

l67_asympt_1

(TMSFGdNzq93Qz16ByEqY8bfkvnAL9CCk68K)

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Let $k5_series_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_4 : \iota$ be given. Let $np_256 : \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $k1_xboole_0 : \iota$ be given. Let $v1_xreal_0 : \iota \Rightarrow o$ be given. Let $r1_xxreal_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6_numbers : \iota$ be given. Let $k3_power : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_xcmplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_xcmplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Let $v2_xxreal_0 : \iota \Rightarrow o$ be given. Let $m2_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_numbers : \iota$ be given. Let $k5_numbers : \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $np_2 : \iota$ be given. Let $np_0 : \iota$ be given. Let $np_64 : \iota$ be given. Let $np_16 : \iota$ be given. Let $np_3 : \iota$ be given. Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $k4_ordinal1 : \iota$ be given. Let $v1_xcmplx_0 : \iota \Rightarrow o$ be given. Assume the following.

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

Assume the following.

$$\begin{aligned} & \forall X0.(v1_xreal_0 X0) \Rightarrow (\forall X1.(v1_xreal_0 X1) \Rightarrow (\forall X2. \\ & (v1_xreal_0 X2) \Rightarrow ((\neg r1_xxreal_0 X0 k6_numbers) \Rightarrow (k3_power X0 (\\ & k2_xcmplx_0 X1 X2) = k3_xcmplx_0 (k3_power X0 X1) (k3_power X0 X2)))))) \end{aligned} \quad (2)$$

Assume the following.

$$\forall X0.(v1_xreal_0 X0) \Rightarrow (k3_power X0 np_1 = X0) \quad (3)$$

Assume the following.

$$\begin{aligned} & ((v2_xxreal_0 np_4) \wedge (m2_subset_1 np_4 k1_numbers k5_numbers)) \wedge \\ & ((m1_subset_1 np_4 k5_numbers) \wedge (m1_subset_1 np_4 k1_numbers)) \end{aligned} \quad (4)$$

Assume the following.

$$\begin{aligned} & ((v2_xxreal_0 np_2) \wedge (m2_subset_1 np_2 k1_numbers k5_numbers)) \wedge \\ & ((m1_subset_1 np_2 k5_numbers) \wedge (m1_subset_1 np_2 k1_numbers)) \end{aligned} \quad (5)$$

Assume the following.

$$\begin{aligned} & ((v2_xxreal_0 np_1) \wedge (m2_subset_1 np_1 k1_numbers k5_numbers)) \wedge \\ & ((m1_subset_1 np_1 k5_numbers) \wedge (m1_subset_1 np_1 k1_numbers)) \end{aligned} \quad (6)$$

Assume the following.

$$v1_xboole_0 \text{ } np_0 \tag{7}$$

Assume the following.

$$k3_xcmplx_0 \text{ } np_64 \text{ } np_4 = np_256 \tag{8}$$

Assume the following.

$$k3_xcmplx_0 \text{ } np_4 \text{ } np_4 = np_16 \tag{9}$$

Assume the following.

$$k3_xcmplx_0 \text{ } np_16 \text{ } np_4 = np_64 \tag{10}$$

Assume the following.

$$k2_xcmplx_0 \text{ } np_2 \text{ } np_1 = np_3 \tag{11}$$

Assume the following.

$$k2_xcmplx_0 \text{ } np_1 \text{ } np_3 = np_4 \tag{12}$$

Assume the following.

$$k2_xcmplx_0 \text{ } np_1 \text{ } np_1 = np_2 \tag{13}$$

Assume the following.

$$\neg r1_xxreal_0 \text{ } np_4 \text{ } np_0 \tag{14}$$

Assume the following.

$$k6_numbers = k1_xboole_0 \tag{15}$$

Assume the following.

$$\forall X0.\forall X1.((v7_ordinal1 \text{ } X0)\wedge(v7_ordinal1 \text{ } X1))\Rightarrow(\tag{16}$$
$$k5_series_1 \text{ } X0 \text{ } X1 = k3_power \text{ } X0 \text{ } X1)$$

Assume the following.

$$k5_numbers = k4_ordinal1 \tag{17}$$

Assume the following.

$$\forall X0.\forall X1.((v1_xreal_0 \text{ } X0)\wedge(v1_xreal_0 \text{ } X1))\Rightarrow(v1_xreal_0 \tag{18}$$
$$(k2_xcmplx_0 \text{ } X0 \text{ } X1))$$

Assume the following.

$$\forall X0.\forall X1.((v1_xcmplx_0 \text{ } X0)\wedge(v1_xcmplx_0 \text{ } X1))\Rightarrow(\tag{19}$$
$$k2_xcmplx_0 \text{ } X0 \text{ } X1 = k2_xcmplx_0 \text{ } X1 \text{ } X0)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 k4_ordinal1) \Rightarrow (v7_ordinal1 X0) \quad (20)$$

Assume the following.

$$\forall X0.(v1_xreal_0 X0) \Rightarrow (v1_xcmplx_0 X0) \quad (21)$$

Assume the following.

$$\forall X0.(v7_ordinal1 X0) \Rightarrow (v1_xreal_0 X0) \quad (22)$$

Theorem 1 $k5_series_1 \text{ np_4 } \text{ np_4} = \text{ np_256}$.