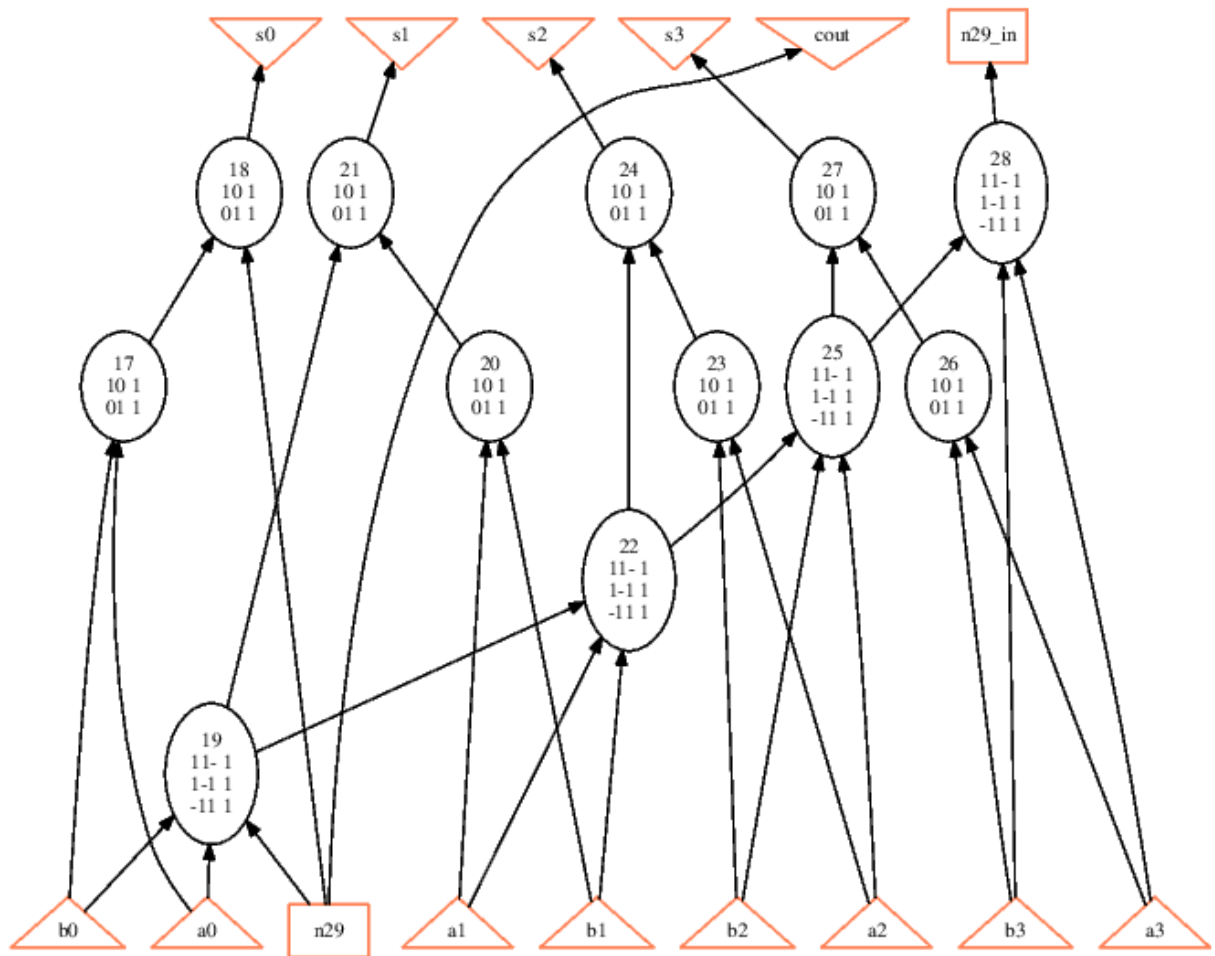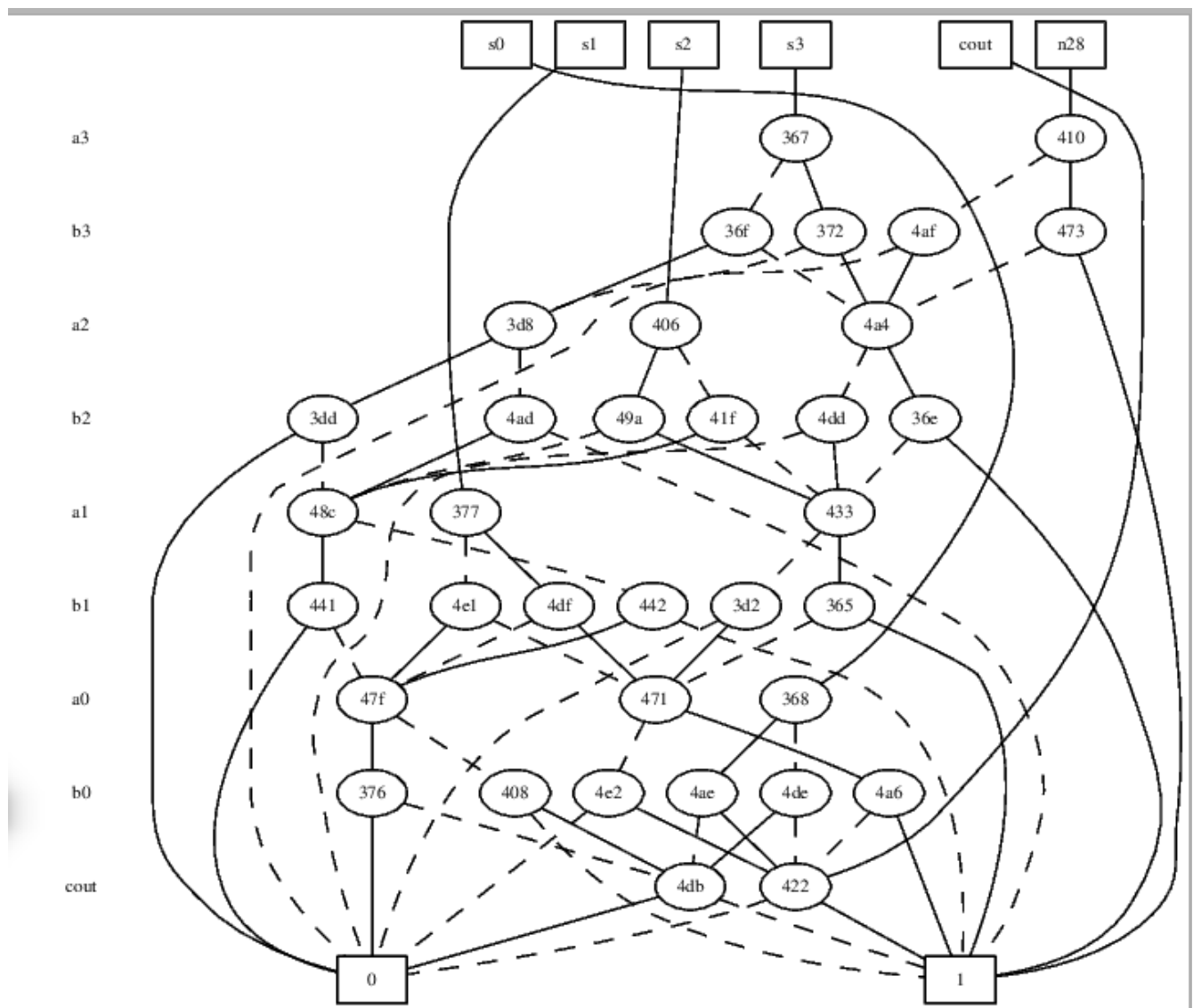# Network structure visualized by ABC
Benchmark "ser_adder". Time was Sat Oct 2 21:32:19 2021.

