

The criteria for ultra-modern thinking and its impact on interior design

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Abstract:

Interior design is one of the most important sciences dealing with functional, aesthetic, economic, and sanitary standards that provide all the facilities. It is also one of the most important fields for the psychology and physiology of man in space and by the most important developments of modern genre thinking and philosophy in the field of art.

The world is experiencing many rapid changes in all different fields. Architecture has a great deal of this evolution, creating new artistic movements, new terms, and models that, in turn, affect interior design. (Modern design, contemporary design, and Ultra-Modern design), which adopted many of the foundations and criteria to be reached and achieved in the interior vacuum when dealing with any of them. Hence the importance of research in tracking the thought of one of the most important terms: Many designers are applying it without laying a firm foundation and rules, especially with the growing popularity of this type of design, which promotes the idea of sustainability based on solving problems of energy, limited natural resources, and so on. With a changing intellectual and cultural climate and the need to meet aesthetic and functional standards, Ultra-Modern's thought has created creativity and technical solutions and created an environment suitable for interior design

The important of the study is also to clarify the differences between modern and contemporary design thinking and the ultramodern, not to be confused with interior design. To arrive at a proposed definition of ultramodern design and establish bases and criteria for the thought and filament of ultramodern to be applied to the interior design of different facilities.

Keywords:

Ultra-modern design, Modern, Contemporary design, Creativity

الملخص

يعد التصميم الداخلي احد اهم العلوم التي تتناول المعايير الوظيفية والجمالية والاقتصادية والصحية والامنية ، التي من شأنها تهيئة كافة سبل الراحة للانسان ، كما يعد من اهم المجالات التي تهتم بسلوكية وفسولوجية الانسان داخل الحيز الفراغي وبما يتواكب مع اهم مستجدات فكر وفلسفة الطرز الحديثة علي الساحة الفنية .

يمر العالم بالعديد من المتغيرات المتسارعة علي كافة المجالات المختلفة ، تحظى العمارة بجانب كبير من هذا التطور مما يعمل علي ايجاد حركات فنية ومصطلحات و طرز جديدة والتي تؤثر بدورها في مجال التصميم الداخلي ومن اهمها (التصميم الحديث ، التصميم المعاصر والتصميم الالترامودرن) والتي تعتمد العديد من الاسس والمعايير التي يجب الوصول اليها وتحقيقها في الفراغ الداخلي عند تناول اي منها ومن هنا جاءت اهمية البحث في تتبع فكر احد اهم هذه المصطلحات

وهو (التصميم الالترامودرن) والذي يطبقه العديد من المصممين بدون وضع اسس وقواعد ثابتة له ، خاصة مع ازدياد شعبية هذا النوع من التصميم والذي يعمل علي تحقيق فكر الاستدامة القائم علي حل مشاكل الطاقة والموارد الطبيعية المحدودة وغيرها ، ومع تغير المناخ الفكري والثقافي والحاجة الي تلبية المعايير الجمالية والوظيفية ، جاء فكر الالترا مودرن ليحقق الابداع والحلول التقنية ويخلق بيئة مناسبة للفراغ الداخلي.

كما تكمن اهمية الدراسة في توضيح الفروق بين فكر التصميم الحديث والمعاصر والالترا مودرن وعدم الخلط بينهم في التصميم الداخلي . وذلك للوصول الي تعريف مقترح لتصميم الالترامودرن ووضع اسس ومعايير لفكر وفلسة الالترامودرن والتعرف علي اهم الخامات والالوان والخط التصميمي وقطع الاثاث والتي تستخدم عند تناول فكر الالترامودرن للتاكيد علي مدي استجابة التصميم الداخلي لكافة المستجدات .

