

Systems Engineering Course Research Methods; Structure of Academic Papers

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Abstract

The final product of the Master project is an academic paper. This presentation focuses on the structure and flow of academic papers.

Distribution

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status: preliminary
draft
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logo
TBD

Take reader's perspective.

Make a book plan with structure of the paper:

sections and subsections with size estimate, e.g.

abstract (1/2 page)

introduction (1 page)

domain, company, system, and case introduction

problem statement

method introduction and rationale

etc.

Do not include table of content, or list of abbreviations in the paper itself.

Content

title, authors, abstract

introduction

domain, company, case, problem, goal

research questions, claims and observations, positioning

research methodology

main body

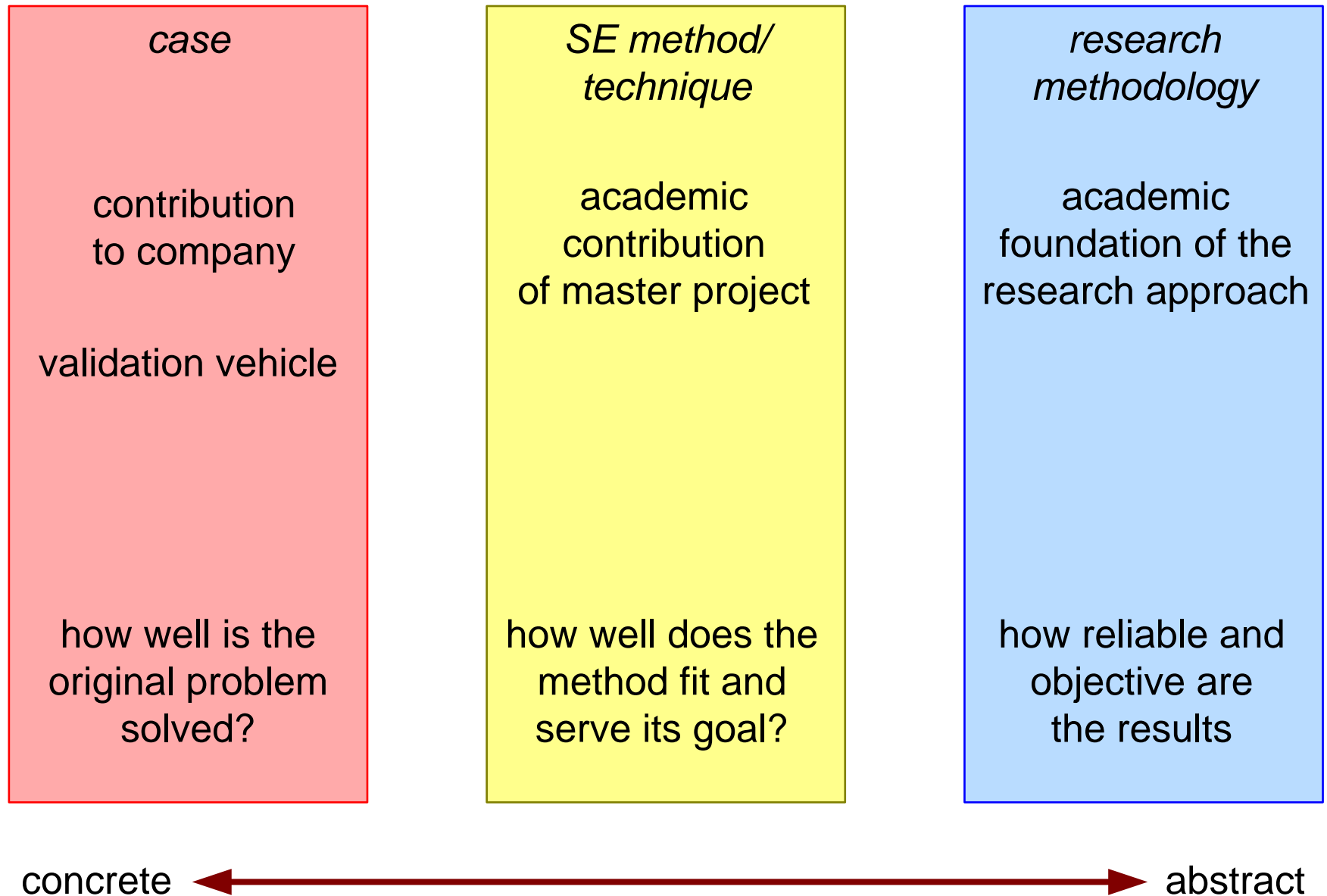
data, analysis, results

conclusions, summary

future research

references

Multiple Threads



Open, Elaborate, Close

open
 elaborate
 open
 elaborate
 close
 open
 elaborate
 open
 elaborate
 close
 close
close

open: introduction, question, problem, or statement

elaboration: facts, explanations, and argumentation

close: conclusion or summary