# PROPOSAL FOR A LIFECYCLE MODEL FOR SCIENTIFIC SIMULATION SOFTWARE

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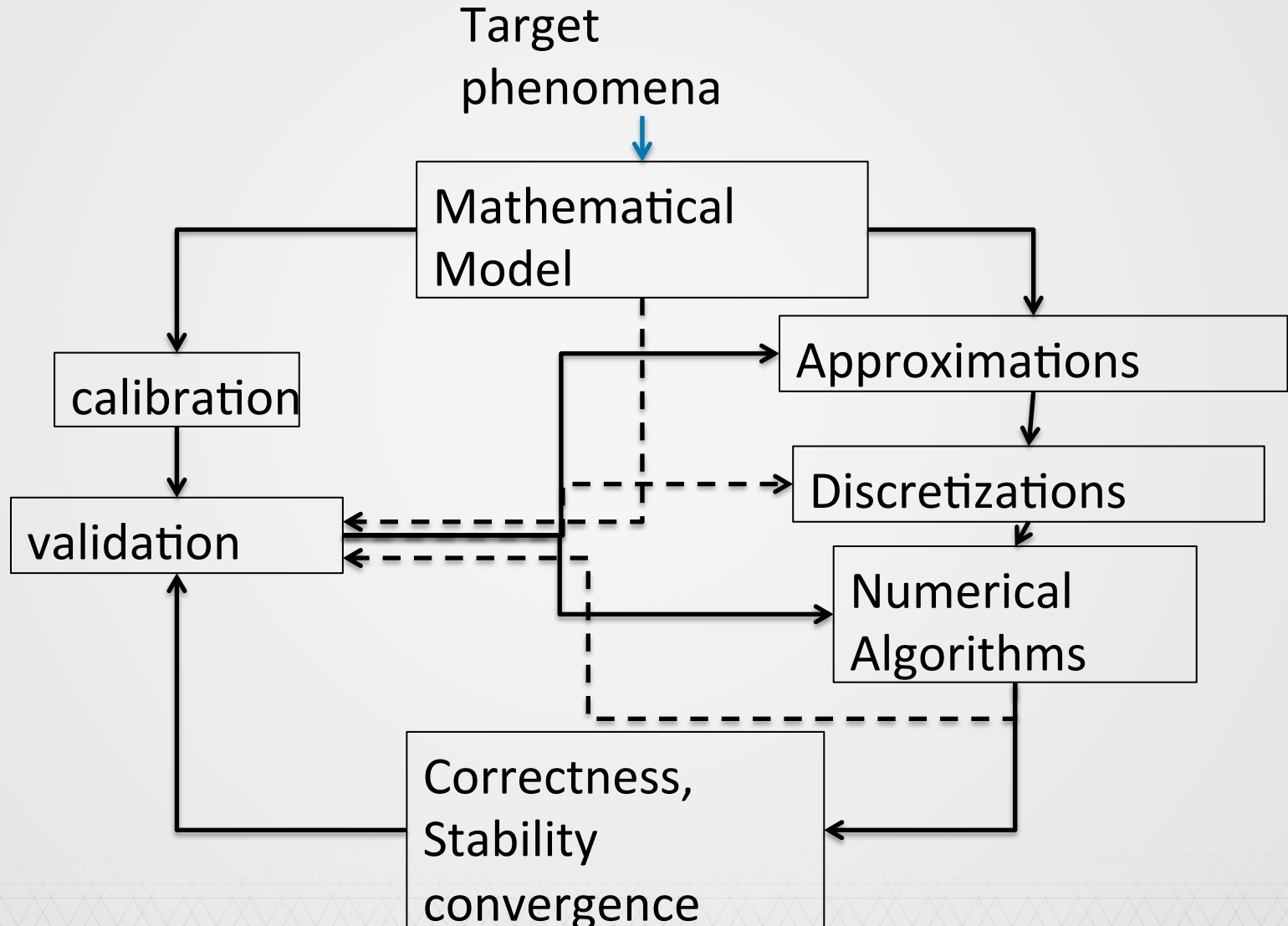
# MOTIVATION
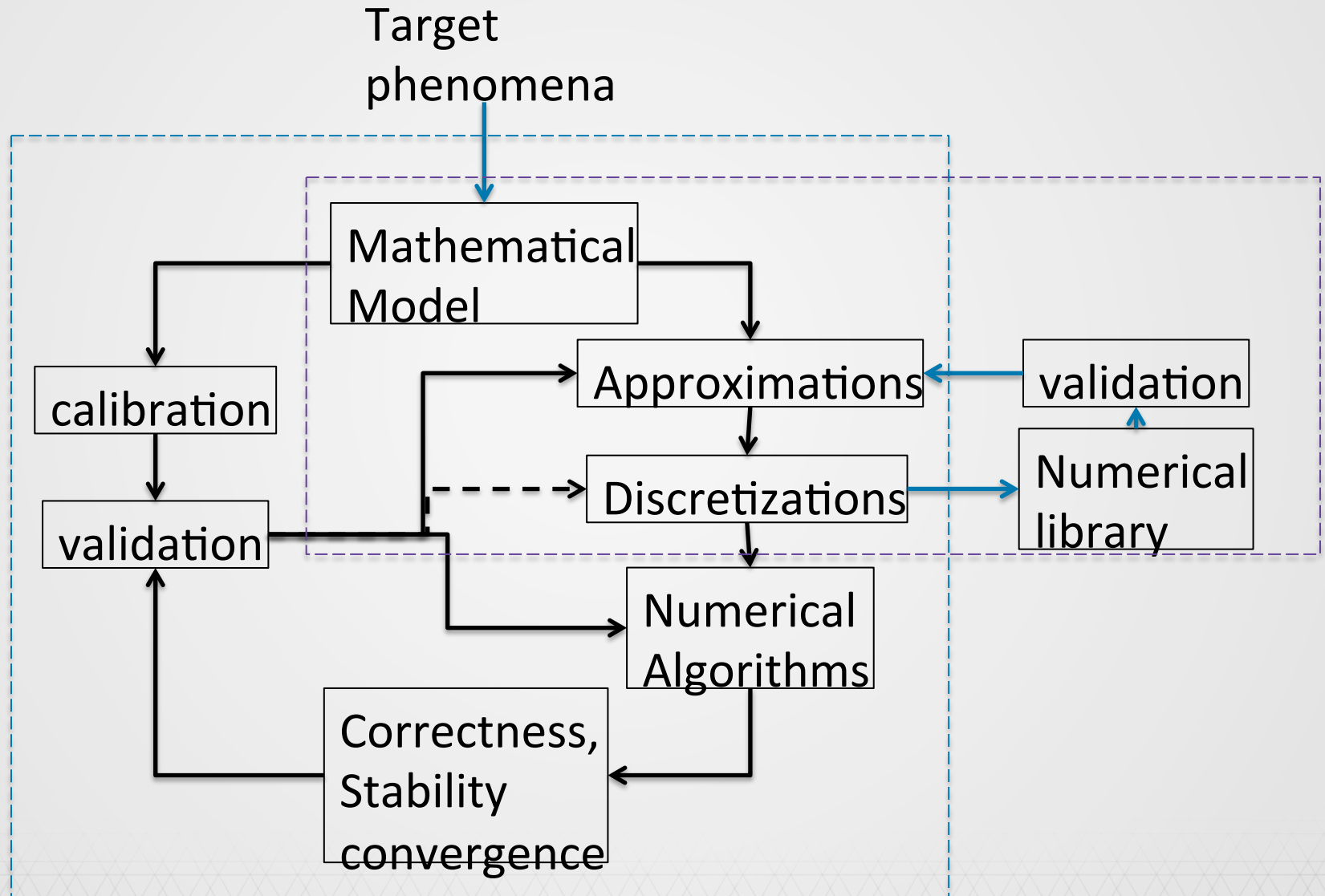
