

l4_series_3 (TMZ-
zTwdP352eYStXE9MdLVnAUQaaXxkS9Z)

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Let $k13_newton : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_3 : \iota$ be given. Let $np_27 : \iota$ be given. Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $v1_xcmplx_0 : \iota \Rightarrow o$ be given. Let $k1_newton : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_nat_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Let $k3_xcmplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ 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 $np_9 : \iota$ be given. Let $k2_xcmplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_ordinal1 : \iota$ be given. Let $v1_xreal_0 : \iota \Rightarrow o$ be given. Let $k3_square_1 : \iota \Rightarrow \iota$ be given. Let $v6_membered : \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} \forall X0.(v7_ordinal1 X0) \Rightarrow (\forall X1.(v1_xcmplx_0 X1) \Rightarrow (k1_newton \\ X1 (k1_nat_1 X0 np_1) = k3_xcmplx_0 (k1_newton X1 X0) X1)) \end{aligned} \quad (1)$$

Assume the following.

$$\begin{aligned} ((v2_xxreal_0 np_3) \wedge (m2_subset_1 np_3 k1_numbers k5_numbers)) \wedge \\ ((m1_subset_1 np_3 k5_numbers) \wedge (m1_subset_1 np_3 k1_numbers)) \end{aligned} \quad (2)$$

Assume the following.

$$\begin{aligned} ((v2_xxreal_0 np_2) \wedge (m2_subset_1 np_2 k1_numbers k5_numbers)) \wedge \\ ((m1_subset_1 np_2 k5_numbers) \wedge (m1_subset_1 np_2 k1_numbers)) \end{aligned} \quad (3)$$

Assume the following.

$$\begin{aligned} ((v2_xxreal_0 np_1) \wedge (m2_subset_1 np_1 k1_numbers k5_numbers)) \wedge \\ ((m1_subset_1 np_1 k5_numbers) \wedge (m1_subset_1 np_1 k1_numbers)) \end{aligned} \quad (4)$$

Assume the following.

$$k3_xcmplx_0 np_9 np_3 = np_27 \quad (5)$$

Assume the following.

$$k3_xcmplx_0 np_3 np_3 = np_9 \quad (6)$$

Assume the following.

$$k2_xcmplx_0 \text{ } np_2 \text{ } np_1 = np_3 \quad (7)$$

Assume the following.

$$k5_numbers = k4_ordinal1 \quad (8)$$

Assume the following.

$$\forall X0. \forall X1. ((v7_ordinal1 \text{ } X0) \wedge (m1_subset_1 \text{ } X1 \text{ } k5_numbers)) \Rightarrow (k1_nat_1 \text{ } X0 \text{ } X1 = k2_xcmplx_0 \text{ } X0 \text{ } X1) \quad (9)$$

Assume the following.

$$\forall X0. \forall X1. ((m1_subset_1 \text{ } X0 \text{ } k5_numbers) \wedge (m1_subset_1 \text{ } X1 \text{ } k5_numbers)) \Rightarrow (k13_newton \text{ } X0 \text{ } X1 = k1_newton \text{ } X0 \text{ } X1) \quad (10)$$

Assume the following.

$$\forall X0. (v1_xreal_0 \text{ } X0) \Rightarrow (k3_square_1 \text{ } X0 = k1_newton \text{ } X0 \text{ } np_2) \quad (11)$$

Assume the following.

$$v6_membered \text{ } k4_ordinal1 \quad (12)$$

Assume the following.

$$\forall X0. (v1_xcmplx_0 \text{ } X0) \Rightarrow (k3_square_1 \text{ } X0 = k3_xcmplx_0 \text{ } X0 \text{ } X0) \quad (13)$$

Assume the following.

$$\forall X0. (m1_subset_1 \text{ } X0 \text{ } k1_numbers) \Rightarrow (v1_xreal_0 \text{ } X0) \quad (14)$$

Assume the following.

$$\forall X0. (m1_subset_1 \text{ } X0 \text{ } k1_numbers) \Rightarrow (v1_xcmplx_0 \text{ } X0) \quad (15)$$

Assume the following.

$$\forall X0. (v6_membered \text{ } X0) \Rightarrow (\forall X1. (m1_subset_1 \text{ } X1 \text{ } X0) \Rightarrow (v7_ordinal1 \text{ } X1)) \quad (16)$$

Theorem 1 $k13_newton \text{ } np_3 \text{ } np_3 = np_27$.