

t20_trees_3
(TMSBS2vF2SBn83igwea9UvF8Urc4hFxdxo)

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Let $v3_trees_3 : \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $v3_trees_2 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v3_trees_3 X0) \Leftrightarrow (\forall X1.(X1 \in X0) \Rightarrow ((v1_relat_1 X1) \wedge ((v1_funct_1 X1) \wedge (v3_trees_2 X1)))) \quad (1)$$

Assume the following.

$$\forall X0.\forall X1.(r1_tarski X0 X1) \Leftrightarrow (\forall X2.(X2 \in X0) \Rightarrow (X2 \in X1)) \quad (2)$$

Theorem 1

$$\forall X0.\forall X1.((v3_trees_3 X0) \wedge (r1_tarski X1 X0)) \Rightarrow (v3_trees_3 X1)$$