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# The Efficiency of Spatial Design between Interior Design Components and Environment

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# Abstract:

Nowadays continuous attempts are addressed to improve human life, especially in modern countries. Now Designers are focusing their attention to raise public awareness of design issues. This led to the appearance of a new style of design "spatial design or design of the space".

This style that overcomes the boundaries of traditional disciplines "architectural design - interior design - site coordination ...", seeking a link between all of these disciplines and the place and people to provide an environment characterized with high efficiency and serve all human purposes and needs .

There is no doubt that there is a close relationship between the field of Interior design and Spatial design , as it is a requirement for this new style of design . In which requires an understanding of the designer to the requirements of the design process and its "social, cultural, economic and environmental considerations. Where each stage is subject to the next one in reciprocal process targeting a design aiming to achieve an integration between the final form of the building, the inside and outside, in addition to the surroundings .

The research Problem addresses the: lack of correlation between the traditional disciplines of design which creates a situation of conflict in design trends and differences in ways of thinking and methods of dealing with a single building. Finally leading to a failure in the different stages of the design process, resulting in a contradiction between the overall outside shape of the building and its interior designs and elements of furnishing. As a result of this dilemma, one building stands speaking several different languages, this building losses sight of identity and lack of clarity and harmony.

So the research dictates that: the application of the concept of spatial design contributes effectively to achieve a balance between the needs of building users and the place.

The research aims to clarify the role of the interior design to fulfill the spatial design objectives, where the building is considered as an integrated system, "both externally and internally" linked with the surrounding environment integrating in a positive way.

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#### Key words:

Spatial Design - Interior Design - Architectural Design - Iandscape design - Urban design - Interior designer .

### Statement of the problem:

Separation between the traditional disciplines of design, which creates a state of conflict in design trends. Also differences in thinking ways and methods of dealing with a single building, all of these eventually, lead to the creation of shortcomings in the design process with it's different stages, resulting in a contradiction between the overall shape of the outside building and it's interior designs and elements of furnishing. So the result will be one building speaks several languages, at which loses sight of identity and lacking of clarity and harmony.

## **Hypotheses:**

Applying the concept of spatial design contributes effectively to achieve a balance between the needs of building user and place.

## **Objectives:**

Clarify the role that could be played by the interior design to help heal the rift between the traditional disciplines of spatial design in order to achieve the purposes of Spatial Design at which considering the building, an integrated system, "both externally and internally" associated with the surrounding environment and deal with it positively.

## **Methodology:**

The idea belongs to the analytical method to explore the elements of the research problem concluding the design solutions.

### **Results:**

1. Spatial design is a pattern of design aims to combine between traditional disciplines of design and harnessed it to serve an individual with an image that checks his coexistence with construction.

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- 2. Designer is the fulcrum point of spatial design thoughts. And by his recognition of importance of communication and integration with the design disciplines, he will be able to find a formula which translates the needs of the individual.
- 3. "The building and the surrounding environment," is one entity, that should speak one language and characterize with conformity, clarity and unity of identity and cultural of his community.
- 4. Historical styles and modern schools of design are a record which learned by generations in attaining balancing and integration of design, which called by spatial design.
- 5. Spatial design should be a necessity with the acceleration of the contemporary challenges to achieve uniqueness and creativity.
- 6. Many of the new complexes Egyptian environments in isolation from the spatial design thought, lacking of vital and cultural urban, which been designed on a western basis and values without docking with the surrounding community.

# **References :**

- 1- Ashraf M. Salama, <u>Spatial Design Education: New Directions for Pedagogy</u> <u>in Architecture and Beyond</u>, 2015.
- 2- Badr E , Dr, Contemporary interior design between heritage queries & sustainability concepts 2012.
- 3- El Lafy G , Dr <u>Design areas between separation & integration</u>- EL Merath for publishing & Distribution 2011.
- 4- Geoff Boeing, <u>LEED-ND and livability Revisited</u>, Berkeley Planning Journal, 2014.
- 5- Ghaith K, El Karablia M <u>Artistic Design Fundamentals</u> Arabic society library First Press 2007.
- 6- Hashem O, Dr <u>Integration between organic architecture & interior</u> <u>design and their relationship with Egyptian urban environment</u> – Faculty of Applied Arts – Helwan University - 2000.
- 7- Ibrahim A, Dr, <u>Building architectural thought and the designed operation</u> Center of planning & Architectural studies - 1987.



- 8- John Pile, Judith Gura, History of Interior Design, third edition, 2009.
- 9- Kenji Komoriya ' <u>Interior Design Concept and Planning</u> '; Harajuku Livin; Japan; 1998.
- 10-Mahgoub Y., Dr., <u>Spatial design ' Environment Bulding Humen '</u> under press 2014.
- 11-Mahgoub Y, Dr. Architectural design methods EL Kuwait 2012.
- 12-Raafat A., Dr., <u>Triple architectural creativity</u> ' <u>Environment and space</u> ' Interconsulte research center – 1996.
- 13-Shawky E, Dr. ' <u>Design Elements and Basics in plastic Arts</u> El Amal for pressing & publishing Second Press 2001.
- 14-Yakoub H , El Mawsawy H <u>Planning & civilized design</u> First Press 2006.
- 15-<u>www.ar.wikipedia.org</u>