neglected in providing a sustainable internal environment for the human being within a functional unit and cohesive design. Therefore, the study of the design purpose has a clear effect in the internal design of the interior spaces on the one hand and the architectural achievement on the other. Depends on the choice of interior designer the of design idea by transforming it the technical imagination to reality, and thus the task of the interior designer is based fundamentally on the adoption of the operational aspect in the design and employment within the trends of formality and aesthetic prevailing, by investing treatment The interior designers must follow in their design speech mechanisms a specific model in order to achieve the desired goal towards the construction of the sustainable internal environment. Hence, this is not done without experience and awareness of the design process. It is necessary to study this topic, which consists of four chapters. For the first chapter, the researcher adopted the formulation of the problem of research, which is summarized as follows: What are the elements of the design goal as an effective influence of the sustainable environment? While the importance of research in the development of experts and workers in the design and engineering of internal environments sustainable, as well as the design side of the study of modern and development of the designs of internal environments sustainable, and in light of the researcher focused the research objective to identify the elements of the design goal and which contribute to the effective impact of the sustainable environment, As for the research boundaries, the researcher has defined objectively the design goal as an effective influence of the sustainable environment, while its spatial and temporal boundaries will ensure the modern interior spaces (the living rooms of the major European residential houses). The second chapter will focus on determining the subject of the research procedures, namely the methodology of research based on the analytical descriptive approach (content analysis), while the research community will focus on the adoption of the selective method. Finally, the fourth chapter will include the extraction of the research results.

1. Introduction
The overall design goal is a set of intellectual acts that rely extensively on the intellectual property, including the explanatory mechanisms, as well as the effectiveness of perception and intuition in activating intellectual processes as a mechanism of mental image formation which is formed by declaring it as the working language of the interior designer during the
completion of the task Design, so as to be an effective factor for the sustainable environment, which affirms that human civilization is an integral part of the natural world and that nature must remain and be sustained if human societies wish to remain. Therefore, sustainable design places the idea of the integration of human civilization and the natural world from a design approach based on the principles of nature. Therefore, the researcher adopted the formulation of the problem of research, which is summarized by the following question: What are the ingredients of the design goal as an effective influence of the sustainable environment? While the importance of research is that:

1. Development of experts and workers in the design and engineering of sustainable internal environments.
2. Provide the design side with a modern study and development of the designs of internal environments sustainable

While the current research aims at: - To identify the elements of the design goal, which contributes to the effective impact of the sustainable environment

The current research is defined as:

1. Objective: The design goal as an effective factor for the sustainable environment.
2. Spatial limit: which is as follows:
   - Interior spaces for living rooms (residential house in Holland)
   - Interior spaces of living rooms (residential house in France)
3. The temporal limit: 2016_2018 m

While the researcher was based on the definition of terms

The design objective: is to express the high-performance possibilities within an intellectual content that stems from the subject matter which the designer performs for a predetermined scheme as well as an essential tool for some design goals. The same possibilities, aesthetic and usefulness [1]

Affect: It is all that shakes the emotions and the self-impression and emotion is are very touching. [2]

Sustainable environment is the medium or area in which the person lives and where the excitement and interaction of all that is alive. (add space) It also encompasses everything that surrounds the man, as well as relationships that combine material elements and people into patterns uniting a particular system, leading to the formation of an urban environment [3].

2. Theoretical framework

2.1. Design Idea

The designers, through their study of the design idea to create a distinctive character of the sensual excitement because it has a direct impact on the perception of the recipient. Therefore, the interior designer seeks as much as possible to direct the attention of the recipient towards the most important actors in the internal space through the adoption of design solutions in line with the internal environment (and at a serious level of clarity of the design idea, so the design excellence of sustainable environment green plants is one of the treatments affecting Finding Gravity and Thrill [4]. (The sustainable environment also contributes to the provision of a comprehensive structure, in addition to the absence of one of the environment elements leads to the lack of one of the infrastructure components because it is an integral unit with the ability to create interaction between the components and human.

