هندسة البرمجيات ودورها في دراسة الفراغ المكتبي
Software Engineering and Its Role in the Study of Office Space

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Abstract

The paper deals with the domain of engineering software and its role in office space study based on the concrete concept and definitions related to engineering programming. Starting from its inception, the stages of successive development, up to the classification of the software depending on the nature of employment. In addition, the paper reviews the most important advantages of this software in the field of engineering work. Furthermore, the paper demonstrates the role of the software in the office space study. Besides that, it clarifies the architect's mechanism in the preparation process of the various computer-based architectural engineering studies. In the field of office spaces, a case study in the city of Aleppo shows the stages of work followed in the preparation of all the engineering studies using this software.

Keywords: software, space, office.