

t71_classes1 (TMRemTUrARv- Nis3up9shDUk1Hxy48MrkcXb)

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Let $k6_classes1 : \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k4_tarSKI : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $k4_classes1 : \iota \Rightarrow \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \neg(X0 \neq k1_xboole_0) \wedge (\forall X1. \neg(X1 \in X0) \wedge (\forall X2. \forall X3. \neg((X2 \in X0) \vee (X3 \in X0)) \wedge (X1 = k4_tarSKI X2 X3))) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (k6_classes1 X0 \in k6_classes1 X1) \quad (2)$$

Assume the following.

$$\forall X0. (v3_ordinal1 X0) \Rightarrow (k6_classes1 (k4_classes1 X0) = X0) \quad (3)$$

Assume the following.

$$v1_xboole_0 k1_xboole_0 \quad (4)$$

Assume the following.

$$\forall X0. (v1_xboole_0 X0) \Leftrightarrow (\forall X1. \neg X1 \in X0) \quad (5)$$

Assume the following.

$$\forall X0. (v1_xboole_0 X0) \Rightarrow (v3_ordinal1 X0) \quad (6)$$

Theorem 1 $\forall X0. (k6_classes1 X0 = k1_xboole_0) \Leftrightarrow (X0 = k1_xboole_0).$