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TYOLOGY OF MICRO APARTMENTS BASED ON THE STRUCTURE OF LIVING SPACE

Dorđe Alfirević¹⁷⁸; Sanja Simonović Alfirević¹⁷⁹

Abstract

A micro apartment is a concept of organizing living space that typically provides the basic necessities for long-term residence for one or two occupants. In general, it refers to a residential unit with a floor area ranging from 15 to 30 square meters. Micro apartments are considered to be one of the prevalent forms of sustainable housing in the future, as the concept is based on smaller living spaces and reduced consumption of energy and resources. The research is based on a deductive method and begins with the analysis of current micro apartment typologies, along with the formulation of different theoretical models. Subsequently, an analysis and comparison of characteristic examples of micro apartments are conducted to establish a clear typology. Finally, based on the typology, an evaluation is carried out, and proposals for different approaches to micro apartment design are formulated. The aim of the research is to comprehensively systematize the typological forms of micro apartments recognized in architectural practice and examine their characteristics and potential applications in urban environments. Additionally, the research aims to identify distinctive structural differences among various typological forms of micro apartments. The ultimate goal of the research is to contribute to the development of sustainable housing solutions in urban areas, with a particular emphasis on the concept of micro apartments.

Key words: *Architecture, sustainable housing, micro-apartment, typology, design.*

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