



# State Space Diagrams

- ▶  $2^{60} \approx 1.2 \times 10^{18}$  states. Let's scale down to  $n = 9$  nodes.  
(DVD online can only take 1000 states)
- ▶ Even for  $n = 9$ , when we try to see the state space graph...

Figure: Boolean state space graph, 9 nodes.



Impossible to even see the 9 states on one screen!

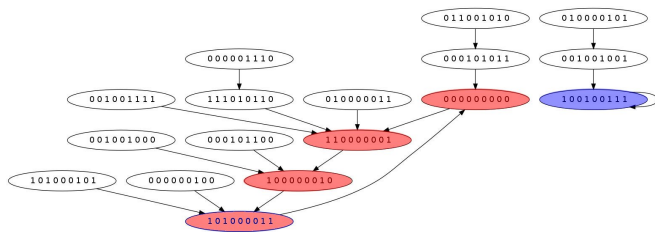


Figure: Cropping of 3% of graph.