

t33_ordinal4 (TMd-
NuXvVBysfWcnj9jDBW6xW368AVWL5mY1)

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Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $v1_classes2 : \iota \Rightarrow o$ be given. Let $k2_ordinal4 : \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k3_ordinal4 : \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Assume the following.

$$\forall X0. ((\neg v1_xboole_0 X0) \wedge (v1_classes2 X0)) \Rightarrow (k3_ordinal4 X0 = np_1) \quad (1)$$

Assume the following.

$$\forall X0. ((\neg v1_xboole_0 X0) \wedge (v1_classes2 X0)) \Rightarrow (k2_ordinal4 X0 = k1_xboole_0) \quad (2)$$

Theorem 1

$$\forall X0. ((\neg v1_xboole_0 X0) \wedge (v1_classes2 X0)) \Rightarrow ((k2_ordinal4 X0 = k1_xboole_0) \wedge (k3_ordinal4 X0 = np_1))$$