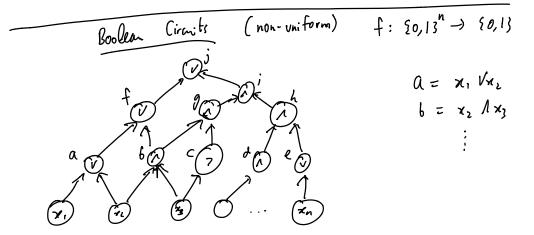
Clain: Any program written for a machine using alphabet of size A that runs in time
$$T(n)$$
 can be simulated by our machine in time $O((\log A), T(n))$.

 $(\underline{laim}: Any program for an L-tape machine that rus in fine T(n) can be simulated by our machine in time <math>O(L.T(n)^2)!$



Complexity Size: It of nodes depth: length of longest input -> output path.

Open problem: Prove or disprale Every circuit of size S can be simulated by a circuit of depth O(log S).

