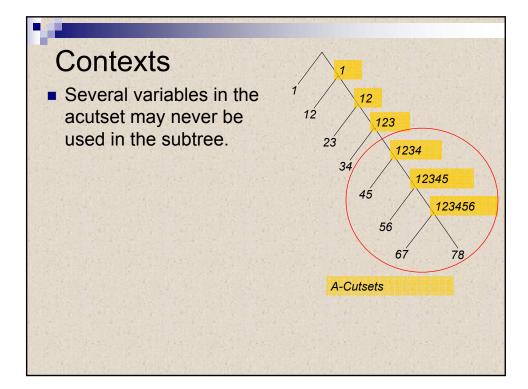
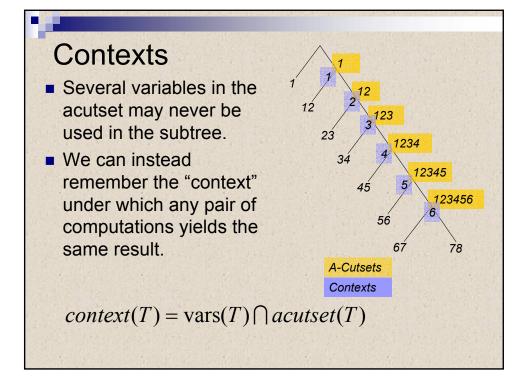
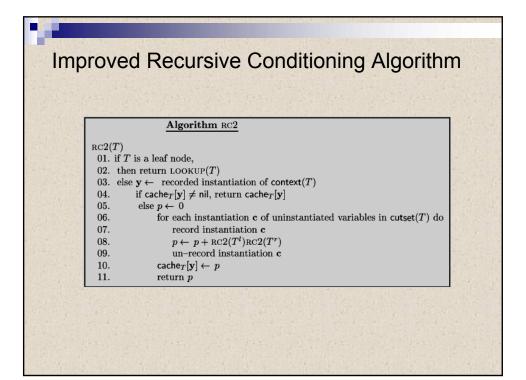


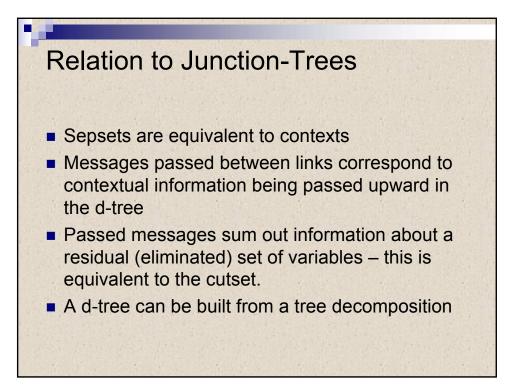
Some intuition

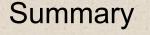
- A cutset tells us what we are conditioning on
- An A-cutset represents all of the variables being instantiated at that point on the dtree.
 - We produce a solution for a subtree for every possible instantiation of the variables in the subtree's A-cutset.
 - □ There can be redundant computation











- RC operates in O(n exp(w)) time if you cache every context. This is better than being exponential in n.
- Caching can be selective, allowing the algorithm to run with limited memory
- Eliminates redundant computation
- Intuitively solves a complex event in terms of smaller events.