Logic and Computation I, Autumn 2024

Exercise 03-02 Due Date:

Let T be a theory in $\mathcal L$ and T^S be the collection of SNF σ^S for a sentence σ of T. Prove that for a formula φ in $\mathcal L$ (i.e., not containing a skolem function),

$$T \models \varphi \Rightarrow T^S \models \varphi.$$

Solution: