

t6_compos_1 (TMRjLRMKuT- frWo8E5RM3QgrgDtdGEtwX8oF)

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_compos_0 : \iota \Rightarrow \iota$ be given. Let $u1_compos_1 : \iota \Rightarrow \iota$ be given. Let $k1_compos_1 : \iota$ be given. Let $k3_compos_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_domain_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k5_numbers : \iota$ be given. Let $k6_numbers : \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k3_xtuple_0 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $v1_compos_1 : \iota \Rightarrow o$ be given. Let $l1_compos_1 : \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} \forall X0. (m1_subset_1 X0 (k1_compos_0 (k1_tarski (k3_xtuple_0 \\ k6_numbers k1_xboole_0 k1_xboole_0)))) \Rightarrow (k3_compos_0 (k1_tarski \\ (k3_xtuple_0 k6_numbers k1_xboole_0 k1_xboole_0)) X0 = k6_domain_1 \\ k5_numbers k6_numbers) \end{aligned} \tag{1}$$

Assume the following.

$$(v1_compos_1 k1_compos_1) \wedge (l1_compos_1 k1_compos_1) \tag{2}$$

Assume the following.

$$\begin{aligned} \forall X0. ((v1_compos_1 X0) \wedge (l1_compos_1 X0)) \Rightarrow ((X0 = k1_compos_1) \Leftrightarrow \\ (u1_compos_1 X0 = k1_tarski (k3_xtuple_0 k6_numbers k1_xboole_0 \\ k1_xboole_0))) \end{aligned} \tag{3}$$

Theorem 1

$$\begin{aligned} \forall X0. (m1_subset_1 X0 (k1_compos_0 (u1_compos_1 k1_compos_1))) \Rightarrow \\ (k3_compos_0 (u1_compos_1 k1_compos_1) X0 = k6_domain_1 k5_numbers \\ k6_numbers) \end{aligned}$$