

Cover letter

The following paper is accepted by ICCAD'11: “Inferring Assertion for Complementary Synthesis”.

This TCAD paper extends that ICCAD11 paper in the following ways:

1. Proposing an automatic algorithm to discover all decoders' Boolean relations in Subsection IV-A.
2. Proposing an automatic algorithm to characterize precondition for each discovered decoder in Subsection IV-B.
3. Presenting the experimental results on dealing with multiple decoders in Subsection V-C.