



منهج التفكير الإبداعي في تصميم الجوانب الفنية والجمالية لأنظمة فضاءات السلام الداخلية في التصميم الداخلي

A creative thinking approach to the design of functional and aesthetical aspects of internal stairs spaces systems in interior design

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Abstract:

The internal space one of the most essential elements in specialty interior design, it is the raw material that deals with interior designer at work models and stairs design of any place, Within into the interior space we do not move, but we see shapes and hear the sounds and deal with them and interact with them, The internal space acquires its functional and aesthetic character of the sum of these factors.

The inner space is what meets the functional requirements in interior design, and consists of irregular vocabulary and design elements meet the special relationship of the function performed within it, we can say that the interior space serves as identification in the building as a whole.



The internal space is determined by the determinants of host around a fixed vertical columns and horizontal floors and ceilings, and a transitional elements include stairs, doors, windows, stairs functionally longer corridors vertical transition between the levels of various construction.

It is through the study and application of the concept of creative thought and indications for stair as an element of the design models can be prepared templates and design stairs rules appropriate for systems design stairs of the internal spaces, which should be the side concerned with career in the interior design and aesthetic, and are not interested in one at the expense of the other both must complement each other.

The design stairs as one of the important factors in the interior design in the modern age is not necessarily the internal space in a specific place, but amendments to this thought and has a limited through creative thought the role of the functional and beautiful match in the same time with architectural design interior space, an investigator at the same time relations with integrated design elements design furnishing and stairs design inside interior spaces.

Keywords:

Creative thinking: mental process aims to assemble the facts and see the materials and expertise and information in buildings and structures to clarify the new solutions.

Interior spaces: spaces is of special or general standards, the spaces characterized by specialization and be at the disposal of a fixed number of individuals can use when demand.

System: is a set of elements that are linked together relations are governed by rules to achieve a specific purpose within dimensional space represents the system boundary.

Position: is the reaction conditions, which achieved its goal of thing where every product is characterized as having a specific function performed are required to reach a certain eventually to perform the designer meets the purpose for which the product.

- Aims of research:

- 1- Finding a complementary relationship between the functional aspects of stairs inside internal spaces with aesthetic aspects and creativity by design stairs to design elements and vocabulary.
- 2- Try to access the roll less understanding of distinct design highlights the dynamic objects relationship between the functional and aesthetic aspects at work solutions systems design stairs within the interior spaces.

- Problem of research:

- 1- No real mechanisms for linking the job requirements through internal stairs design wizards within the internal space with aesthetic design elements side stairs.
- 2- Functional aspect in the design of stairs within the interior spaces at the expense of aesthetic and creative side to design the rest of the components of the design as a whole.



- **The importance of research:**

- 1- Possibility of actual use of the aesthetic aspect when do stairs to interior design of stairs and linked with the functional aspect of stair within the interior spaces through innovative thinking for interior designer.
- 2- The importance of selecting of stairs within the interior spaces as appropriate shape and correct, which is achieved through the integration of the relationship between functional and aesthetic aspect in the interior spaces of systems of internal stairs.

- **Research methodology:**

- Follow the descriptive analytical scholar to study the elements and components of the stairs as an element of Interior design, relevance to other interior design elements.

- **Results:**

1. The standard is the basis for the functional design of any stairs, which is based on several important factors, the most important security and easy up and down (which is to the high, and both width some degrees of stair), and also depend on the width of the stairway itself.
2. The shape and dimensions of the internal space largely determine the overall shape of interior design of processors that can be applied within the interior spaces, which include the interior design of systems stairs.
3. The Interior Designer's interest in systems design stairs aesthetics at the expense of functional values which must be followed in the design of stairs can lead to product design impractical, cannot achieve the most functional standards required in the design of stairs and is safety, and generosity in the use of stairs up down.
4. Achieving a pro-rata between the volume that element holds stair in the inner space with the width of the stairway component of the ladder stairs is one of the important elements in the design of the stairs systems, as well as the site where stair is placed inside the inner space.

- **References:**

- Ching, Francis D.K, (2006), Interior design, illustrated, Van Nostrand Rein Hold Company, New York.

Reply to some remarks:

-Includes title (**functional and aesthetical aspects**) and not just (**the design**):

The answer:

To give specialized research by focusing on those aspects only, and that the main components of internal research rely primarily on the functional and aesthetical aspects.