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Tools for the Analysis of Simulation Dumps and the Evaluation of Burn-In Techniques

Original

Tools for the Analysis of Simulation Dumps and the Evaluation of Burn-In Techniques / Calabrese, Andrea. - STAMPA. - (2022), pp. 1-1. ((Intervento presentato al convegno IEEE European Test Symposiu, (ETS) tenutosi a Barcelona (Spain) nel 23-27 May 2022.

Availability: This version is available at: 11583/2971409 since: 2022-09-19T08:08:02Z

Publisher: IEEE

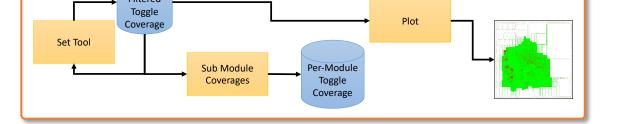
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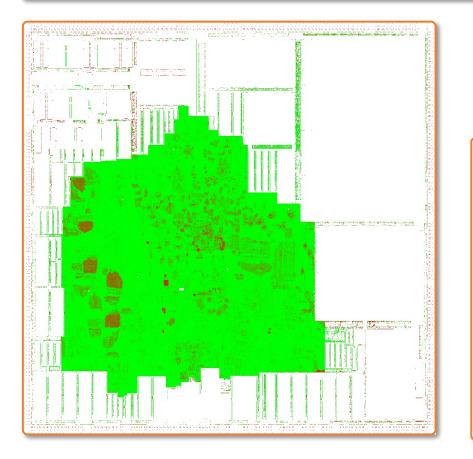
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Set Tool

Given a set of results from the analysis and filtering, the set tool provides:

- A display of a confusion matrix showing the percentage of unique toggle coverage for each file.
- A set of files showing unique toggles for each gate or bus.
- A set of files grouping gates and buses by number of toggles up and down.
- A single merged coverage file, providing the overall coverage.



The Statistical to used to assess th circuit on the So for avoiding redu

The Multiple-point the controllabilit gates, implying a

We will focus on

Plot and Sub

Given the mappi cells, it plots the one of them.

The Sub Module the coverage for results. It shows different approathe circuit.

Conclusi

We propose a toolchain for Burn-In processing of the simulation result

This toolchain is flexible and uses a pass data, allowing to add more an

We carefully optimized the most on memory, reducing the time needed days to hours.