Accepted Manuscript

Formal verification of stability and chaos in periodic optical systems

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PII: S0022-0000(17)30062-4
DOI: http://dx.doi.org/10.1016/j.jcss.2017.05.004
Reference: YJCSS 3092

To appear in: *Journal of Computer and System Sciences*

Received date: 6 February 2016
Revised date: 2 May 2017
Accepted date: 4 May 2017

Please cite this article in press as: U. Siddique, S. Tahar, Formal verification of stability and chaos in periodic optical systems, *J. Comput. Syst. Sci.* (2017), http://dx.doi.org/10.1016/j.jcss.2017.05.004

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Highlights

- Formal methods based framework for modeling and analysis of periodic optical systems.
- Models are developed in higher-order logic ensuring accuracy and soundness.
- Effectiveness is demonstrated by the formal analysis of practical optical systems.

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