It is also an essential goal to achieve existence within that environment, in addition to it represents the biosphere, which includes living organisms and the contents of the material and the surrounding air, soil, water and man's installations[5]. (While the construction of sustainable environment is based on the study of the ecosystem based on the choice of the functional relationship between the community and its environment so that it is characterized by ecological unity and by the nature of the environment) [6]. (Tansley) is therefore defined as a system that includes living structures and elements of physical structures. [7] (Ecosystem relationships also consist of several interconnected
systems within an integrated law that combines the interactions of biological components with physical components). [8]. Which have a direct impact on architecture and interior design, while Kavakli (points out that the process of cognitive performance of the design idea according to the design process is due mainly to the nature of the use of memory information, the ability to achieve this benefit, and the size of knowledge storage Content in which) [9].

Which connects the ability of the designer to exploit different aspects of his cognitive processes, and his ability to communicate with this ability, and that such performance may be a general outcome of the overall thinking of Cognitive Activity, the designer, including processes reminiscent of and assimilation as in the constructor number (1).

Figure 1. shows the increasing cognitive performance of the design idea based on the cognitive activities undertaken by the professional designer during the completion of the task [9]

So, students agree that design thinking accomplishes five basic functions or functions: description, interpretation, decision, judgment, planning, classification, and implementation. These functions appear as if they are or constitute a continuous circle of thought [10], as in figure 2.
Figure 2. shows the stages of the work of the basic functions of achievement design idea or so-called intellectual circles [10].

2.2. Elements of the design objective
The interior designer's experience and style in expressing the design goal is based on design considerations of harmony and harmony between the content of the idea and the proposed design through the creative of the entire design which will lead to excitement and response to the receive . (Taking into account the awareness of the integrated fantasy experience, which represents the subjective aspect complementing the substantive aspect, imagination is not merely a regulatory function, which is limited to the coordination of sensory perceptions, but a synthetic function of the process of re-shaping the design theme) , [11].

(Thus, the design goal is cognitive efficiency based on the field of communication, and also means general use and production capacity with minimal effort.), [12] And the effectiveness of the design goal is an absolute concept of objective reality, which is the essence of the reality of the design work, as well as representing the inventive state of the designer based on knowledge and experience applied in the field of design. The effectiveness of the design goal is also linked to one of the important activities of the design process, which is linked to the culture and personality of the interior designer, which is an important issue in the continuity and sustainability of the design work for the sustainable environment.

