

l7_fib_fusc
(TMGj9qchtiVB1d1uBzdthqRTRoXQJsY3E2B)

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Let $k10_ami_3 : \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Let $np_1 : \iota$ be given. Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $r1_xreal_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $np_0 : \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k4_ordinal1 : \iota$ be given. Assume the following.

$$\forall X0.(v7_ordinal1\ X0) \Rightarrow (\neg(r1_xreal_0\ X0\ np_1) \wedge ((X0 \neq k6_numbers) \wedge (X0 \neq np_1))) \quad (1)$$

Assume the following.

$$\forall X0.(v7_ordinal1\ X0) \Rightarrow (\forall X1.(v7_ordinal1\ X1) \Rightarrow (\neg(X0 \neq X1) \wedge (k10_ami_3\ X0 = k10_ami_3\ X1))) \quad (2)$$

Assume the following.

$$v1_xboole_0\ np_0 \quad (3)$$

Assume the following.

$$r1_xreal_0\ np_0\ np_1 \quad (4)$$

Assume the following.

$$k6_numbers = k1_xboole_0 \quad (5)$$

Assume the following.

$$np_1 \in k4_ordinal1 \quad (6)$$

Assume the following.

$$\forall X0.(v7_ordinal1\ X0) \Leftrightarrow (X0 \in k4_ordinal1) \quad (7)$$

Assume the following.

$$\forall X0.(v1_xboole_0\ X0) \Rightarrow (v7_ordinal1\ X0) \quad (8)$$

Theorem 1 $k10_ami_3\ k6_numbers \neq k10_ami_3\ np_1$.