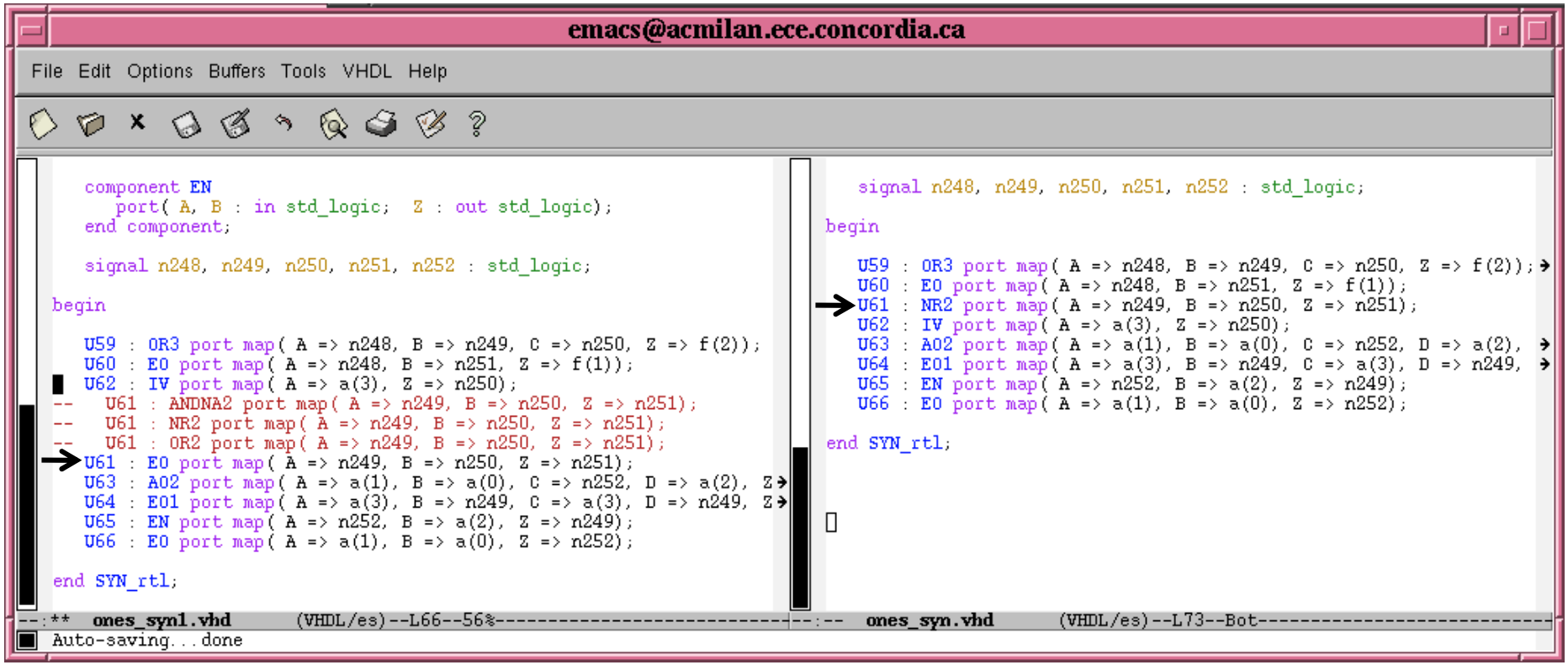
Equivalence Checking Using Cadence Conformal LEC

Formal Hardware Verification

(COEN 6551)

