

Errata

Publication III

Example 8 in Section 6 fails to demonstrate a case where register invariant based strengthening adds reduction. The strengthening in the example does not achieve indistinguishability for states q_1 and q_2 , because after the transformation the strengthened outgoing transitions $q_1 \xrightarrow{y \geq 3 / [y \geq 3]; 0} q_3$ and $q_2 \xrightarrow{y < 3 / [y < 3]; 0} q_3$ will no longer accept the same register values.

The strengthening approach as it is presented in Section 6 does still provide reduction for sets of control states which are only distinguishable due to behavior on unreachable register values.