According to which the special method is determined to adapt to the study of the design types and the nature of their use. Therefore, achieving the goal of the design product as completed is not dependent solely on its function but on the culture and personality based on its achievement through the methodological act of the designer's mentality to build the sustainable environment. Aesthetic senses in the recipient,( Which requires the creative designer to adopt expressive tools that show the meanings of formal meaning, so the study of design work is not only about its subject, but in a study of the influence of good expression on this subject), [13] And this is what many designers aspire to give an important and strategic role of the design process, which focuses on the way of expression as an essential tool in the construction of innovative design formulas,(The design and its content are reflected in the design process and its content by emphasizing the choice of innovative constructiveness of the design idea, while the study of design formation and its innovative body through the process of formulating the technique of studying materials and raw materials), [14] (This is inseparable from the participation of the recipient who co-exists with the design work, which means that the taste of the artwork requires an imaginary activity on the part of the recipient and in a similar way, alternating with the designer and his design work), [15].
This is linked to the nature of taste as a mental process, whose focus is on demonstrating the value of the innovative idea with the extent to which reaches the design completeness and awareness of the integrated fantasy experience, which represents the subjective side of the innovative designer to reach the design goal. (The achievement of the effectiveness of design influence within the design thought is based on the following: 
- Sensitive sense: responding to stimuli
- Preference: the main direction of the recipient, which is the motivation at the level of acceptance and rejection of the design work
- Judgment: It is the designer's respect for the known design standards.), [16]
The taste of the design effect as a design goal is a subjective issue related to responding to the stimuli by a sense that changes the separate motivations into an organized response, because there is a common element based on the individual emotions that are concerned with the taste of the forms and their phenotypic characteristics, the resulting relationships and the aesthetics. This requires the internal designer to pay attention to the sensory and emotional characteristics, as well as the preference in the study of structural properties of the vocabulary of innovative design experience, Thus achieving a kind of integrated understanding of all the design that is formed, as well as it represents a logical understanding of the sequence of elements and parts within it, which generates self-response in the receiver, (The effectiveness of the design objective depends on the interest of another study and analysis of the response to the formal elements in terms of study (characteristics, location, dimensions).)
While emphasizing the complementarity of the design process, through the embodiment of forms and spatial organization of their own, as well as study the background through which they appear According to the nature of the scale and the way it is measured, indicating a variety of orientations with characteristics that express the nature of the composition in the design), [17] Based on this, the concept of the effectiveness of the design purpose for the interior designer is not limited to certain elements and features only, but the style and personality of the designer On the basis of the selection of the substantive material and the results of the formality of special and innovative processes of implementation and the impact of the effects and responses according to taste, Which requires the interior designer and recipient dimensions of mental expertise, cognitive, aesthetic and social achievement of the design and also adopts the goal of design, (On the understanding of the concepts on the level of technical performance, which in recent years has caused some variables and significantly to the design structures that are formed through the selection of these compositions, Based on the factor of organization and regeneration to collect elements according to the techniques of innovative design [18], Which means that many of the designs acquired meanings of a certain purpose, based on the structural rules of construction at the level of technical performance without which can not create a system that contributes to the completion of innovative design work, Which indicates that the interior designer does not take the prevailing method of sensory expression through the presence of material elements only, but emphasizes in the search for the elements of the design goal through the study of uniqueness and excellence and renewal, depending on the course of design modifications from different sources to create designs that fit the times
Hence, the elements of the design object are adopted as an effective factor for the sustainable environment through the following: 
(Sense of balance of environment levels nature based on the innovative relationship between the parts, which creates a comfortable feeling for the recipient, making them compatible with the cognitive and conscious levels of that environment), [13].
* The diversity of the natural environment configurations gives the interior space an objective that is clear to the recipient because of the nature of surprise and vitality (diversity also represents a design unit which catalyzes the other formal organizational relations, whether in color, shape or size). [19]
* The proportionality between the composition of the vocabulary of the natural environment is based on a set of (visual relations between the total design configuration and its parts, and
even includes the relations of the parts with each other, studying the ratio of the part to the whole or all to the part or part to the other part ...). [20].

* The internal space, including the natural environment within the unit of the faculty to give it an aesthetic value, which earns a consistent meaning, (since the good design must have a clear unity and the purpose of linking the parts, in the relations of the organizational form based on the basis of the integration of all other relations With some of them within the design output), [21].

* The use of repetitive rhythms resulting from harmony according to the composition of the vocabulary of the natural environment within certain intervals and periods,(To organize a series of beautiful design configurations, to break the monotony with the achievement of optical tension of a certain goal by changing periods (intervals)Between elements or by changing the characteristics of the visual properties of elements (such as color, texture, size) , [7].

* Study visual perception, which represents the process of interaction between the recipient and what he perceives as a prerequisite for being pregnant with visual information. Thus, Gibson pointed out that the purpose (of our visible world is the recognition and extension of dimensions or distances. It also includes surfaces, borders, bodies, as well as what this world represents from inter-space interactions. In the end, it is full of things that have a meaningful meaning in our senses), [22]

* The study of space organization, which depends largely on the perception of what the user sees for space from a space scene.(That the impact of patterns of organization will have reactions to the recipient of these spaces is not the analysis of the organizational pattern of space, but deals with the space scene by studying the reality ,With regard to the study of internal determinants, the organization of their schemes would be within organizations that may be in accordance with the function of internal space), [23]. In order to get the best performance and it also depends on the number of study spaces allocated to the events within the building as a whole Or within the interior space, which is distinguished by the selection of visual and material elements in a consistent manner according to an integrated organization to achieve the goal of the interior designer.

