

Simulation design of living space in an apartment

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Abstract: This topic aims to research and design a simulation of living spaces in urban apartments to enhance residents' quality of life. By analyzing the current state of existing living spaces, the article proposes a method that combines interior design theory with 3D simulation techniques to build a spatial model system. This method includes data collection and the use of CAD/CGI technology to create realistic models, thereby supporting the improvement of living spaces in apartments. The expected results will contribute to enhancing the comfort and aesthetics of urban apartments, while providing a flexible design approach for investors and designers.

Keywords: space simulation, apartment, interior design, CAD/CGI, living space improvement