

Abstract

Nowadays, distribution of urban services is considered as one of the most important necessities of urban life. Geographers along with economists, based on their mission of spatial and spatial changes which dominate phenomena, have always contributed to the development of positioning notions to maximize profits and minimize costs for urban land use. Hence, today, besides the economic perspectives (i.e., maximizing the profits and lowering the costs) , it should be regarded in urban land use. Moreover, due to the complexity of human needs and, consequently, the increasing complexity of urban systems, and without having a systematic approach and a clearly - defined definition of precise criteria, it is impossible to use urban land and locate the activities in order to offer appropriate responses to such needs. The purpose of this study is to assess the spatial position of the hypermarkets, and its design is commensurate with the urban characteristics of the city of Kerman. The methodology of the present research is descriptive-analytic and based on library studies and field surveys. Positioning was conducted using Arc GIS software and the functions and their fuzzy operators, such as SUM, PRODUCT, and GAMA, and designing the hypermarkets were also performed using Auto CAD and 3D MAX. The research results showed that the existing hypermarkets in the city are not in a good position in terms of locating these types of uses. As a result, by using the above software, it was attempted to posit the most suitable locations in different parts of the city. Finally, the stores were designed based on the existing standards and in accordance with the uses nearby.

Keywords: positioning, design, hypermarket, fuzzy, Kerman city



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Hypermarket corresponding to the location and design of Kerman

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