* The design goal of the sustainable environment is linked to the study of the assertion of one of the elements of the design form of the natural environment within the determinants of internal spaces (sovereignty is a center that attracts attention while retaining the design work unit) [20].

* The configurations design within the interior spaces is the response of the interior designer to the conditions and requirements of the aesthetic and functional aspect of the designed space, taking into account the material used and the technique expressed in the design style [16].

* (Study of the relationship between the shape of the specific elements of interior spaces and design configurations, which is an important relationship to be taken when using internal design relations in the interior space, within groups that help define the shape of internal space), [19].

* (Study the nature of the structural system used and its elements and relations with other spaces, because each building a certain pattern in the order of these elements and each pattern of geometric characteristics according to the shape of the internal space to which it fits), [19].

3. Research methodology and procedures:
Due to the nature of the research, the researcher adopted the analytical descriptive approach (content analysis), which is one of the scientific research methods in order to identify the elements of the design goal, which in turn contributes to the sustainable environment, because this study requires knowledge of all its details, relying mainly on the theoretical framework to achieve a comprehensive goal of research, through the study: first design idea and second: the elements of the design objective.
4. Research community and design:
Since the research study is concerned with the study of the design goal as an effective factor for the sustainable environment, the selective method was adopted as the research sample was as follows:
- Interior spaces for living rooms (residential house in Holland)
- Interior spaces of living rooms (residential house in France)
These samples were selected according to the following justifications:
1. Adopt diversity in the selection of interior design designs, as well as the level of diversity in the use of different techniques in the manner of implementation, achieving the design goal and in line with the sustainable environment.
2. These selected models have been carefully designed for the effectiveness of the design objective as an effective influence of the sustainable environment.

5. Analysis of the first model:
The elements of the design goal as an effective influence of the sustainable environment of the interior spaces within the living rooms (residential house in Holland).
The design objective was linked to the construction of sustainable green environment based on the study of the internal intellectual design of the ecosystem, which formed the aesthetic relationship between the recipients and the environment through its distinction of ecological unity within the concept of natural environment as well as its functional role. In addition, the concept of the natural environment is linked to its complexity, which is composed of several elements with multiple relationships, which have shown the internal environment a feeling of comfort and pleasure, as in Figures 3 and 4, as expressed by the fruit of the creative process, through the sense of harmonious interesting as in Figure 5. Hence the role of interior designer in the study of structural values that contribute to the aesthetics of the natural environment through what the internal space showed, including the natural environment and the unity of the faculty so as to give it an aesthetic value. Thus gaining a coherent meaning with a clear unity connected to its parts and based mainly on the integration of all other relations with each other within the design product, which in turn constitutes one of the elements of the design goal as in Figure 3. The interior designer also studied the value of diversity within the configurations of the sustainable environment, which added to the internal space of his visceral characteristics by studying the values of organizational formal relations, whether in color, shape or size, as in Figure 6. The culture of the designer has also emerged through a sense of equilibrium, as well as the study of the relative values of the sustainable environment based on the innovative relationship between the parts, making it compatible with the conscious and realistic, which made the viewer feel comfortable within the vertical parameters. In addition to the ability of the designer's idea to study the relative values between the composition of the vocabulary of the sustainable natural environment within a set of visual relations between the overall design configuration and its parts and even included the relations of parts with each other. While the designer showed his ability to use the values of repetitive rhythms resulting from harmony as in Figure 3, 4).
Taking into account the study of the aesthetic correlation of the natural environment based on the study of the value of the assertion of one of the elements of the design form of the natural environment within the determinants of internal spaces. While retaining the design work unit within the geometric values according to the shape of the internal space that fit with it, which showed a clear ability to study the spatial organization, so that it formed a center to attract the receiver as in Figure 7. In addition to seeking the internal designer to translate the requirements of the idea of mind by studying the relationship between the shape of the specific elements of the internal space and the form of space (between the formations design and back) For walls and ceilings, which contributed to the definition of the shape of space taking into account the material used and the technique expressed in the design, as in Figure (3, 4, 5). The design effect also showed cognitive efficiency based on the field of communication based on the knowledge and experience of the applied designer in the field of
design. As well as the adoption of expressive tools showing the values of the formal meaning and its implications, which in turn constitute a component of the design goal. The internal designer's reading was reflected in the content and content of the design by emphasizing the creative structure of the design idea. Through the process of formulating the technique of the material, but also to study the effect of the method of the value of an expression, which was shown as an essential tool in the construction of innovative design formulas as in Figure 8. This means that the experience of the internal designer and his style in the study of the design objective as an effective influence in achieving harmony between the content of the idea and the design and implementation, which will achieve excitement and response to the recipient. Taking into account the awareness of the value of the experience, the integrated intellectual imagination of the substantive aspect, This is linked to the nature of taste as a mental process in which the interior designer's interest is focused on demonstrating the value of the idea with the extent to which it reaches the design completeness and awareness of the designer's design experience and also adopted the effectiveness of the design effect on the attention of the interior designer to study the value of the formal elements in terms of study (characteristics, location, dimensions) with emphasis on the embodiment of forms and background, which showed the spatial organization.

