

Estimation in Engineering Design

Situation Analysis

Estimation is:
 • frequently used in engineering design
 • not practiced in a systematic way
 • not part of engineering education curricula

Problem Statement

Good performance in estimation is left to chance

Objective

Improve probability for good estimation

Approach

- Method for explicit estimation
- Integration of estimation in engineering education

Research Design

Research Clarification

- ⇒ Research Approach
- ⇒ What and how do I want to research?

Descriptive Study I

- ⇒ Situation analysis
- ⇒ How do people estimate?

Prescriptive Study

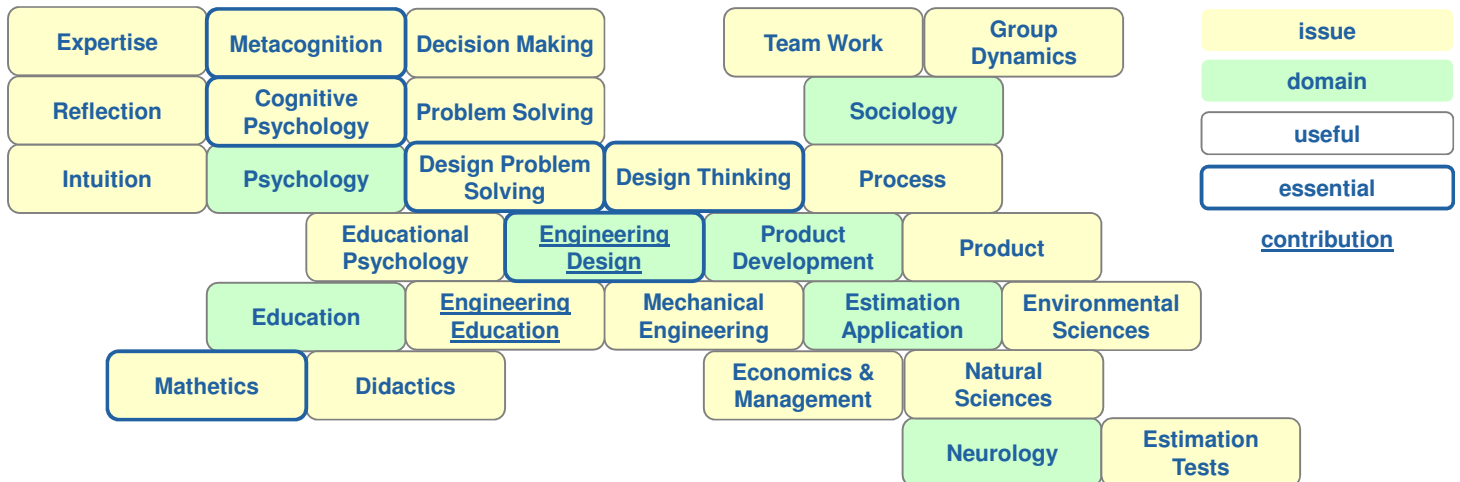
- ⇒ Proposal for estimation method
- ⇒ Proposal for engineering education

Descriptive Study II

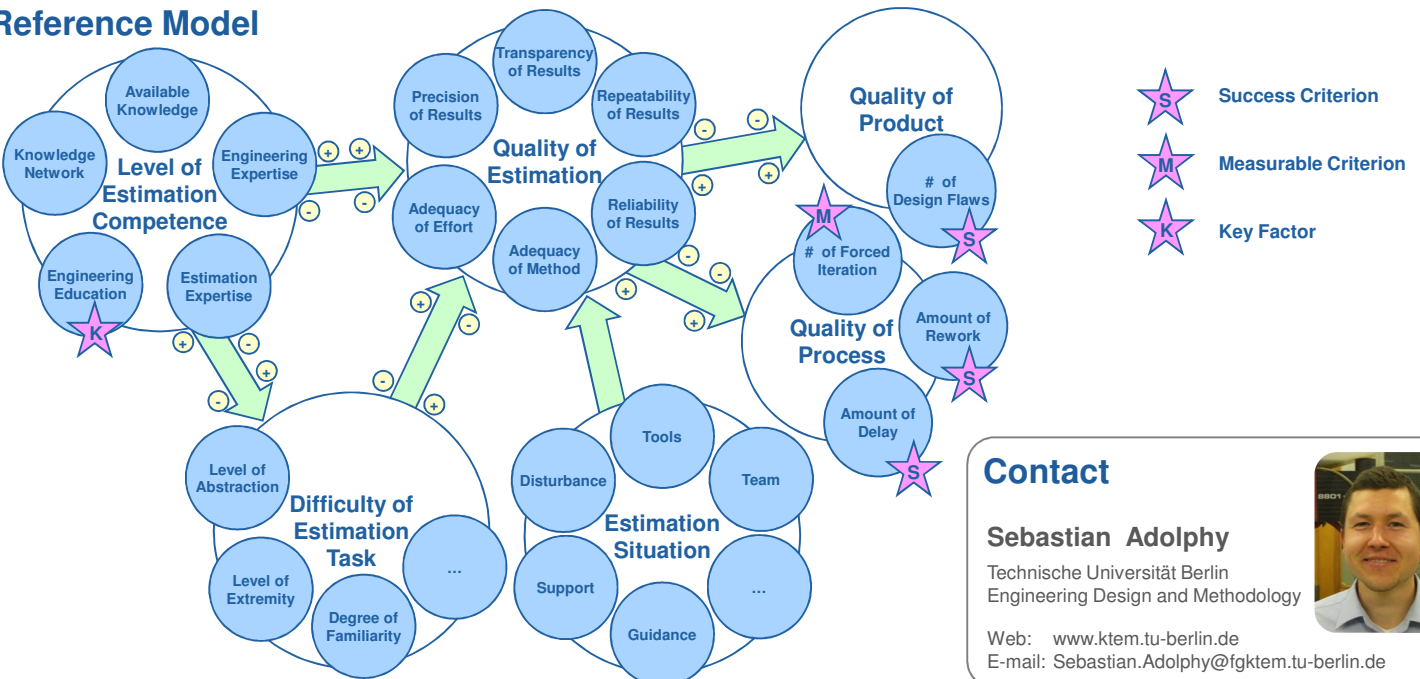
- ⇒ Evaluation
- ⇒ Has the situation been improved?

State

Areas of Relevance and Contribution



Reference Model



Contact

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