

## Comparative Analysis of Connectivity and Energy (QI) Flow in Classic Beijing Courtyard Houses

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### Abstract

Beijing classic courtyard houses use a special design style as the basis of the design, which is the same for the rich and the poor. This design style is called Siheyuan. The classic Beijing courtyard house (Siheyuan) has been considered by various sections of the Beijing people as a type of design style, a traditional residence, and a symbol of identity. In this study, an attempt has been made to analyze the spatial relationships in Beijing classic backyard houses with the energy currents that underlie the design of this style of the house. This study has considered the classic Beijing courtyard houses as identity and cultural indicators and has analyzed them based on the objective and mental characteristics of these houses. Due to their special design, this house can be a good model for green housing. In designing these houses, special attention has been paid to the use of eco-friendly materials, communication inside and outside the house, energy consumption, communication with nature, etc. It is one of the components of green housing. In this comparative study, an attempt is made to objectively represent the flow of energy as an immaterial element by connectivity and provides a new reading of Beijing classic courtyard houses. In the end, the authors present a separate model of the objective and subjective features of the classic Beijing courtyard houses, along with a conceptual model of adapting the study of QI energy flow and connectivity, which can have a significant impact on understanding as much as possible. Have the classic architecture of Beijing. This framework is formed as an identity and reflects the relationship between QI energy flow and users' lives in the environment of Beijing classic courtyard houses.

**Keywords:** Courtyard Houses, Beijing Classic House, QI Energy, Connectivity, Visual Communication, Green Housing.

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