

t2_partit1 (TMZNd-
hQX1BsSA3q3zY7k8FMaq2ZACY4U8Yx)

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Let $k3_tarski : \iota \Rightarrow \iota$ be given. Let $k6_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. k3_tarski (k1_zfmisc_1 X0) = X0 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. k3_tarski (k2_xboole_0 X0 X1) = k2_xboole_0 (k3_tarski X0) (k3_tarski X1) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. k2_xboole_0 X0 (k4_xboole_0 X1 X0) = k2_xboole_0 X0 X1 \quad (3)$$

Assume the following.

$$\forall X0. \forall X1. k1_enumset1 X0 X0 X1 = k2_tarski X0 X1 \quad (4)$$

Assume the following.

$$\forall X0. k2_tarski X0 X0 = k1_tarski X0 \quad (5)$$

Assume the following.

$$k1_zfmisc_1 k1_xboole_0 = k1_tarski k1_xboole_0 \quad (6)$$

Assume the following.

$$\forall X0. k2_xboole_0 X0 k1_xboole_0 = X0 \quad (7)$$

Assume the following.

$$np_1 = k1_tarski k1_xboole_0 \quad (8)$$

Assume the following.

$$\forall X0.\forall X1.k6_subset_1 X0 X1 = k4_xboole_0 X0 X1 \quad (9)$$

Assume the following.

$$k1_xboole_0 = the (\lambda X0 : \iota.v1_xboole_0 X0) \quad (10)$$

Assume the following.

$$\forall X0.\forall X1.k2_xboole_0 X0 X1 = k2_xboole_0 X1 X0 \quad (11)$$

Theorem 1

$$\forall X0.k3_tarski (k6_subset_1 X0 (k1_tarski k1_xboole_0)) = k3_tarski X0$$