الكلمات المفتاحية :

التصميم الفائق الحدائي، الحدائة، التصميم المعاصر ، الابداع

Introduction:

The world is going through many rapid successive changes in various areas of life, especially in the field of architectural production. The successive movement of development has become producing architectural forms and products that are contrary to the patterns and forms that were prevalent before, as many expressive and plastic images appeared that were not accustomed to multiple and varied forms and images in the same time and place,

This has raised questions about this diverse momentum, which is in one way or another different from the architecture of the last century. These include contemporary design, ultramodern design and other forms and currents that directly affect interior design thinking.

So we need to study these new trends, find the differences between them, and find the most important differences in order to remove the pressure and ambiguity that exists on the scene, especially between modern and ultramodern design, and between contemporary and ultramodern design, to create several criteria that can be used when applying the thought of ultramodern to interior design.

research importance:

Emphasizing the importance of ultramodern thinking in interior design, many different ideas, methods, and materials have emerged under multiple labels and without a specific identity or thought, which requires the development of several clear criteria for this thinking to be applied to interior design.

research aims:

- Definition of ultramodern thought.
- Clarifying the differences between ultramodern thought and modern thought.
- Establishing foundations and criteria for ultramodern thinking to be applied to interior design.

search terms

Ultra-modern design

Modern

Contemporary design

Creativity

Research Methodology

To reach the research objectives, the research follows the descriptive analytical deductive method.

The theoretical framework of the research

- Study of ultramodern design thinking.
- Studying the impact of ultramodern thought on interior design in order to achieve standards for use in interior design elements.

Search procedures:

Applying ultramodern thinking and criteria to the living area to illustrate the impact of this thinking on interior design.

Vision on the current architectural scene:

The architect Martin Albrow says, "The world era has actually replaced the modern era." His view was based on insight that confirmed the ambiguity of the concept of modernity, since it was always the general feature of architectural movements that went beyond the principle of stability and stability - and the Brau also recorded his doubts about the exact time for the beginning of the emergence of the current conceptual vision of the movements and designs on the architectural scene, which he defined as the last decade or two of the twentieth century. (3/p64,65)

The current conceptual vision stands in contrast to all previous visions. It is a civilization that no longer seeks the absolute truth, but is convinced by relativity. After this civilization produces coherent and meaningful forms of art, it has always adopted experimentation and new beginnings. (2/p11)

This modern vision has been the cultural reality from the last two decades of the twentieth century to the present, and it has created this distinction between peoples to try to assert identity or to reject absolute liquidity, which always leads to the domination of the powerful and to the sweeping of the weakest of his economic, political and cultural interests. "The clash of civilizations" means that the West must abandon the illusion of globalization and develop the power, harmony and vitality of its civilization in the face of the civilizations of the world. It was also this resistance that led him to recognize that the peoples of the non-Western world could not enter into the civilizational fabric of the West and were inspired by their language, religion, values, customs and traditions. (1/p43)

All these governing ideas of our time have given rise to many architectural ideas and movements, such as green, sustainable, intelligent, virtual, ultramodern, etc., that have enriched the thinking and philosophy of interior design and created different, this new concept in interior designer must deal with several criteria and principles appropriate to them.

The concept of ultramodern thinking:

It is one of the most recent concepts that has emerged in our current era and that many modern technological methods, materials and techniques are used to express and are characterized by great variation in colors, variety in linear shapes between straight and smooth and curved as an

