

applying space syntax approach in analysing & designing of spaces: case study, paeen mahaleh, gazvin

Written by: **Iman Raeisi** ▼

Mostafa Abbaszadegan ▼ ▼

Abolfazl Habibi ▼ ▼ ▼

Abstract:

In the urban planning and design due to the large scale of tasks and the diversity of influencing factors, intuitive and artistic approaches have been replaced by logical and systematic methods and processes. Different aspects of these processes are known to the planners and can be controlled during the process. One of these approaches is space syntax, which by analyzing the relationship between the physical space and the activities containing it, eventually the results are presented as mathematical and graphic outputs. In this article by use of this approach, the relationship between the life style of the residents of a decaying locality in Qazvin called "Paeen Mahalleh", with the physical structure of their neighborhood is studied. For the extraction of the base maps and the analysis, Confeego software was used.

▲ Member of the Scientific Board of Qazvin Unit of Islamic Azad University.

▲ ▲ Ph.D. in urban Design from Sheffield University, Member of the Scientific Board of Iran university of Science and Technology.

▲ ▲ ▲ M.A. in Architecture from Qazvin unit of Islamic Azad University.