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Model Checking Real-Time Conditional Commitment Logic using Transformation

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**Highlights**

- Developing algorithms transforming model checking RTCTL<sub>cc</sub> into model checking RTCTL
- Implementing a transformation toolkit engine with user interface on top of NuSMV
- Proving the soundness of the transformation technique
- Analyzing the time and space computational complexity of the RTCTL<sub>cc</sub> model checking

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