6. Analysis of the second model:
The elements of the design goal as an effective influence of the sustainable environment of the interior spaces within the living rooms (residential house in France).
The role of interior designer in the study of structural values is to contribute to the aesthetics of the natural environment through the internal space, including the natural environment and
the unity of the faculty so as to give an aesthetic value to him, It also gained a coherent meaning with a clear unity connected to its parts, which is based on the integration of all other relations with each other within the design product, which in turn is a component of the design goal as in Figures 9 and 10. Therefore, the experience of the internal designer and his method in the study of the design goal contributed as an effective influence in achieving the harmony and harmony between the content of the idea and the design implementation, which will achieve excitement and response to the recipient, as in Figures 10 and 11.

In addition, the concept of the natural environment is linked to its complexity, which is composed of several elements with multiple relationships, which have shown the internal environment a feeling of comfort and pleasure, as in Figures 3 and 4.

The interior designer also studied the value of diversity within the configurations of the sustainable environment, adding to the inner space of his visceral characteristics by studying the values of organizational formal relations, whether in color, shape or size, as in Figures 12 and 13. The Design objective was linked through the construction of a sustainable green environment based on the study of the internal intellectual design of the ecosystem so as to form the aesthetic relationship between the recipients and the environment, Through its distinction of ecological unity within the concept of nature environment as well as its functional role, as expressed by the fruit of the creative process, through the sense of harmonious interesting as in Figure 14. In addition to the ability of the designer's idea to study the relative values between the composition of the vocabulary of the sustainable natural environment within a set of visual relations between the overall design configuration and its parts, and even included the relations of the parts with each other, while the designer showed his ability in the process of using the values of repetitive rhythms resulting from harmony as in Figures 10 and 11.

Also adopted the effectiveness of the design effect on the attention of the interior designer to study the value of the formal elements in terms of study (characteristics, location, dimensions) With its emphasis on the embodiment of the forms and background through which spatial organization was shown, as in Figures 13 and 14. Taking into account the study of the aesthetic correlation of the natural environment based on the study of the value of the assertion of one of the elements of the special design form within the environment nature within the determinants of internal spaces While retaining the design work unit within the geometric values according to the shape of the internal space that fit with it, which showed a clear ability to study the spatial organization, so that it formed a center to attract the receiver as in Figure 12. The design effect also showed cognitive efficiency based on the field of communication based on the knowledge and experience of the applied designer In the field of design, as well as the adoption of expressive tools that show the values of formal meaning and its implications, which in turn constitute a component of the design goal. The internal designer's reading was reflected in the content and content of the design by emphasizing the creative structure of the design idea. Through the process of formulating the technique of the material, but also to study the effect of the method of value of expression, which has been shown as an essential tool in the construction of innovative design formulas as in Figures 12 and 13. In addition to seek the internal designer to translate the requirements of the idea of mind by studying the relationship between the shape of the specific elements of the internal space and the form of space (between the formations design and back). For walls and ceilings, which contributed to the definition of the shape of space taking into account the material used and the technique expressed in the design, as in Figures 9 and 11. Taking into account the awareness of the value of the experience, the intellectual imagination is integrated into the substantive aspect, which is linked to the nature of the taste as a mental process. Which focused on the interior designer's interest in demonstrating the value of the innovative idea with the extent to which the idea reached the design completion and awareness of the design experience of the innovative designer. The culture of the designer has also emerged through a sense of equilibrium as well as the study of the relative values of sustainable environmental levels Based on the innovative relationship between the parts, making them compatible with
the conscious and realistic, which gave a comfortable feeling for the viewer within the vertical parameters.

