

Study of interior design and topology to use space in contemporary home

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Summary:

Studying function in designing modern homes has become a must. This is because of Contemporary housing conditions in Small spaces for youth

By the appearance of small spaces, it has become a must to cope with the frequent changes of daily life. The function in designing modern home is a result of technological development. So, it gives larger space in home. It is possible to turn residential space according to the user needs. As a result, it allows some usage for small spaces to reshape spaces with changing time per day depending on the activity. Moreover, it is necessary to make it easy to change the design shape and its function to suit the future needs of the users

The importance of this interior design is shown in how it turns small spaces into multipurpose spaces. It also keeps this smart home an economical one to simulate all the classes in the society. This is by design processing whether in interior design in spaces or design in furniture using technology and sustainable materials

The research problem

The problem lies in making sure of the possibility to use small spaces and the perfect solution to the interior design, holes design, flooring interior design and furniture design according to the small spaces in contemporary home

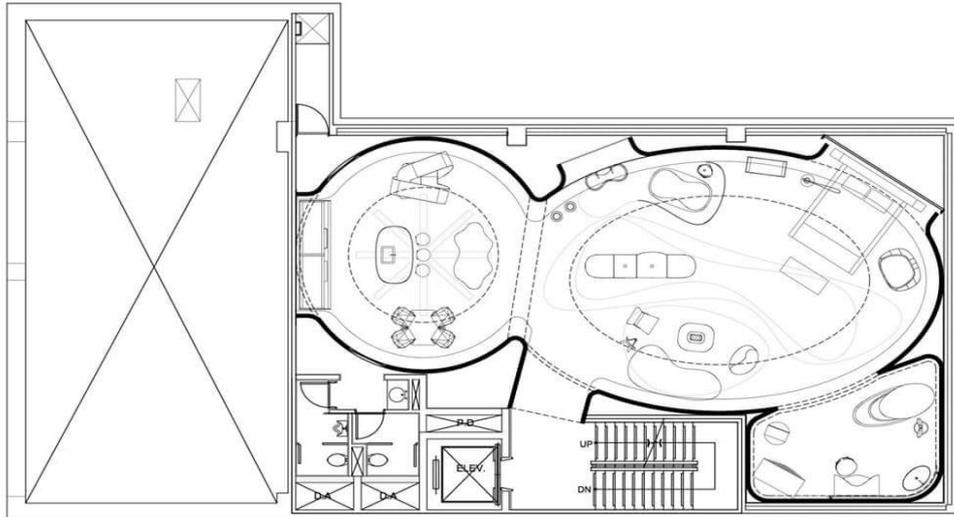
The research Target

The target is to test and turn small spaces in contemporary home to multipurpose spaces and design innovations. It also aims to create new ideas in interior design and furniture by sustainable technological ways and smart design treatments of the interior spaces.

-Theoretical research results and recommendations.

Key words:

Design processors – Design – contemporary home



Picture 3) illustrates a design by the designer Karim Rashid for the idea of distributing the brushes in a studio with a streamlined idea and furniture in harmony with the architectural line of design

Results:

- 1- The importance of the role of the interior designer in creating new designs to convert small spaces into multi-purpose spaces.
- 2- The necessity of linking the architectural design, the interior design and the internal movement planning of the space, the basis for the success of the planning process.
- 3- Space planning needs a complex organizing process between many internal elements and systems, which vary to fit each space.
- 4- The importance of design treatment of internal space and duplication of use, taking into account the needs of the user of the place.

Recommendations:

- 1- The necessity to achieve coherence in the design of modern housing with small spaces to fit the Egyptian identity.
- 2- The necessity of studying the interactive relationship between design thinking, developing and changing shapes and innovation that are suitable for multi-purpose spaces, thus helping to achieve creativity and create innovative design treatments.
- 3- The study recommends the application of treatments to cut furniture in proportion to the interior design of small spaces.
- 4- Take advantage of design theories to link the design between furniture and interior design in multi-purpose spaces.

Arab and foreign references:

1. Ahmed Samir Kamel: The Integrated Use of Space in the Egyptian Housing with Small Spaces, MA, Faculty of Applied Arts, Helwan University, 2006, p. 49.
2. Tamer Ali Saleh - Standards and foundations of planning in interior design, PhD thesis - Faculty of Applied Arts - Helwan University - 2010 pg 139
3. Gehan Mohamed Selim - The Impact of Globalization Stream on Egyptian Culture and Architectural Identity - Master's degree - Cairo Engineering 2000, p. 41.
4. Abdullah Fouda, Environment and Architecture, unpublished MA Thesis, Faculty of Engineering, Cairo University, 1991, p. 27
5. Dr. Mustafa Ahmed - Interior Design (Art - Industry) - Arab Thought House - 2001 - P.14
6. Farouk Abbas Haidar: Town and Village Planning, Madbouly Library, 1994 p. 3
7. Manal Yahya Tawfiq: An Introduction to Monitoring and Analysis of Distinguished Housing in New Urban Communities from the Perspective of Achieving Human Needs, MA, College of Engineering, 2000, p. 84
8. Salwa Ahmad Muhammad - Housing, Housing and Environment - Dar Al-Bayan Al-Arabi - pp (15-16-17-97).
9. Sami Badr El-Din Serag El-Din: Monitoring, analysis and evaluation of housing for low-income groups in Egypt, Master's degree, Faculty of Engineering, Cairo 1993, p. 24
10. Yasser Saeed Al-Kafrawy: Methods of housing development designed to meet the changing needs of the population, Master of Engineering, Helwan, 2003, p. 4
11. Methods of dividing the interior architecture space - Master's thesis - Samah Salah El-Din Ali Shalaby, Helwan University, Faculty of Fine Arts, Department of Decoration, 2002