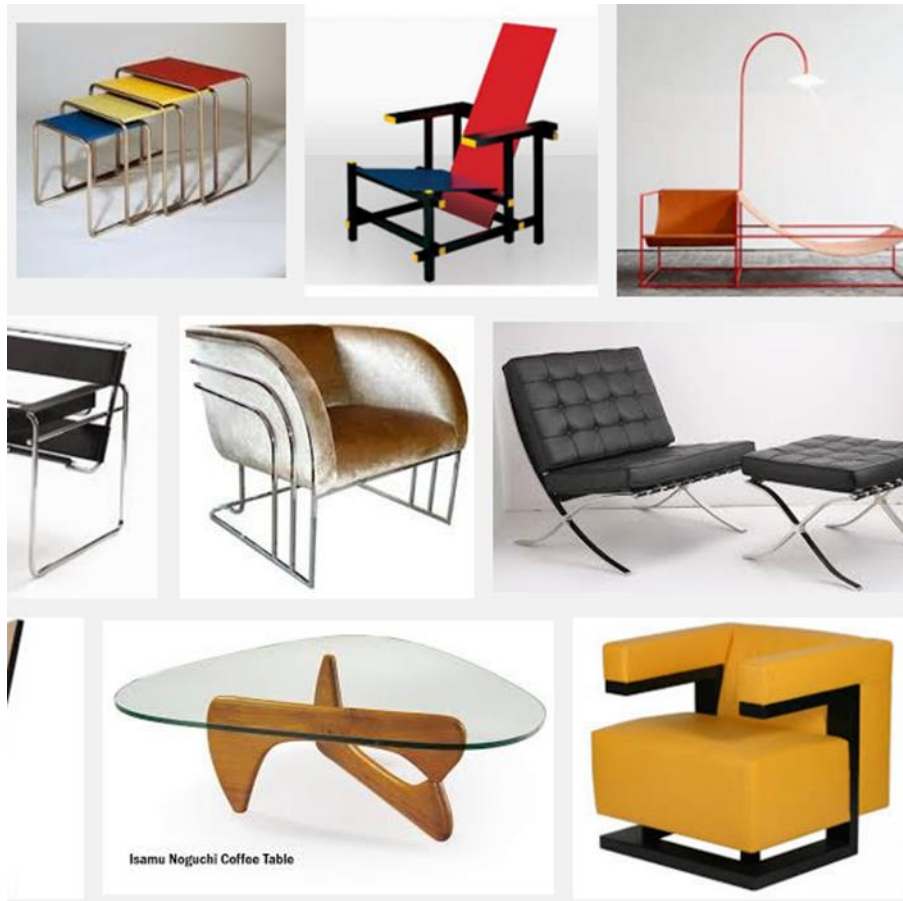
expressive language in design, and the use of more manufactured materials than natural materials Such as marble, stainless steel and acrylic alternatives, as well as some natural materials, such as glass, stone, wood, etc. (4/net)

The origin of the concept of ultramodern:

Ultra-modernism is one of the ideas of modernism, that comes in the second order of timescales of architecture, some believe that contemporary design is modern design. it used to refer primarily to the simplification of shapes and the rejection of decoration that existed after the Industrial Revolution of the late 19th century and extended into the 20th century as it appeared in the Bauhaus School Building.

The French architect Lucorpoise. and American architect Frank Lloyd Wright are some of the leading pioneers of this.

It appears that the shape of the building follows its function, it was the first step against the classical designs. Picture No. (1) shows the most important designs of the modern style .



Picture No. (1) shows designs represent modern design thought

ultramodern thinking is one of the most important ideas issuing from the thought and philosophy of modernity, which came to keep pace with modernity and technological development, as well as to break the state of boredom resulting from the repetition of ideas without clear criteria or

determinants of any thought used this has led to the emergence of many renewable designs so there is a lot of creativity

Ultramodern thinking has been very popular nowadays, as it gives the designer absolute freedom to express his ideas and add the possibilities of modern technology as well as the use of multiple materials such as glass, marble, granite, and others.

The difference between modern and contemporary and ultra-modern design:

	Comparisons	modern	contemporary	ultra-modern
1	Lines	It is a term that depends on simplifying forms and rejecting decorations. Lines vary between straight, sharp, and curved according to the school followed (modernity - postmodern - deconstruction and others....)	Using soft lines and geometric shapes with adjustment and control of their directions, as in the picture number (2)	Straight and fixed lines and a few smooth and curved lines
2	Color	Colors vary between monochromatic, neutral, and various color schemes.	The colors are characterize by calmness and sobriety, as the use of white and black and natural wood colors in gradations, as in picture No. (3) showing the colors and materials.	Colors are characterizing by strong and obvious variation, such as the usage of black and white - or white and blue. Others also tend to use neutral colors and natural colors of the materials such as wood and marble
3	Materials	Use a new raw materials and advanced construction systems	The use of natural materials such as (bamboo, light sources of solar energy , solar panels , green buildings , sustainable use and the recycling of materials) all used to create buildings with sustainable materials	It uses all kinds of material, natural (such as wood and marble), industrial,(such as glass and alternatives of marble), as well as recyclable materials(such as bamboo - vinyl - stainless steel - acrylic)

