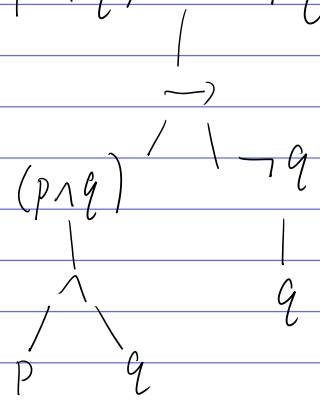
11. $(p \to q) \vee (q \to p)$

$\langle p,\ q,\ p \to q,\ q \to p,\ (p \to q) \vee (q \to p) \rangle$

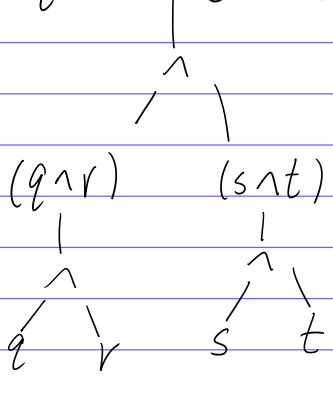
$\neg\neg(p \vee \neg p)$

$\langle p,\ \neg p,\ p \vee \neg p,\ \neg(p \vee \neg p),\ \neg\neg(p \vee \neg p) \rangle$

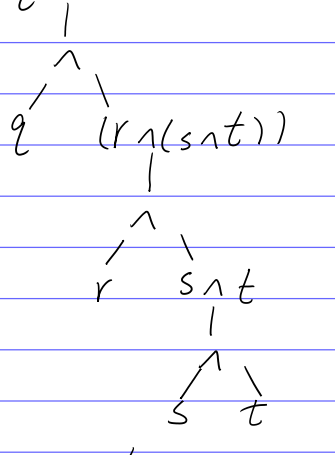
12. $(p \wedge q) \to \neg q$



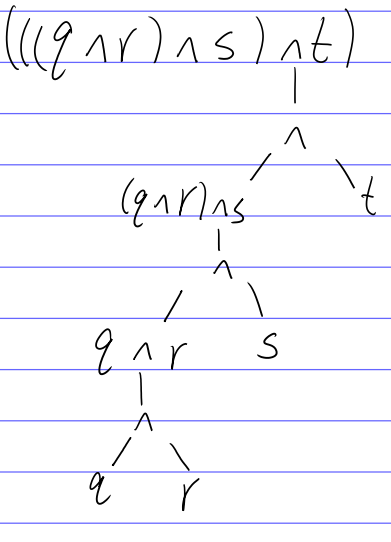
$(q \wedge r) \wedge (s \wedge t)$



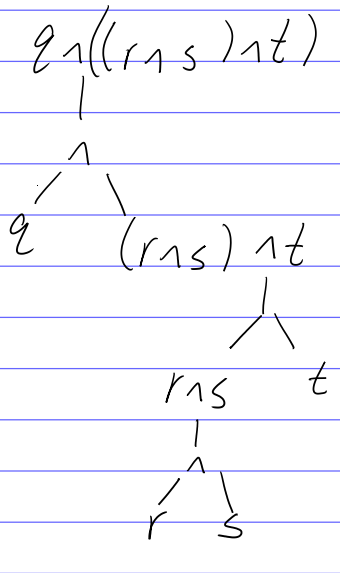
$q \wedge (r \wedge (s \wedge t))$

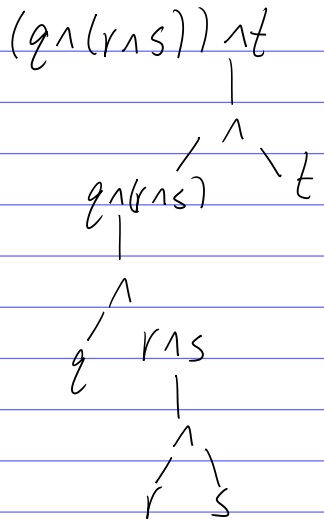


$(((q \wedge r) \wedge s) \wedge t)$



$q \wedge ((r \wedge s) \wedge t)$





This ambiguity is OK. The truth value of this expr is the same in all these cases.
It makes sense because A and B and C and D is true IFF all of them are true. The order in this case doesn't matter.