Verifying Digital Systems with MATLAB

Joint work with Lennon Chaves, Iury Bessa, Daniel Kroening and Eddie Lima

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diffblue
AI for Code
DSVerifier Toolbox: BMC tool to check design errors in digital systems with MATLAB
DSVerifier Toolbox: Illustrative Example

- The different **numerical representations** for a given digital system can yield different **verification results**

**Successful verification:** stable system using $<2,13>$

**Failed verification:** unstable system using $<13,2>$