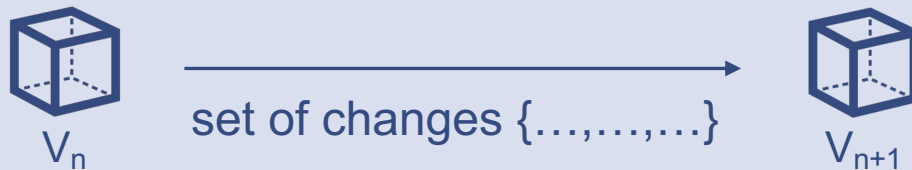


Background

- development of cyber-physical systems consists of different roles, domains & models
- evolution → set of changes betw. versions



- changes between versions can be tracked (example in software engineering: Git)
- analysis of evolution enables insights (e.g., impact on interlinked models)

Challenges

- overall: automated analysis of evolution
- assessment of single evolution steps e.g., type of change, degree of change
- generic application to multiple domains

PdF Topic

- SLR: exiting work on assessment of evolution, e.g. change impact metrics in several or multiple domains
- Concept: comparison, generalisation, ...