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Architectural Design Criteria of Socio-Behavioral Approach toward Healthy Model

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Abstract

More Healthy architecture and urban planning is one the most challenging issues in contemporary era. Nowadays human being jeopardizes his health because of living in the modern urban spaces, modern cities and especially modern residential buildings. Therefore it is obvious that we are in need of socio-behavioral approach in order to establish more healthy houses and cities. But how more healthy houses and cities can be built? And how it can be performed? To fulfill this task, the healthy model of design should be developed and its architectural design criteria should be clarified, which is aimed in this paper.

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1. Introduction

1.1. Necessity and importance

The importance of equation in architecture is not in need of discussion. Equation is the basic of healthy in all existence of the world such as nature, body even artificial constructions. There are critical illnesses

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when nature, physical and mental of body keeps out of way equation, for example, when there are floods, water or rain increases dramatically or there are sever and hot wind; and it blows very fast. It means, there are not equation and it leads to was ruined many things. In this moment we say "there is a disaster". This existence can be in our mental and physical in my body when dryness, moisture, heat or cold increase or decrease significantly. We do not have stable in my body; therefore we are some illnesses. Consequently, if we want to live to high quality, we must follow about every aspect of equation, and respect to the nature organization.

1.2. Equation in architecture and healthy design

Equation is a lesson which has learnt from the past especially traditional architecture of Iran (TAI). In TAI, there are two important points. The relationship with cultural environment or cultural valuable and another is join with nature and native environment both of these valuable have deep roots in proportions. Proportions are the mysterious keys that surround space of architecture. The most familiar proportion system is the golden's proportion that Iranian believed it. This proportion inspires from the nature of Iran, the amount of the sun shining, length of days in summer and winter and the climatic conditions of each part of territory that have many different temperament appoint how proportion on basic of follow the model of nature lead to equation in artificial construction. Although, proportions and numbers appoint the harmonious form in world and life organization, but this is very superficial because of the fact that, the proportions and numbers can cause the basic equation in life organization. Having deep roots in world and body generation and that is proportion about four elements. Only the numbers that have the root in the forth proportion can be in conformity the forth in nature organize with the forth in human body. Conformity of the temperament of the nature with the temperament of the human body means unity to all the world organization. A glance to TAI shows that equation plays a key role in formation of healthy design model.

1.3. Scope of purpose

This is one of the most important of issues of proportions and numbers knowledge. This conception is about the quality of all the world existence. Therefore, the numbers and proportions knowledge have the leading role in the entire world. Literature review of sustainable housing declares that equation is one of the most important aspects of architecture. There were considerable number of studies regarding to this subject but there ignore the influence of the equation in healthy design. Now, there are this question how can obtain from the traditional architecture and archetype the property of equation in design?

1.4. Research questions

- 1- What are the most determining issues in healthy housing?
- 2- What are the impacts of socio-behavioral aspects healthy housing model on the design criteria in architectural design?

1.5. Research method

Logical argumentation (Groat & Wang, 2002, pp 301-304) has been research method of the paper. Descriptive-analytical techniques employed to develop the research. Librarical documents and professional text books consider as data gathering program.

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