

t28_nat_2

(TMbDd6if3NzETMmxewWuUZqRkb3Zppb6yHh)

October 27, 2020

Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $v1_zfmisc_1 : \iota \Rightarrow o$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $np_1 : \iota$ be given. Let $k6_numbers : \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Assume the following.

$$k6_numbers = k1_xboole_0 \tag{1}$$

Assume the following.

$$v1_xboole_0 \ k1_xboole_0 \tag{2}$$

Assume the following.

$$\forall X0.(v7_ordinal1 \ X0) \Rightarrow ((v1_zfmisc_1 \ X0) \Leftrightarrow ((X0 = k6_numbers) \vee (X0 = np_1))) \tag{3}$$

Assume the following.

$$\forall X0.(v1_xboole_0 \ X0) \Rightarrow (v1_zfmisc_1 \ X0) \tag{4}$$

Theorem 1

$$\forall X0.(v7_ordinal1 \ X0) \Rightarrow ((\neg v1_zfmisc_1 \ X0) \Leftrightarrow ((\neg v1_xboole_0 \ X0) \wedge (X0 \neq np_1)))$$