

Practical Examples of Successful Design Review

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1 Abstract

Human error is the major cause for structural collapse [1]. Design review is the most effective way to rid human errors out of the design process and thus most societies have implemented procedures for design review. Naturally, different systems come with different properties in terms of effectiveness and error-proneness.

This paper will provide practical examples of successful design review and will derive challenges and methods of counteraction during the design review process. Emphasis will be on realistic examples as a basis for a theoretical derivation of improved design review concepts.

Keywords: human error, design review