7. Conclusions

1. The two elected models demonstrated the link between the natural environment and the natural environment based on the study of the internal intellectual design of the ecosystem so that it was an effective influence based on the aesthetic relationship and its role in communication between the recipients and their environment. As well as by its characterization as an effective influence on the basis of the study of the ecological unit within the concept of nature environment as well as its functional role. In addition, the concept of a sustainable natural environment is linked to its complexity, which is composed of several elements with multiple relationships, which have shown the internal environment a feeling of comfort and pleasure.

2. The fruit of the creative process for the interior designer, through the sense of harmony of the two models, as one of the elements of the design goal, which contribute to the effective impact of the sustainable environment.

3. The study of the interior designer to the value of diversity as one of the components of the design goal, which contributes to the effective impact of the sustainable environment. On the basis of the study of the internal designer of the natural environment configurations, which added to the inner space of his inner selves clear by studying the values of formal organizational relations, whether in color, shape or size.

4. The culture of interior designer emerged through the sense of balance of the levels of nature environment as one of the components of the design goal. Which contribute as an effective influence to the sustainable environment based on the innovative relationship between the parts, making them compatible with the conscious and realistic, which made a comfortable sense for the viewer within the vertical determinants.

5. to adopt the ability of the idea of internal designer within the two models elected to study the relative values between the composition of the vocabulary of the natural environment.

Figures 7,8,9,10,11,12,13 [26]
Within a set of visual relations between the overall design configuration and parts, but included the relations of the parts with each other as one of the components of the design goal, which contributes to the effective impact of the sustainable environment.

6. The ability of the internal designer in the process of using the values of repetitive rhythms as one of the elements of the design goal, which contributes to the effective impact of the sustainable environment resulting from harmony According to the composition of the vocabulary of the natural environment within the intervals and periods to organize a series of beautiful design configurations So as to stay away from monotony while achieving visual tension by changing the periods between the elements or by changing the properties of the visual properties of the elements (such as color, texture, size).

7. The correlative aesthetic of the natural environment based on the study of the emphasis value of the special element design within the nature environment within the walls of the two models elected while retaining the design work unit, So as to form a center to attract the frequent receiver to form one of the elements of the design goal, which contributes to the effective impact of the sustainable environment.

8. The interior designer studied the nature of the structural system used according to its elements and its relations within the values of engineering according to the shape of internal astronomers. Which was consistent with them, which showed a clear ability to study the repeated space organization as one of the components of the design goal. Which contribute to the effective impact of the sustainable environment, in addition to seeking the internal designer to translate the requirements of the idea of mind by studying the relationship between the form of specific internal space elements And between the shape of the space assigned to it (between the design configurations and background), which contributed to the definition of the form of internal space.

9. The design effect of the two models showed the cognitive efficiency based on the field of communication, where the interior designer was based on knowledge and practical experience in the field of design, As well as the adoption of expressive tools that show the values of the formal meaning and its implications, and the study of design work is not only the subject matter But in the study of the interior designer to the impact of the method of value of expression, which has been shown as an essential tool in the construction of innovative design formulas.

10. The internal designer's design of the two models was embodied in the study of the design content This is in addition to the innovative construction of the design idea as one of the elements of the design goal, which contributes as an effective influence to the sustainable environment through the process of forming the techniques of materials and raw materials.

11. showed the ability of the internal designer on the basis of the selection of the substantive material and the results of the formality of special and innovative processes of implementation and demonstrated the effects of known
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Acknowledgments: To the University of Baghdad Library.