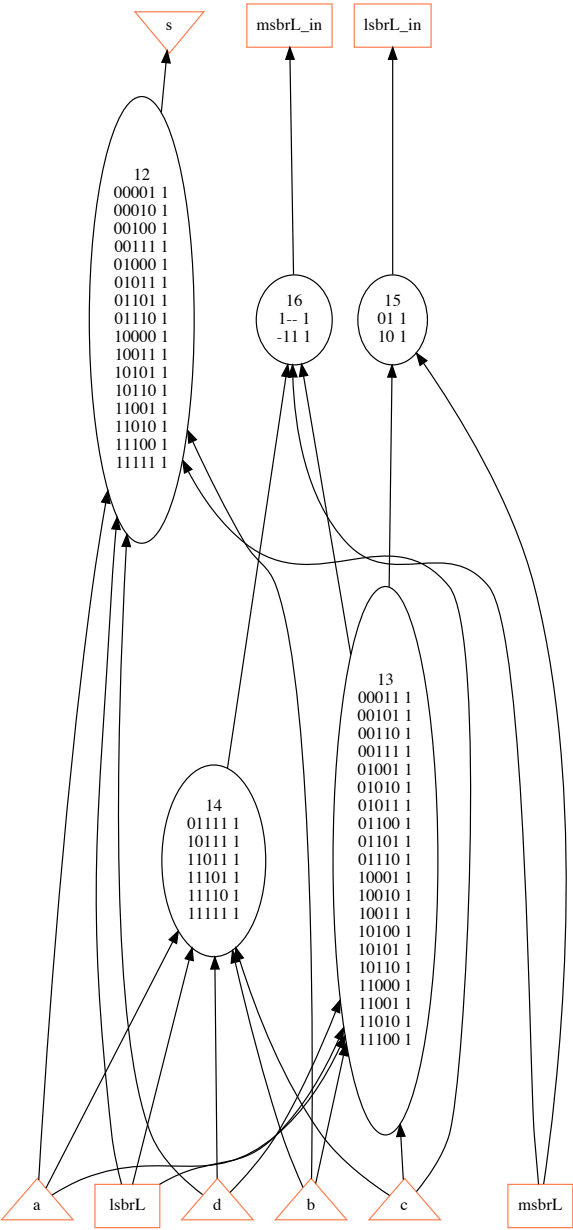


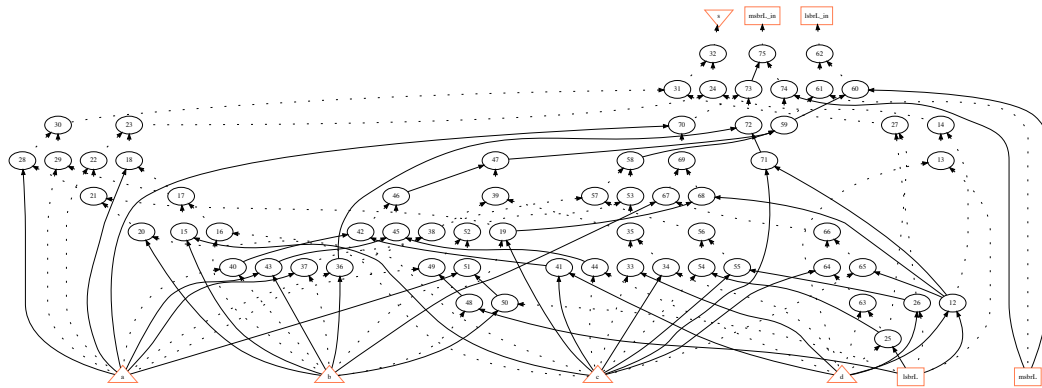
Network structure visualized by ABC
Benchmark "simple". Time was Thu Oct 7 21:28:24 2021.

The network contains 5 logic nodes and 2 latches.



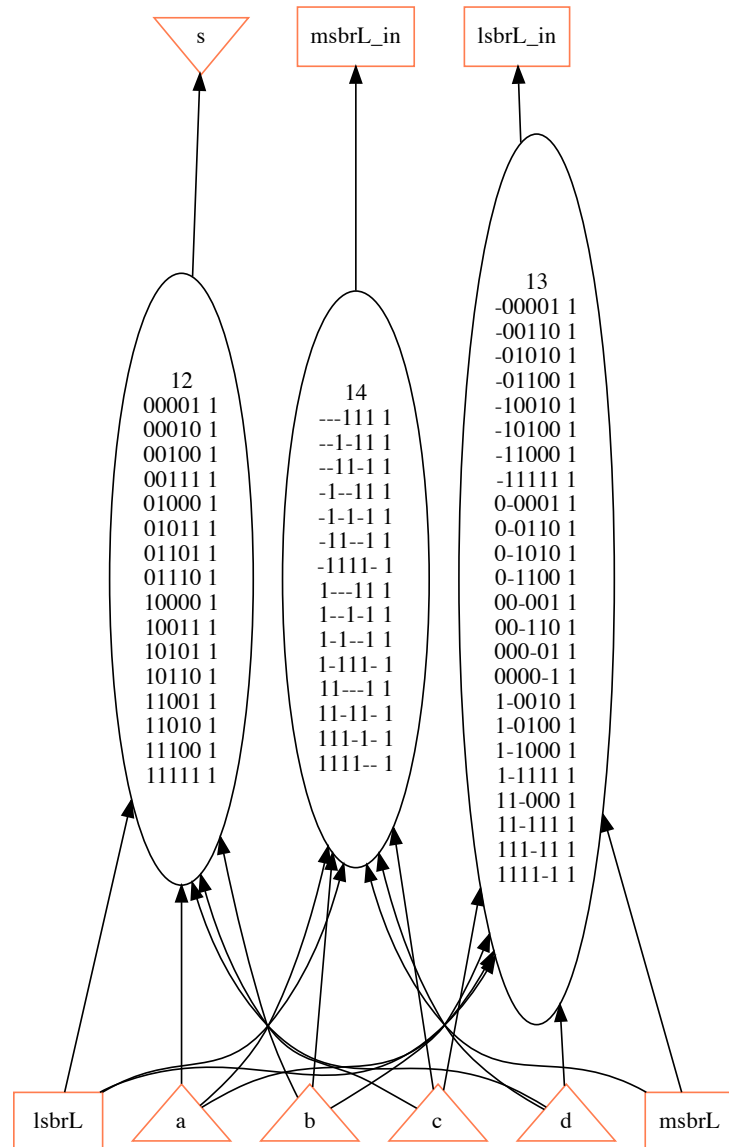
Network structure visualized by ABC
Benchmark "sig". Time was Thu Oct 7 21:29:03 2021.

The network contains 64 logic nodes and 2 latches.



Network structure visualized by ABC
 Benchmark "bdd". Time was Thu Oct 7 21:29:38 2021.

The network contains 3 logic nodes and 2 latches.



(a)

1. The command `aig` only change the structure in nodes, but `strash` change the whole structure of the circuit.
2. The command `bdd` only change the structure in nodes, but `collapse` change the whole structure of the circuit.

(These results can be known by entering `ps`.)

(b)

We can do this simply by entering `sop` after `collapse`.