

Problem 10.3

Assume we have a language consisting of the object constant a and the unary function constant s .

Prove the goal from the given premises.

Proof Editor		
1.	$\text{falls}(a)$	Premise
2.	$\text{AX}:(\text{falls}(X) \Rightarrow \text{falls}(s(X)))$	Premise
3.	$\text{AX}:\text{falls}(X)$	Induction: 1, 2
Goal	$\text{AX}:\text{falls}(X)$	Complete Submit
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