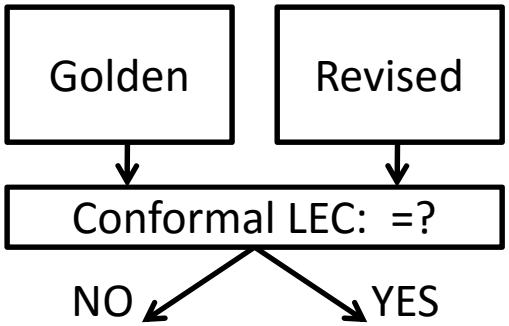
Summer 2016

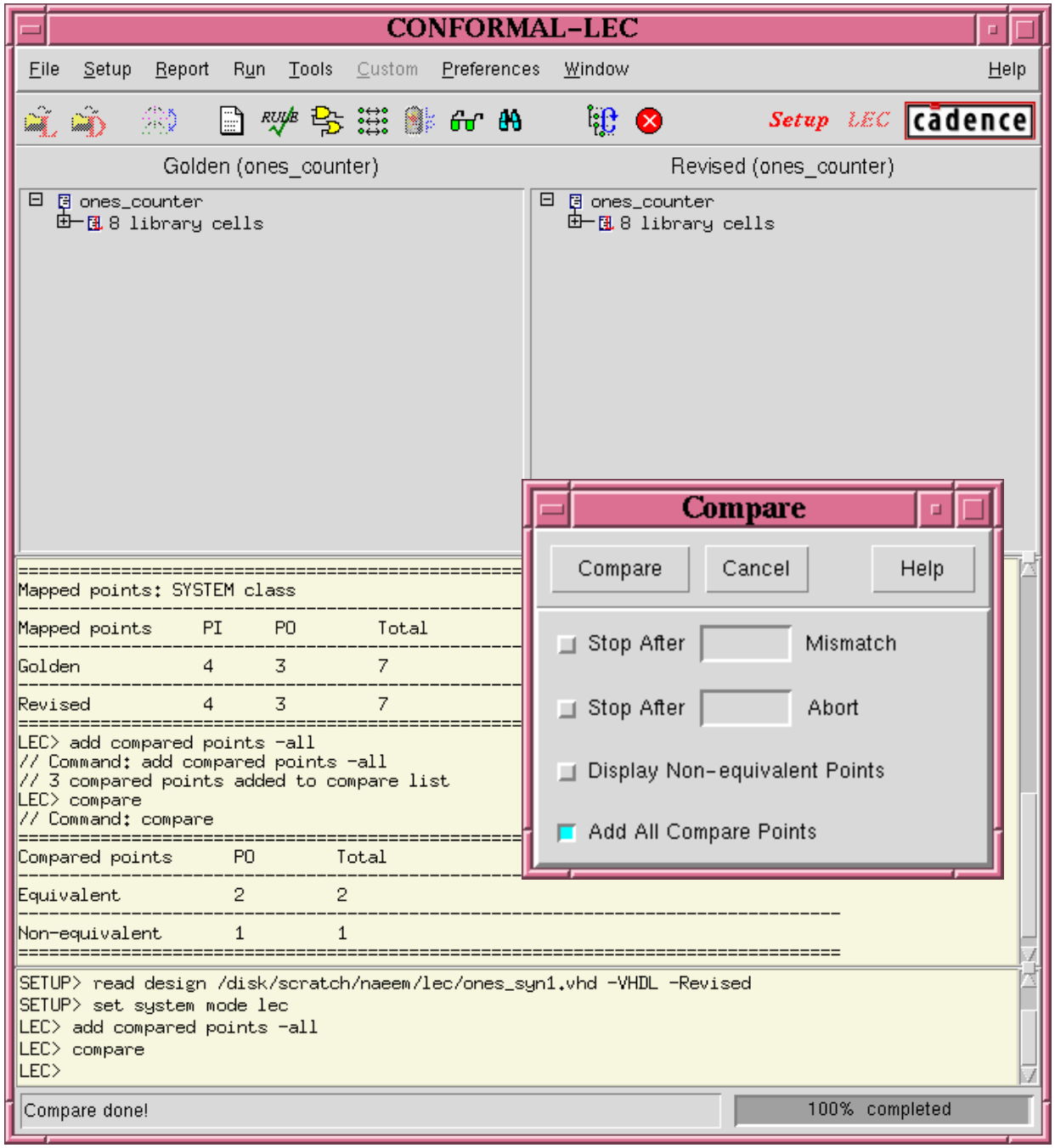
The Golden and the Revised Designs



