

CREATIVE PROCESS OF DESIGN THROUGH DIALOGUE
WITH OTHERS USING METAPHORS
Functions of Metaphors in Process of Design Thinking Part 3

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The aim of this study is to understand the functions of metaphors that are used among architecture designers throughout the designing process. In this paper, we focus especially on the functions of metaphors that appear in dialogues between designers, and therefore we closely examined the processes of collaborative architecture designs in which more than one subjects are involved. In order to collect recorded data of the processes taken during collaborative designs, we conducted an experiment in which two architectural students collaborated to come up with an architectural design. The analysis of the collected data was carried out in the following two steps. We first analyzed how the use of metaphors affect the overall quantity of dialogues, using indexes such as the time of verbal act and the turn-taking frequency of the speakers. We then clarified how the two different ways of thinking interact with one another, using G. Goldschmidt's Linkography methodology to analyze the relationships between every idea generated by the two designers throughout the whole design process. As a result, we came to understand how metaphors are capable of activating essential dialogues between the design subjects that constitute the creative processes of collaborative designs.