



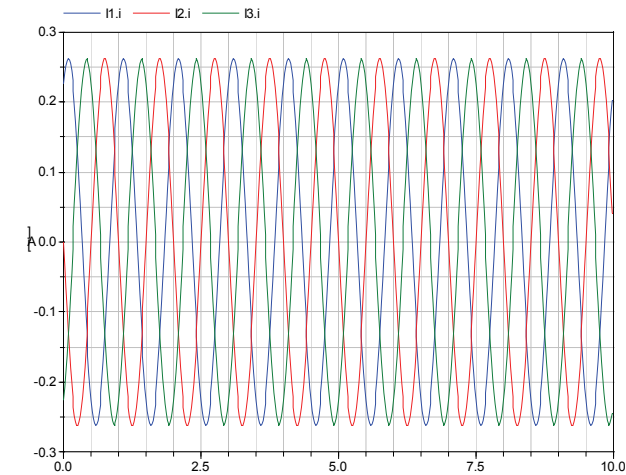
Mathematical Aspects of Object-Oriented Modeling and Simulation

7th International Modelica Conference
Como

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■ Continuous system simulation

- Introductory example
- Symbolic transformation
- Efficiency issues and non-linearities
- Higher index problems
- Initialization
- Numerical issues



■ Mixed system simulation

- Event handling
- State events \Leftrightarrow time events
- Symbolic transformation
- Ideal components
- Varying higher index problems
- Efficiency and numerical issues