Revised Design

Golden Design

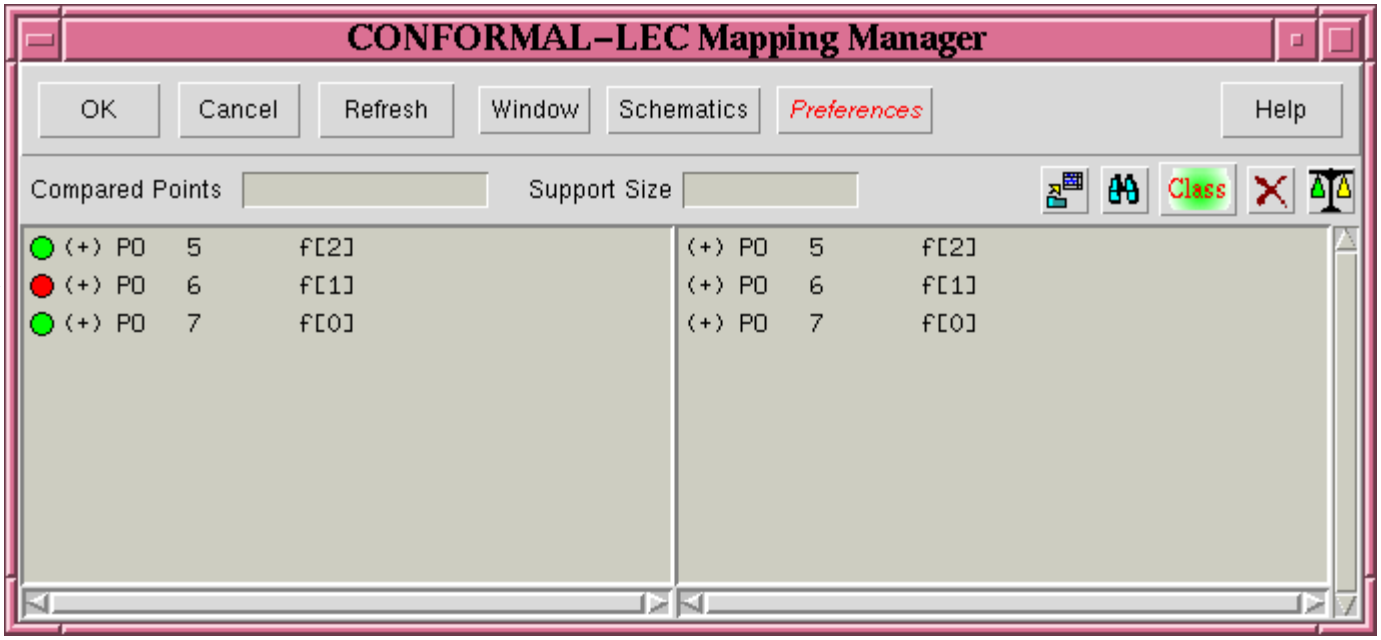


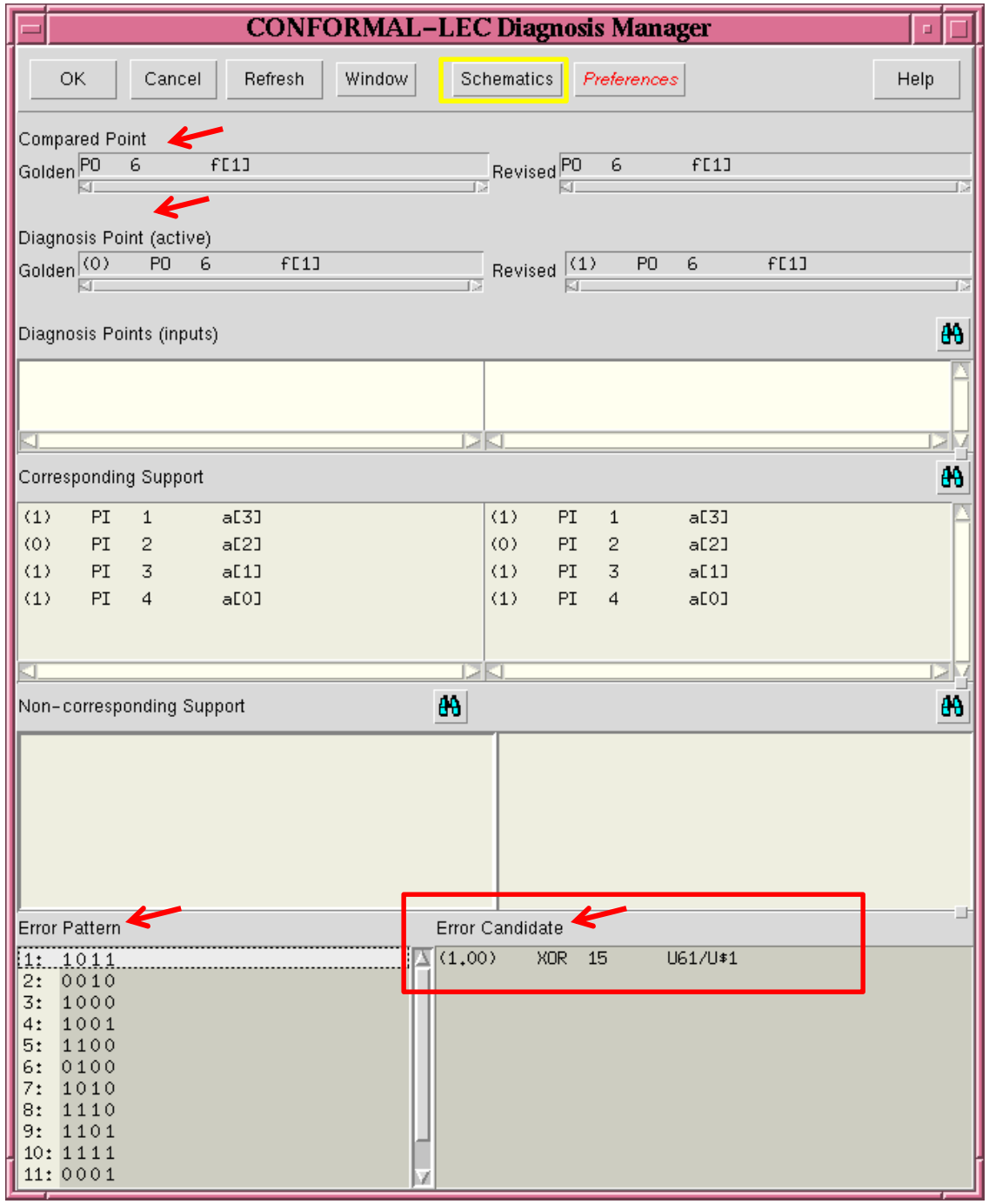


1. In the SETUP mode, Load the Golden and Revised Designs
2. Change System Mode to LEC
3. Add all ports as compare points
4. Compare

