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[2018-008] Owe Axelsson, Maya Neytcheva and Anders Ström. *An Efficient Preconditioning Method for State Box-Constrained Optimal Control Problems*. March 2018. This is a major revision of Technical Report 2017-004. In the new version all the numerical experiments have been rerun with new much more efficient dynamic stopping criteria.


[2015-033] Volkan Cambazoglu, Ramūnas Gutkovas, Johannes Åman Pohjola and Björn Victor. *Modelling and Analysing a WSN Secure Aggregation Protocol: A Comparison of Languages and Tool Support*. November 2015. Updated 2015-12-02: The results in subsection 4.1.3 are updated because we realised that Pwb can evaluate the SHIA model faster for network sizes of 2 and 4, and also can handle network size of 8.


Per Normann and Johan Överstedt. *Deterministic Parallel Graph Coloring with Hashing*. June 2015.


Adriaan Larmuseau and Dave Clarke. *Formalizing a Secure Foreign Function Interface - Extended Version*. May 2015. This technical report is an extended version of the paper of the same name that is to appear at SEFM 2015.


[2013-026] Sofia Cassel, Falk Howar, Bengt Jonsson, Maik Merten and Bernhard Steffen. *A Succinct Canonical Register Automaton Model*. December 2013. This is an extended version of a paper published in ATVA 2011. The extended version has been accepted for publication in JLP.


[2010-021] Michael Thuné and Anna Eckerdal. *Students’ Conceptions of Computer Programming*. September 2010. The phenomenographic outcome space presented in this report has previously been published as part of a journal article (Thuné and Eckerdal 2009). Due to space limitations in the journal publication, we have found it appropriate to make available a more comprehensive description of the outcome space, in the present technical report.


Parosh Aziz Abdulla, Muhsin Atto, Jonathan Cederberg and Ran Ji. *Automated Analysis of Data-Dependent Programs with Dynamic Memory.* June 2009.


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