An Essay on Origamic and Isomorphic Approach as Interface of Form in Architectural Basic Design Education

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Abstract : It is a fact that today's technology shapes the change and development of architectural forms by creating different perspectives. The research is an experimental study that explores the integration of architectural forms in this process of change/development into design education through traditional design tools. An examination of the practices in the studio environment shows that the students who just started architectural education have difficulty accessing the form. The main objective of this study has been to enable students to use and interpret different disciplines in the design process to improve their perception of form. In this sense, the origami, which is defined as "the art of paper folding", and isomorphous (equally formed) approaches have been used with design studio students at the beginning stage as methods in the process of 3-dimensional thinking and creating the form. These two methods were examined with students in three stages: analysis, creation, and outcome. As a result of the study, it was seen that the use of different disciplines as a method during form creation gave the designs of the student originality, freedom, and dynamism.