4	Distribution	Asymmetrical distribution of space and furniture	Interior design elements, free spaces and movement corridors form the vacuum of interior architecture as a whole	Reliance on asymmetrical distribution of space and furniture
5	Architectural elements	The use of strong linear elements by designing the building's exterior, windows, stairs, and ceiling	The idea depends on making integration between the elements of architectural design, interior design and the surrounding environment to achieve the unity in the design	Architectural elements to highlight the composition and using materials like natural wood
6	Furniture	It produced many international models such as the Grit Ritvelid Chair - Piet Mondrian style	Furniture are designed to fit the interior space and implemented as a especial requirement for it.	Many pieces of the distinctive nature of this thought have been designed, Italy is the mother home of the origin of ultramodern thought (7/net)



Picture No. (2) shows the most materials which are used contemporary design



picture No. (3) shows the colors and architectural elements in contemporary design



picture no (4) showing the difference between the contemporary architectural style (on the right) and the modern style (on the left)

Criteria and Basics of Ultramodern design:

After making comparisons between modern, contemporary, and ultramodern design, it becomes clear that several basic criteria must be addressed when applying this thought in interior design in its various fields

Materials:

Ultramodern is using materials with the following specification are used: -

- 1- Renewable
- 2 - Recyclable
- 3-large and long life expectancy
- 4- The most important of these materials are: (wood - marble - bamboo, acrylic, stainless, metal, marble, vinyl)

Wall Painting:

- 1- Use non-toxic materials
- 2- Painting made from natural raw materials are used
- 3- to create a focal point and bring color and visual attention to a sparsely decorated

Flooring:

Ultramodern flooring uses materials with the following specification:

- 1- Renewable
- 2-large and long life expectancy
- 3-The most important of these materials are: (wood, marble, acrylic, vinyl)

Furniture:

- 1-Wood and glass are the most important materials used in furniture manufacturing it gives warm, visual attractiveness, and clearer vision that it adds.
- 2- Use of modern materials such as stanzas Steele and the addition of sophisticated lighting techniques in the internal lighting of furniture.

Lighting:

- Particular attention has been paid to lighting because of the design aesthetics it highlights.
- Light sources are multiple, directly or indirectly, and light units of different levels used for lighting
 - the color of light is almost white and clear (5/net)

architecture elements:

- The ultra-modern style emphasizes the architectural elements in the architectural composition and accentuates them through various materials such as the use of:
Stainless steel and natural stones of all kinds in the main entrances with an emphasis on natural lighting through the light of the sky and all forms of ceiling openings.
- Glass is used as an essential element in the windows to be shown as a panorama.

Colors:

- White is the dominant color in ultramodern design as well as black in some simple touches to highlight the configuration.
- Some materials are used in their natural colors, such as wood and marble

Analytical study of some models based on ultramodern design:



picture (5,6) shows two models of tables designed by Italian designer Bardini
It made of glass with the ripple design lines of ultramodern thought



Picture No. (7,8) Emphasis on the visibility of architectural elements and the use of sustainable natural materials, with emphasis on the provision of energy used in expressing the ultramodern thought in an Ultra-Modern Home in Orinda, California by Faulkner Architects.



Picture No. (9,10,11) shows the usage of streamlines and modern techniques of materials and indirect lighting with colors to express the design of the ultramodern.



Picture No. (12,13), shows the usage of contrast using (black and white) and (white and blue) and indirect colored lighting in the ultramodern design.