Report → Mapped Points

Diagnose →

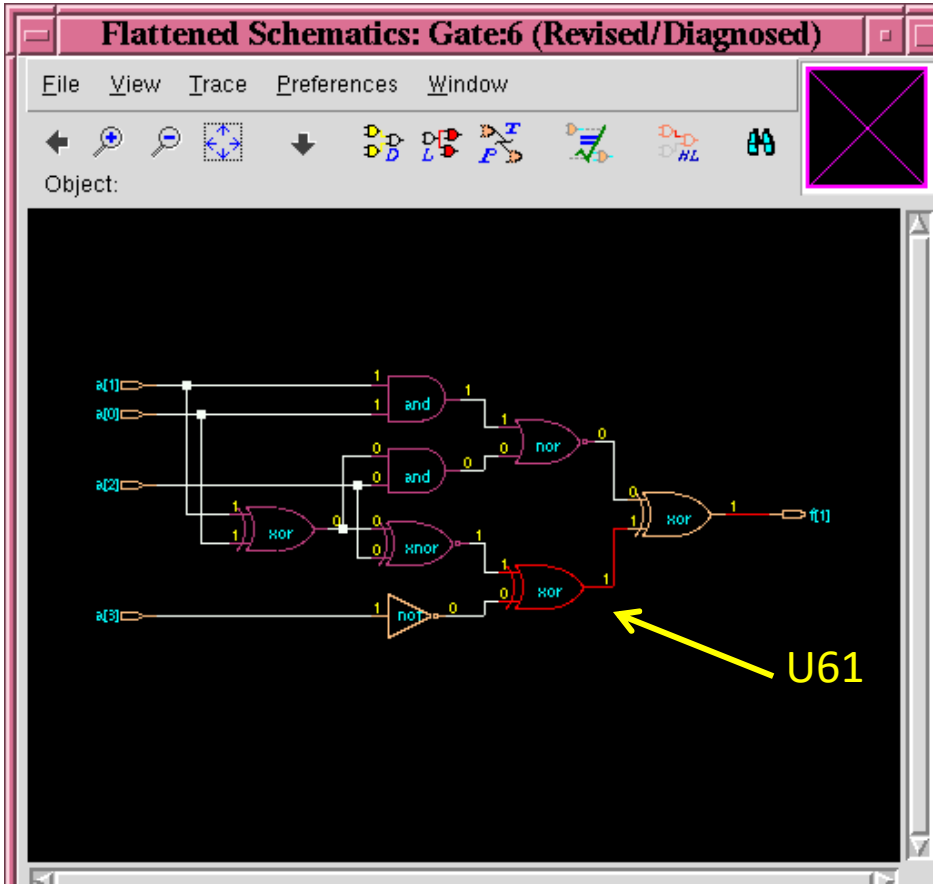


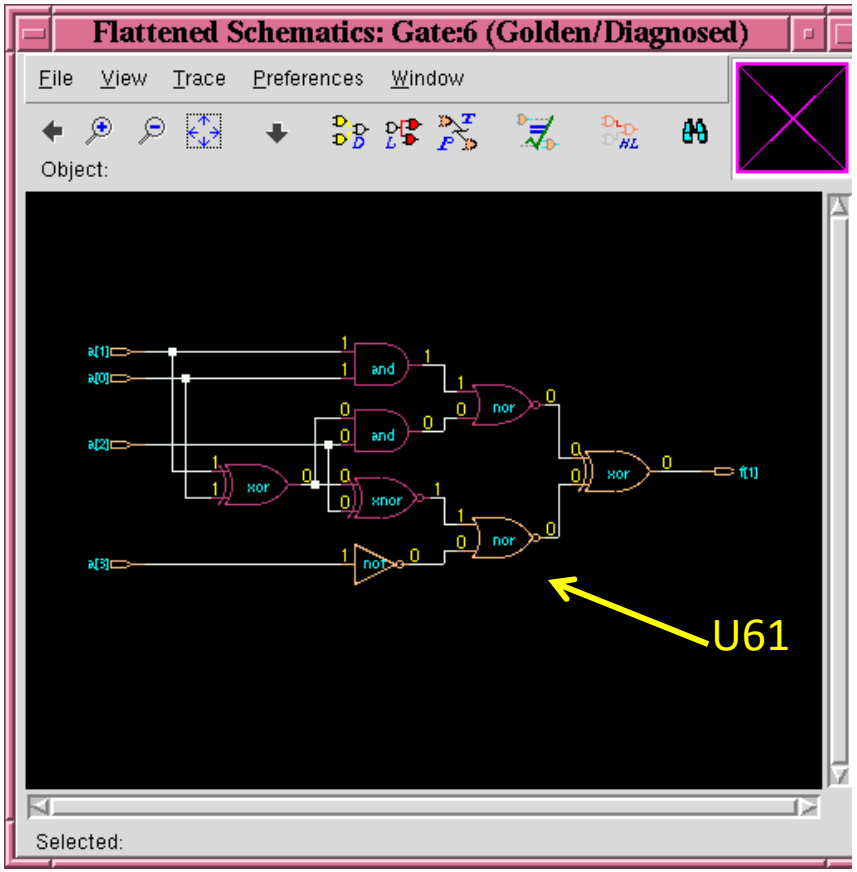


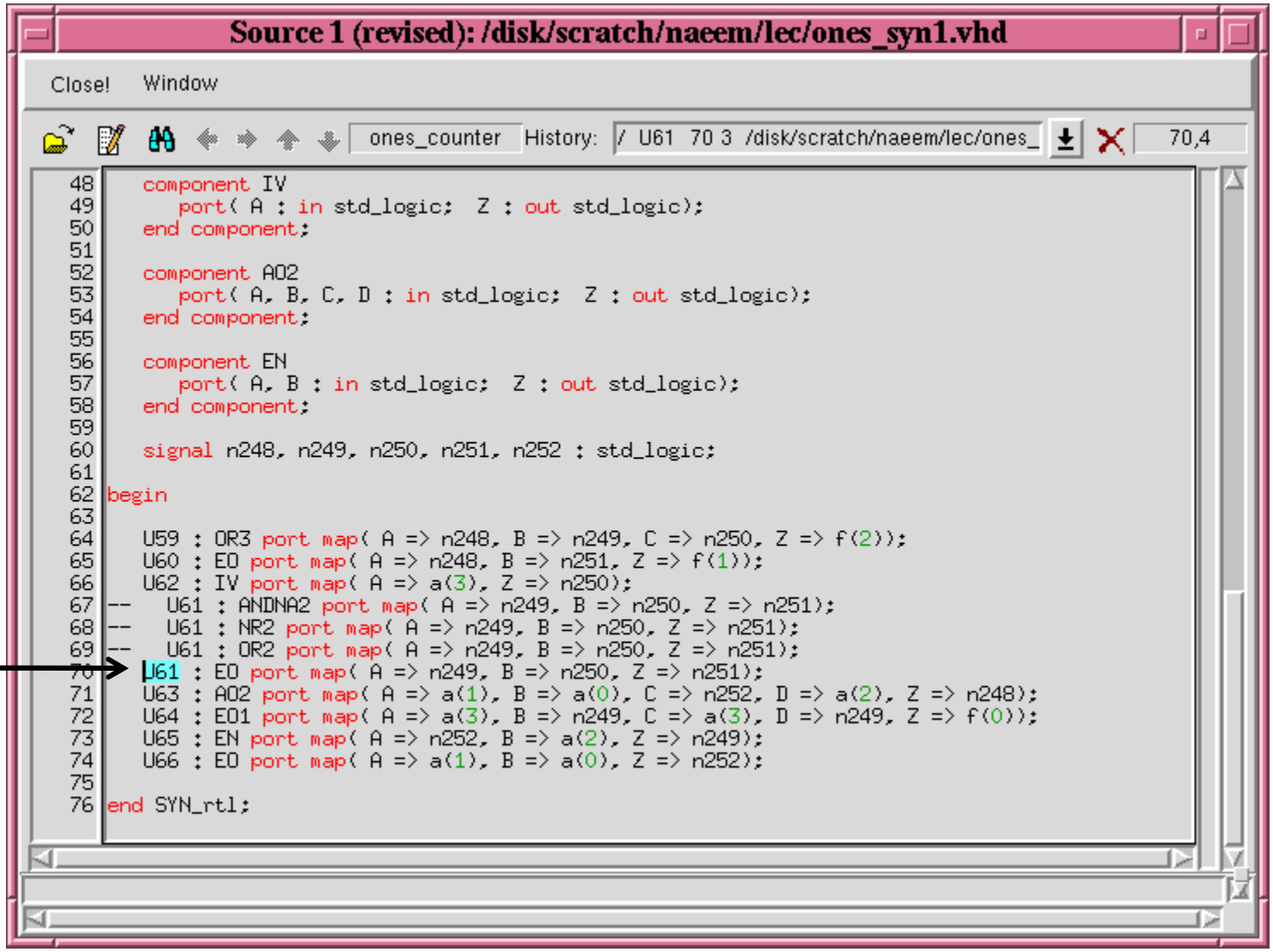
LEC Diagnosis Manager

Lists the failed compare point

Golden and Revised Schematics







Fix the Code and Rerun the Verification