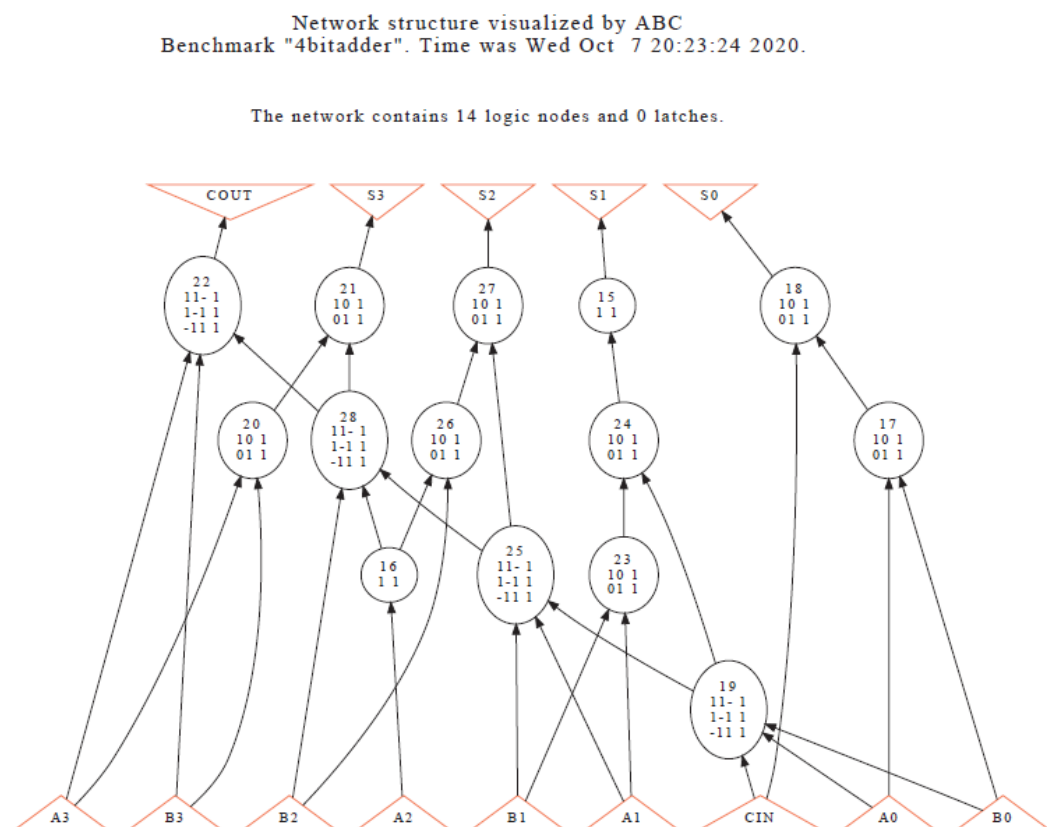# LSV PA1

R09943109 陳冠誠

1. **(b) Perform the following steps to practice using ABC:**

   read the BLIF file into ABC (command read)

   check statistics (command print_stats)

1. **visualize the network structure (command show)**

Network structure visualized by ABC
Benchmark "4bitadder". Time was Wed Oct 7 20:23:24 2020.

The network contains 14 logic nodes and 0 latches.
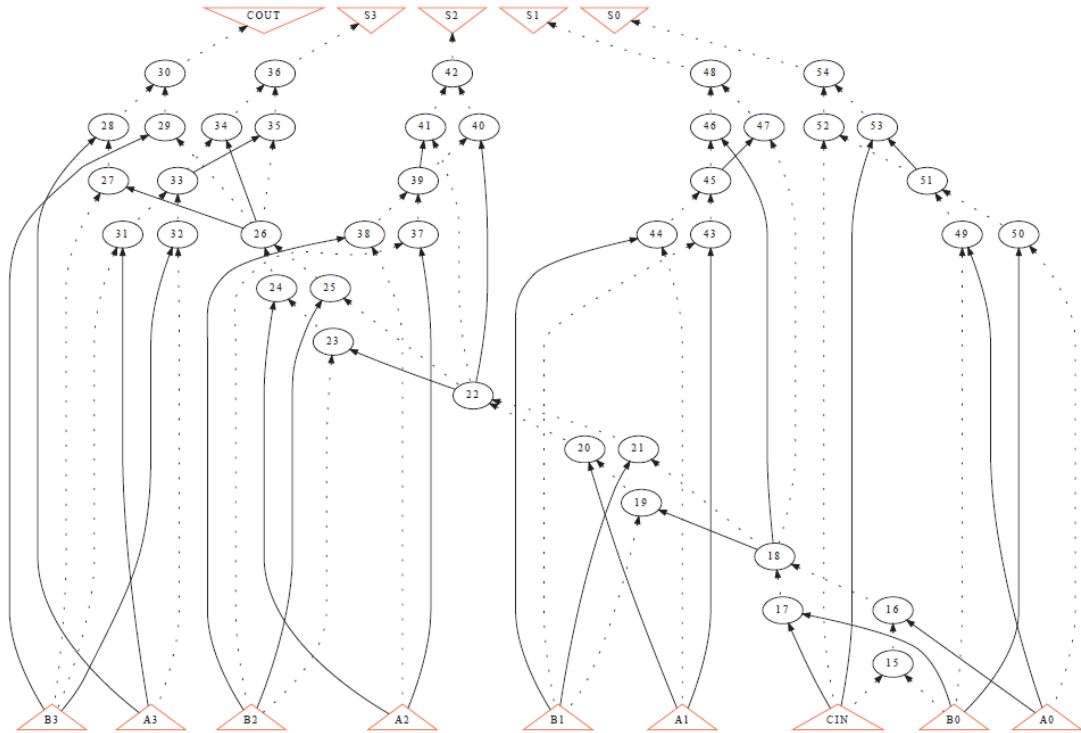
convert to AIG (command strash)

