t8_arytm_0 (TMdtvhgch3Y7xXzzEGbGmFnjhkZUZZUQ4PL)

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Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_numbers : \iota$ be given. Let $k5\_funct\_4 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6\_numbers : \iota$ be given. Let $np\_\_1 : \iota$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $k12\_arytm\_3 : \iota$ be given. Assume the following.

$$k6\_numbers = k1\_xboole\_0 \tag{1}$$

Assume the following.

$$k12\_arytm\_3 = np\_\_1 \tag{2}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ k1\_numbers) \Rightarrow (\neg k5\_funct\_4\ k1\_numbers\ k1\_xboole\_0\ k12\_arytm\_3\ X0\ X1 \in k1\_numbers)) \tag{3}$$

Theorem 1

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ k1\_numbers) \Rightarrow (\neg k5\_funct\_4\ k1\_numbers\ k6\_numbers\ np\_\_1\ X0\ X1 \in k1\_numbers))$$