

## عنوان مقاله:

The meaning in open spaces of residential complexes

## محل انتشار:

هفتمین کنفرانس بین المللی پژوهش در علوم و مهندسی و چهارمین کنگره بین المللی عمران، معماری و شهرسازی آسیا (سال: 1401)

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## خلاصه مقاله:

Today, the elimination of natural environment, which is known as courtyards, inside most houses has led the open spaces in house design to embrace new meanings. Hence, it is necessary to review and pay special attention to the meanings in open spaces design of these complexes as collective yards, as the environment cannot be discussed without understanding its meaning. There is a nonverbal communication with humans that derives messages through the system of environmental meanings. In general, the meaning is divided into three levels depicted as macro level, mezzo level and micro level. Substantial variety exists among people in understanding macro and mezzo level meanings; however, in terms of function (micro level of meaning) there is not much difference between users' expectations of space and people receive its stimuli based on mental background and expectations of open space. Therefore, the present paper seeks to study the micro level of meaning (functional meaning) to depict functional meaning criteria in open spaces of residential complex design. In order to answer this question regarding open spaces of residential complexes, several variable factors in the functional systems affecting meaning (such as spatial hierarchy, accessibility, legibility, etc.) have been studied and it has been concluded that functional meaning has high potentials on open spaces design. Hence, designers must take the users' space requirements into account and then provide them a meaningful space that meets their mental expectations, in order to ease the non-verbal connection of the space and consequently meliorate their behavioral reactions.

## کلمات کلیدی:

Meaning, Levels of meaning, Residential complex, Open space

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