Philosophy 12, Problem Set 5

Tianshuang (Ethan) Qiu

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1.1 a

Resolvent of $c1, c2$, we have $V_1 = q \vee s$
Resolvent of $c1, c3$, we have $V_2 = p \vee \neg s$
Resolvent of $c2, c3$, we have $V_3 = \neg p \vee \neg q$
We have our new formula: $(p \vee q) \wedge (\neg p \vee s) \wedge (\neg q \vee \neg s) \wedge (q \vee s) \wedge (p \vee \neg s) \wedge (\neg p \vee \neg q)$
We continue the algorithm: the resolvent of $c1, c4$ is $(p \vee q \vee s)$