

A Study on Spatial Morphological Cognitive Features of Lidukou Village Based on Space Syntax

Authors : Man Guo, Wenyong Tan

Abstract : By combining spatial syntax with data obtained from field visits, this paper interprets the internal relationship between spatial morphology and spatial cognition in Lidukou Village. By comparing the obtained data, it is recognized that the spatial integration degree of Lidukou Village is positively correlated with the spatial cognitive intention of local villagers. The part with a higher spatial cognitive degree within the village is distributed along the axis mainly composed of Shuxiang Road. And the accessibility of historical relics is weak, and there is no systematic relationship between them. Aiming at the morphological problem of Lidukou Village, optimization strategies have been proposed from multiple perspectives, such as optimizing spatial mechanisms and shaping spatial nodes.

Keywords : traditional villages, spatial syntax, spatial integration degree, morphological problem

Conference Title : ICUSS 2024 : International Conference on Urban Sustainability and Strategies

Conference Location : Las Vegas, United States

Conference Dates : May 20-21, 2024