



## The Role of New Materials and Interior Architecture in Improving the Quality of Interior Architecture with Emphasis on the Psychological Needs of Women

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### Abstract

The purpose of this study was to investigate the role of new materials and interior architecture in improving the quality of interior space with emphasis on the psychological needs of women. The research statistical universe included all the references and texts on new materials and interior architecture. The sample encompassed the interior architecture with emphasis on the psychological needs of women. The research design was descriptive-analytical. Data were collected through library methods and research databases related to the field of modern interior architecture. The extracted data were then interpreted and described according to the psychological needs of women. The results showed that in the past, Iranian housing paid more attention to the needs and spiritual desires of women and engaged in their daily activities with complete freedom and peace of mind, but today, with a more advanced life and a greater impact of living costs on beauty, the spirit and diversity left the houses and have been replaced by monotony and daily life routines. The dual effect of interior architecture approach on the quality of interior spaces through correct and logical design in accordance with women's physics and reasonable choice of materials appropriate to their mood and mentality, could provide a suitable environment in accordance with the psychological needs of women in residential spaces. Therefore, the main goal could be achieved by using light and warm colors (vibrant colors orange, light red, lemon) on large surfaces and not using dark and opaque colors in small spaces. Also, observing the height proportions and dimensions of the space and breaking the symmetry in order to prevent uniformity in the space could be helpful. And the use of new materials in the floor, ceiling and walls to control the heat and variety in texture, color and shape, change in shapes and home furniture facilitated the dynamism and facilitation of life and daily life for women.



## Extended abstract

**Introduction:** In the past, housing, both for the commons and for the privileged, brought two common elements of peace and presence. Today's houses are limited to the size and number of rooms, and there is no "considers to the residents", and more than ever, women have become alien in their homes and feel a lack of harmony and peace. Today's housing, unlike in the past, lacks spirit and spatial qualities. What is present in the lives of women today are cold apartments devoid of harmony and warmth of life, surrounded by heterogeneous furniture and space. What is present in the lives of women today are cold and empty apartments of harmony and warmth of life, which are surrounded by furniture and heterogeneous space. Of course, to facilitate this process, you can use the architectural design of the interior and the use of appropriate geometry and the use of new building materials. One of the important dimensions of human differences is gender, and it seems that gender is related to people's attitudes and perceptions of phenomena. Different people may have different perceptions of each other when confronted with space. Such an independent issue had been less studied and the results of such studies could have a significant impact on improving the quality of human environments. Feminine language in architecture is a language that contains feminine qualities and tries to disrupt the patriarchal structure. This view is followed by organic architecture and change from the inside out, which is a subset of the feminine perspective and the mechanical perspective of the present, which is masculine. Today, modern technologies of the world provide special capabilities to architects, so that architects can use them to study the materials and structures of modern scientists and turn it into a circle of tools. Adaptation to the current science and technology has enabled the use of new materials in architecture and has created a great change in the construction industry. Due to technological advances, they offer various and attractive products for home decoration, the use of these products to beautify the indoor environment, especially the kitchen, has become popular among the people. Identifying the spatial and aesthetic needs of women in architecture and how to use architectural techniques and new materials in meeting the psychological and environmental needs of women in architecture is important. There is a need today for a new perspective on housing for the benefit of women to grow, develop their personality, and improve their spiritual dimensions. Providing infrastructure for tranquility, tranquility and dynamism is one of the most important pillars of interior architecture and ensuring the mental health of women, and as a result, the development of the family and society. Therefore, the purpose of this study was to investigate the role of new materials and interior architecture in improving the quality of interior space with emphasis on the psychological needs of women.

**Method:** The research statistical universe included all the references and texts on new materials and interior architecture. The sample encompassed the interior architecture with emphasis on the psychological needs of women. The research design was descriptive-analytical. Data were collected through library methods and research databases related to the field of modern interior architecture. The extracted data were then interpreted and described according to the psychological needs of women.

**Results:** The results showed that in the past, Iranian housing paid more attention to the needs and spiritual desires of women and engaged in their daily activities with complete



freedom and peace of mind, but today, with a more advanced life and a greater impact of living costs on beauty, the spirit and diversity left the houses and have been replaced by monotony and daily life routines. The dual effect of interior architecture approach on the quality of interior spaces through correct and logical design in accordance with women's physics and reasonable choice of materials appropriate to their mood and mentality, could provide a suitable environment in accordance with the psychological needs of women in residential spaces. Therefore, the main goal could be achieved by using light and warm colors (vibrant colors orange, light red, lemon) on large surfaces and not using dark and opaque colors in small spaces. Also, observing the height proportions and dimensions of the space and breaking the symmetry in order to prevent uniformity in the space could be helpful. And the use of new materials in the floor, ceiling and walls to control the heat and variety in texture, color and shape, change in shapes and home furniture facilitated the dynamism and facilitation of life and daily life for women.

**Conclusions:** Home decoration and interior design can solve many behavioral problems of women and help to improve their mood. In other words, the interior decoration can be an inexhaustible source of vitality and tranquility. In general, the effect of interior design is twofold: one is the effect of design on the space being designed and the other is the effect of space design on people. By changing this procedure, the spaces can be designed suitable for women. The psychological needs of women in residential spaces can be met by using light and warm colors (vibrant colors orange, light red, lemon) on a large scale and not using dark and dull colors in small spaces. Also, observing the height proportions and dimensions of the space and breaking the symmetry in order to prevent uniformity in the space can be helpful. The use of new materials in the floor, ceiling and walls to control the heat and variety in texture, color and shape, change in shapes and home furniture facilitates the dynamism and facilitation of life and daily life in women.

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