Using ultramodern design around the world:

There's a growing demand for ultramodern-based designs that also realize sustainability thinking based on solving problems of energy and limited natural resources. With the changing intellectual and cultural climate and the need to meet aesthetic and functional standards, the thought of Ultra-Modern has brought about creativity and technical solutions and created an environment suitable for the inner vacuum, which has attracted many celebrities, especially artists in different countries.



Picture no (14) showing the kitchen of famous actress Jennifer Lopez based on the thought of ultramodern

In Jennifer Lopez's Manhattan apartment, the kitchen was designed by the renowned Italian design company Arklenia, without the owner's touches, represented by a green plant. There, the vaults look hidden, while the pair of stainless steel shelves, with two shelves dishes and cups on the island, are converted to the simple contemporary style.



Picture no (15) shows the kitchen of famous Beyoncé based on the thought of ultramodern.

In Beyoncé House, located in Beverly Hills, touches related to contemporary decoration are evident in the highly elaborate kitchen. And its shiny white paint, the wood vaults, and the stainless steel.



Picture no (16) shows the kitchen of famous Calvin Klein based on the thought of ultramodern

The kitchen is radiating at the home of renowned American fashion designer Calvin Klein in Florida, especially since white controls his shiny lockers. The kitchen has a welcome space, and Isle has a grey surface aligned with electrical tools from the Stainless Steel.

Advantages of ultra-modern design:

- 1-The ultra-modern spaces are designed to be merged with nature on the outside and give a chance to the owner to expansive views on the inside.
- 2- Indoor living room feels like an outdoor living room; because the uses natural materials and exposes views through glass walls and floating terraces.
- 3- spaces that flow into each other. Ultra-modern design values open spaces where energy can flow freely and homeowners can move easily from the kitchen to the living area to the home office.
- 4- building ergonomic living spaces. Comfort is a key goal in ultra-modern design. Ergonomic floors, chairs and sofas are an integral part of a well-designed home. (6/net)

Disadvantages:

- It is one of the most economical designs and is not suitable for all classes.
- It needs a large space to provide all its requirements.
- ultra-modern design needs modern materials with advanced technology.

practical project (living room):

The idea of the applied project is based on the realization of the criteria and fundamentals of modern thinking ultra in the interior design of the living space in the residential area.

- 1- The use of materials that enrich the design and enhance the composition, including stainless steel, industrial wood, plastic paints, modern fabrics, and textiles with various textures.
- 2-The choice of a color scheme inspired by ultramodern thinking that adopts white as a base color with natural wood colors, adding touches of blue to add activity and vitality in the space.

3- The use of direct and indirect lighting, which relies on slits, sidelights, and white medium lighting units, serves to highlight the design.

4- The use of an Industrial floor with a natural wood feel and color, inspired by ultramodern thinking, thus enriches the design thinking of the interior void space

5- The furniture reflects the power and achievements of ultramodern thinking with curved lines, the use of wood, stainless steel, and the installation of interior lighting for some furniture to give them an aesthetic value.



Picture no (17) shows the use of different materials, wood, varnishes, and the most important metals such as stainless



Picture no (18) shows the Use of different colors, white, natural colors of wood, and the addition of touches of blue



Picture no (19) shows the Curved furniture and optimal use of architectural space.

Results:

- 1-A suggested definition has been proposed
- 2- There are differences between ultramodern design, modern design, and contemporary design.
- 3- There are foundations and criteria for ultramodern design, when applied to interior design.

Analysis of the results:

There is a specific and obvious definition of ultramodern, which allows us to identify it from other trends and models. It also has several criteria that permit designers to apply them in the interior design and furniture field, which allows us to keep pace with global thinking and contributes to the awareness and cultivation of all that is new around us.

After discussing the results, we recommend the following:

Recommendations:

- 1- Emphasis on the study of modern trends that exist worldwide, including ultramodern design.
- 2- The need to take into account the differences between ultramodern design, modern design and contemporary design.
- 3- The application of ultramodern criteria in interior design and furniture in order to keep up with the world.

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