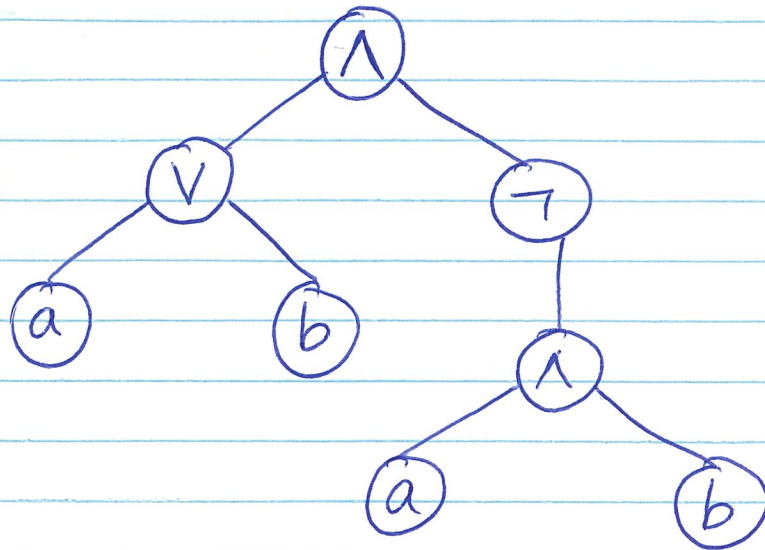$((a \lor b) \land (\neg(a \land b)))$ Parse Trees

Every connective is a node, which applies to its children.

$(((\neg p) \land q) \to (p \land (q \lor (\neg r))))$