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Deriving scientific workflows from algebraic experiment lines: A practical approach

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### Highlights

- Adapting software product line concepts to modeling scientific experiments
- Formalization of the main concepts of experiment lines: variability and optionality
- Supporting different levels of abstractions on scientific experiment management
- A tool for the experiment line derivation process exploring the formal concepts and different abstraction levels
- Exploring mappings on different levels while representing real scientific workflows with their life cycles

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