THE IMPACT OF COMPUTATIONAL DESIGN APPROACH ON COMPUTER-AIDED DESIGN EDUCATION

Öğr. Gör. Sertaç Karsan Erbaş
Mimar Sinan Güzel Sanatlar Üniversitesi
Enformatik Bölümü
Bomonti Kampüsü- İstanbul
sertac.erbas@msgsu.edu.tr

Abstract

Computational design could be defined as a sort of design performed based on algorithms by the use of computers as a tool. It might be considered as a sub-definition under engineering discipline at first sight. However, it has come to be adopted by various other disciplines lately. This approach makes process control possible by classifying design process into several phases such as abstracting and reconstructing the existing structure. This study focuses on a formation designed with computational design approach in order to analyse the impact of the application on computer aided design training. The material details of the formation acquired at the end of the process were checked since those details are considered to be part of the process. As a result, it is concluded that use of computational design approach is an important domain that should be improved in terms of design and training purposes.

Key Words: Computational design, Computational Design on Education, Computer Aided Design Education.