

ANALYSIS OF DESIGN ACTS, A METHOD USED IN THE ANALYSIS OF DESIGN EXPERIMENTS

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Abstract

In this paper we present a study of design acts in the design process. The study objective is to understand the mechanism of iteration due to the interaction between participants.

The iterations represent a significant characteristic of the design process and their analysis is a key factor for the reduction of costs and time.

This study allows us to better understand the behavior of the designers in the concurrent engineering context.

The results of observation could be used to improve assumptions adopted to develop engineering design models, which is very helpful in design planning

Keywords

Design process, design iteration, design act, speech act.