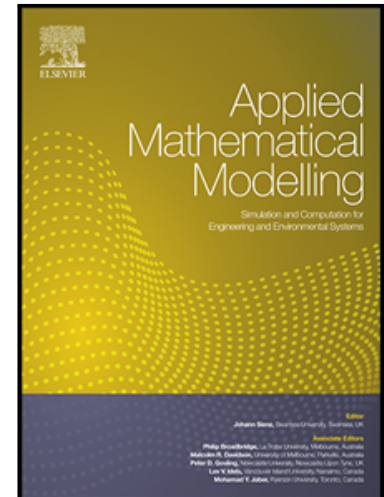


## Accepted Manuscript

A continuation approach for computing parameter-dependent separatrices in SRAM cells

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PII: S0307-904X(18)30310-X  
DOI: [10.1016/j.apm.2018.07.003](https://doi.org/10.1016/j.apm.2018.07.003)  
Reference: APM 12356



To appear in: *Applied Mathematical Modelling*

Received date: 9 September 2017  
Revised date: 14 May 2018  
Accepted date: 4 July 2018

Please cite this article as: Joseph Páez Chávez, Jörg Schreiter, Stefan Siegmund, Christian Mayr, A continuation approach for computing parameter-dependent separatrices in SRAM cells, *Applied Mathematical Modelling* (2018), doi: [10.1016/j.apm.2018.07.003](https://doi.org/10.1016/j.apm.2018.07.003)

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**Highlights**

- A novel approach to analyze parameter-dependent separatrices in SRAM cells is proposed.
- The method is constructed based on boundary-value problems solved via continuation techniques.
- In this way, families of separatrices can be approximated in a computationally efficient manner.
- The method is tested in a typical SRAM bit cell via the continuation platform COCO.
- A comprehensive modelling of the cell is carried out using the EKV equations for CMOS transistors.

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