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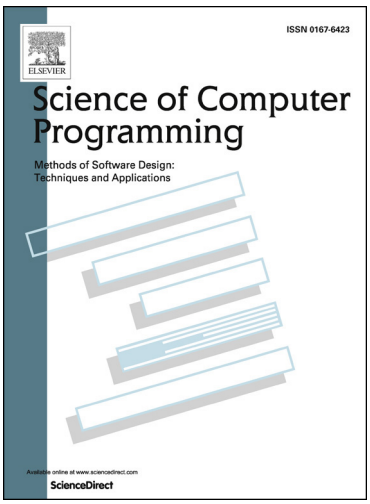

Checking multi-view consistency of discrete systems with respect to periodic sampling abstractions

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PII: S0167-6423(18)30261-2
DOI: https://doi.org/10.1016/j.scico.2018.07.003
Reference: SCICO 2223

To appear in: *Science of Computer Programming*

Received date: 25 June 2017
Revised date: 15 June 2018
Accepted date: 4 July 2018

Please cite this article in press as: M. Pittou et al., Checking multi-view consistency of discrete systems with respect to periodic sampling abstractions, *Sci. Comput. Program.* (2018), https://doi.org/10.1016/j.scico.2018.07.003

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Highlights

- Multi-view modeling in a multi-periodic sampling abstraction setting.
- Necessary and sufficient conditions for view consistency.
- Sound and complete method to check view consistency on Buchi automata.
- Sound and complete method to check view consistency on symbolic transition systems.
- Complexity analyses for the various algorithms in the paper.

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