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Compatibility Between Function And Technology In The Framework Of Intelligence

(TOWARDS AN INTRODUCTION TO INTERACTIVE INTELLIGENT DESIGN)

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ABSTRACT:

The research examines the concept of intelligence of buildings, its objectives, the relationship between technological systems, and the automation of the building. Its relation to the function due to lack of awareness of the intelligent building and the misconception is that intelligence is that the building contains systems and technological means. Therefore, the research aims to achieve an interactive intelligent building based on technological systems, linking, and integrating them by addressing the basic concepts about intelligence; design approaches; technology; and function and uses to improve the functions and services. Also, the role of intelligence as a regulator of the relationship between function and technology to identify the active role of the intelligent system, its main features, the development of basic requirements, and features of intelligent buildings. To root the thought of intelligence in its broadest sense in buildings, compare them with the current situation on models of local buildings, identify the opportunities and the possibilities available. Therefore, access to any of them to be an intelligent building interactive based on intelligent systems, technology, and the use of features, and requirements of the study. Then, the formulation of a mechanism for the relationship between function (services), technology (systems), and intelligence (performance) as a methodology for interactive intelligent design.