- Software lifecycle is a well researched topic in general
  - No model does justice to scientific software
- Reasons
  - Many parts under research
  - Need continuous tweaking
  - Specific process within the cycle have their own needs
  - The objectives behind the software are different
  - User community has other priorities
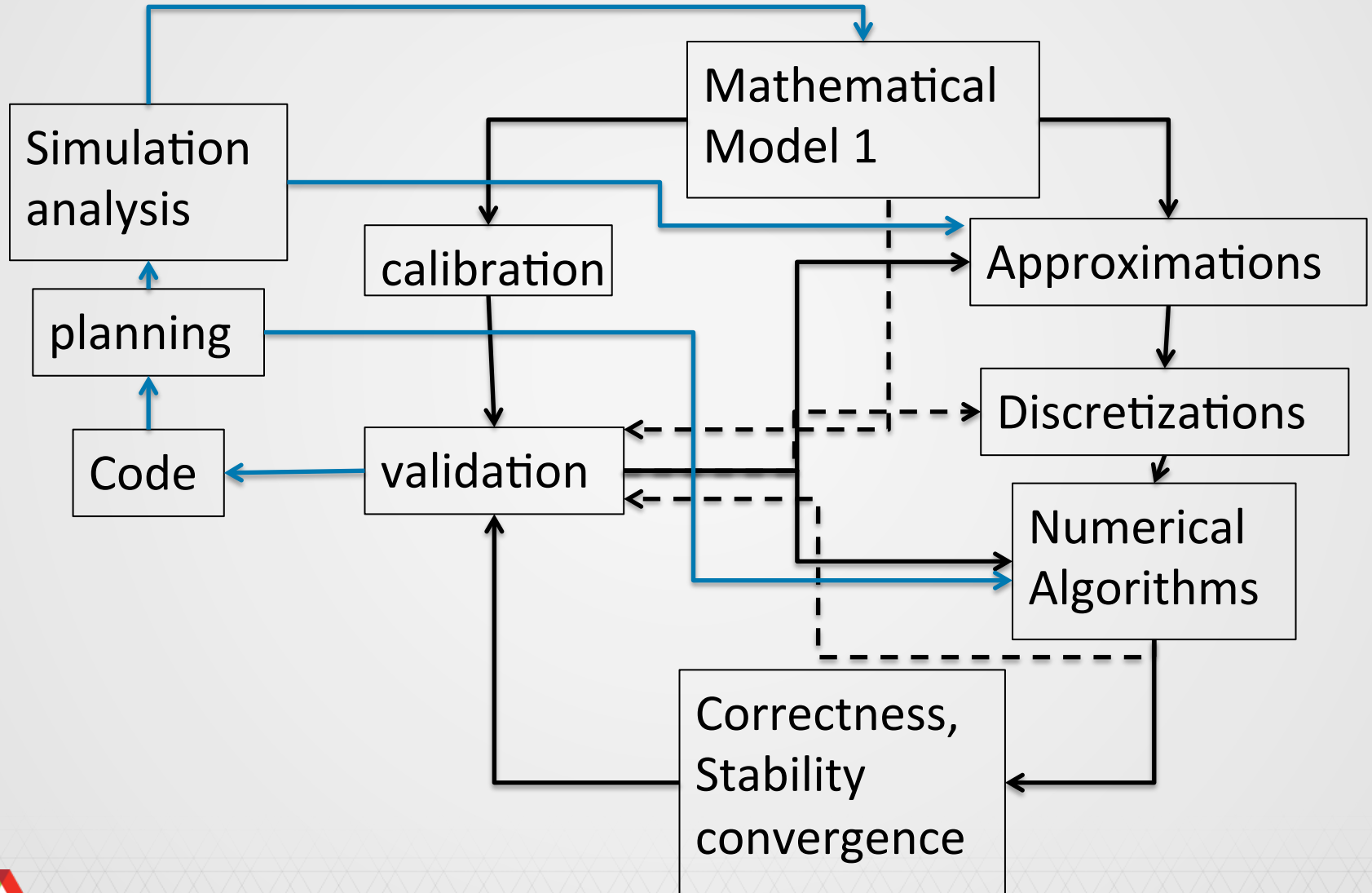
# REQUIREMENT GATHERING

# MULTI-COMPONENT

# WITH FEEDBACK

# COUPLED WITH SCIENCE MODULES DEVELOPMENT