

t7_qc_lang1 (TM-
NcEA5n3yrWHCMkvA1JFjgLCsM4ZHqdbNt)

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Let $m1_qc_lang1 : \iota \Rightarrow o$ be given. Let $v1_qc_lang1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k9_qc_lang1 : \iota \Rightarrow \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(m1_qc_lang1 X0) \Rightarrow (\neg v1_xboole_0 (k9_qc_lang1 X0)) \quad (1)$$

Assume the following.

$$\begin{aligned} & \forall X0.(m1_qc_lang1 X0) \Rightarrow (\forall X1.(\neg v1_xboole_0 X1) \Rightarrow (\\ & (X1 = k9_qc_lang1 X0) \Leftrightarrow ((v1_qc_lang1 X1 X0) \wedge (\forall X2.(\neg v1_xboole_0 \\ & X2) \Rightarrow ((v1_qc_lang1 X2 X0) \Rightarrow (r1_tarski X1 X2)))))) \quad (2) \end{aligned}$$

Theorem 1 $\forall X0.(m1_qc_lang1 X0) \Rightarrow (v1_qc_lang1 (k9_qc_lang1 X0) X0)$.