

t44_pepin
(TMWT4wgS2Lyvtc1HfP5YyxoWcmV1vjqVMh)

October 27, 2020

Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $k6_numbers : \iota$ be given. Let $k3_nat_d : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $k1_xboole_0 : \iota$ be given. Assume the following.

$$\forall X0.(v1_xboole_0 X0) \Rightarrow (X0 = k1_xboole_0) \quad (1)$$

Assume the following.

$$\forall X0.((\neg v1_xboole_0 X0) \wedge (v7_ordinal1 X0)) \Rightarrow (k3_nat_d X0 X0 = np_1) \quad (2)$$

Assume the following.

$$k6_numbers = k1_xboole_0 \quad (3)$$

Theorem 1

$$\forall X0.(v7_ordinal1 X0) \Rightarrow ((X0 \neq k6_numbers) \Rightarrow (k3_nat_d X0 X0 = np_1))$$