

Inputs:

Netlist, design constraints,
standard cell library,
Security Level (τ)

Compute TVLA of
netlist

TVLA-Score $< \tau$
and design objectives
are met.

yes

Mark design as safe

Exit

no

Is there
room for
optimization?

no

Report Failure

Split Design into a NxN
grid

Fetch TVLA-Score of
each region in grid

Identify vulnerable regions

Reconfigure Gates in
vulnerable regions

yes

