

Using Mind Mapping and Morphological Analysis within a New Methodology for Teaching Students of Products' Design

Authors : Kareem Saber

Abstract : Many products' design instructors search for how to help students to develop their designs simply by reducing design stages and extrapolating simple design process forms to achieve design creativity. So, the researcher extrapolated a new design process form called "hierarchical design" which reduced design process into three stages and he had tried that methodology on about two hundred students. That trial had led to great results as students could develop their designs which characterized by creativity and innovation. That proved the success and effectiveness of the proposed methodology.

Keywords : mind mapping, morphological analysis, product design, design process

Conference Title : ICDC 2020 : International Conference on Design Creativity

Conference Location : Berlin, Germany

Conference Dates : July 23-24, 2020