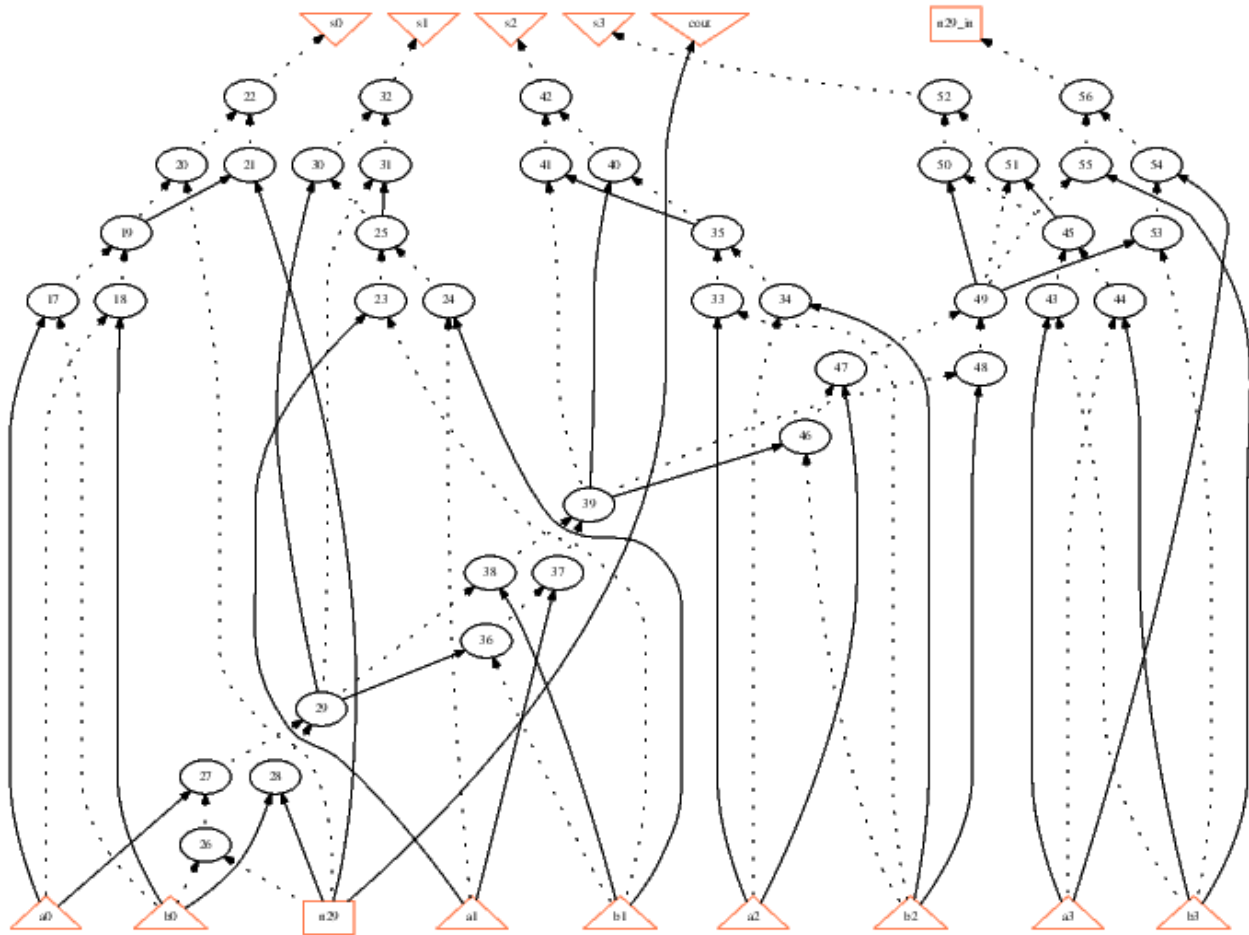The network contains 12 logic nodes and 1 latches.

Logic Network

BDD, using collapsed

Network structure visualized by ABC
Benchmark "ser_adder". Time was Sat Oct 2 21:33:23 2021.

The network contains 40 logic nodes and 1 latches.

aig

(1) logic network in AIG (by command aig) vs. structurally hashed AIG (by command strash)

aig command convert the local function node in logic network to aig

strash command convert the global function into a aig

(2) logic network in BDD (by command bdd) vs. collapsed BDD (by command collapse)

bdd command convert the local function node in logic network to bdd

collapse command build the global bdd for global function

(3) Given a structurally hashed AIG, find a sequence of ABC command(s) to covert it to a logic network with node function expressed in sum-of-products (SOP)

using command $logic