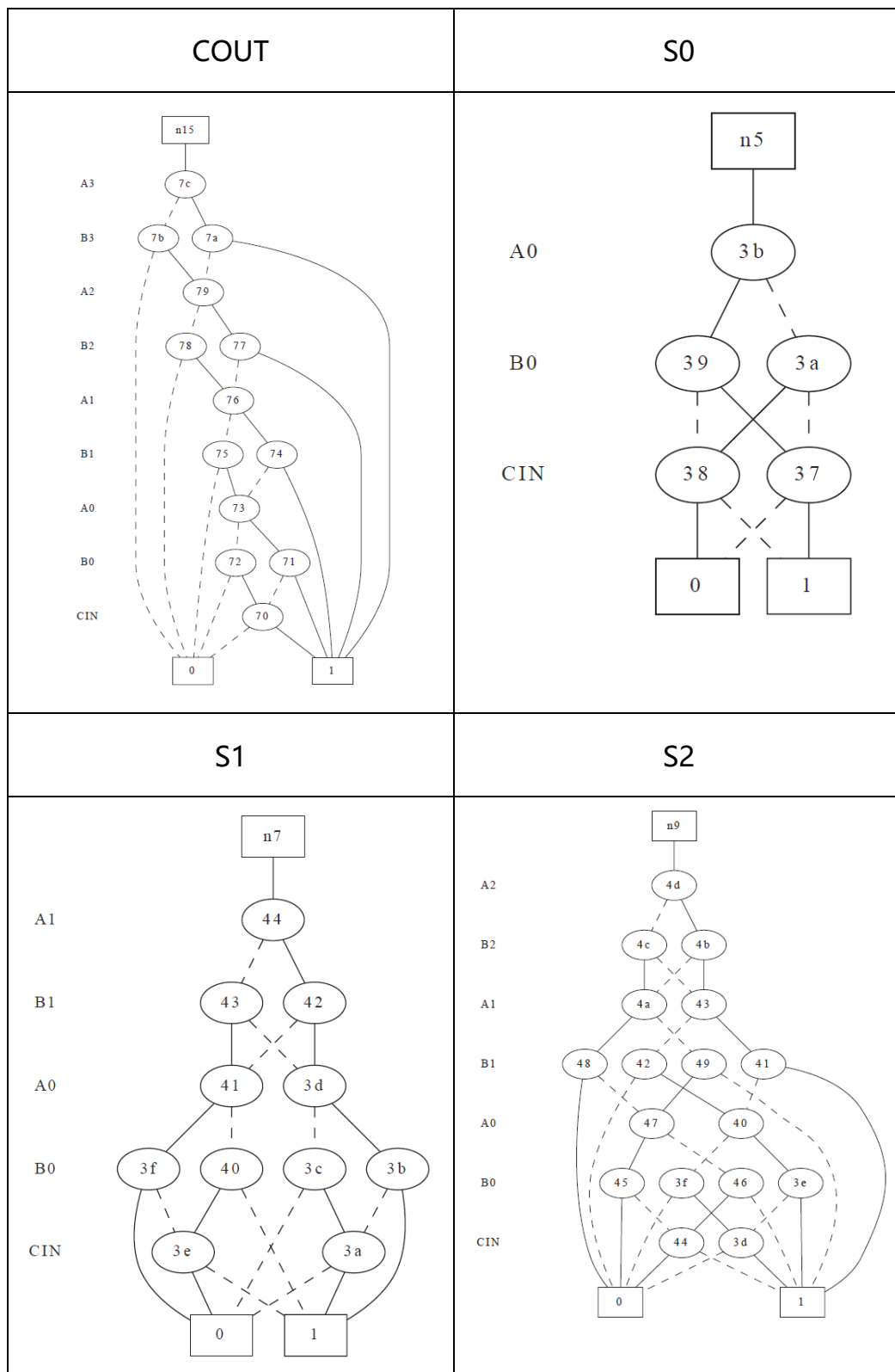## 2. visualize the AIG (command show)

Network structure visualized by ABC
Benchmark "4bitadder". Time was Wed Oct 7 20:26:02 2020.

The network contains 40 logic nodes and 0 latches.

convert to BDD (command collapse)

3. visualize the BDD

COUT	S0

S1	S2

S3