

Reading assigned February 01, 2023*Prof. Marcia Groszek**Student: Amittai Siavava***Problem 1.**

Suppose a formal deduction includes the line Px . Can the next line be $(Px \vee Qx)$, with “Rule T” as the justification?

Yes, I think it is possible to have $(Px \vee Qx)$ as the next line with “Rule T” since Px tautologically implies $Px \vee Qx$.

Questions

I had no questions about the reading, but reviewing alphabetic variants would be helpful.