

t59_pepin
(TMVrV7ePKh8ejHuDdT32Hx7A3PWE2cbdshx)

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Let $v1_int_2 : \iota \Rightarrow o$ be given. Let $np_5 : \iota$ be given. Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $r2_int_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k13_newton : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_3 : \iota$ be given. Let $k3_nat_d : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k7_nat_d : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_pepin : \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Let $np_2 : \iota$ be given. Let $k4_xcmplx_0 : \iota \Rightarrow \iota$ 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 $k4_ordinal1 : \iota$ be given. Assume the following.

$$\forall X0.(v7_ordinal1 X0) \Rightarrow ((r2_int_1 (k13_newton np_3 (k3_nat_d (k7_nat_d (k4_pepin X0) np_1) np_2)) (k4_xcmplx_0 np_1) (k4_pepin X0)) \Rightarrow (v1_int_2 (k4_pepin X0))) \quad (1)$$

Assume the following.

$$k4_pepin np_1 = np_5 \quad (2)$$

Assume the following.

$$((v2_xxreal_0 np_1) \wedge (m2_subset_1 np_1 k1_numbers k5_numbers)) \wedge ((m1_subset_1 np_1 k5_numbers) \wedge (m1_subset_1 np_1 k1_numbers)) \quad (3)$$

Assume the following.

$$k5_numbers = k4_ordinal1 \quad (4)$$

Assume the following.

$$\forall X0.(v7_ordinal1 X0) \Rightarrow ((X0 = np_1) \Rightarrow (r2_int_1 (k13_newton np_3 (k3_nat_d (k7_nat_d (k4_pepin X0) np_1) np_2)) (k4_xcmplx_0 np_1) (k4_pepin X0))) \quad (5)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 k4_ordinal1) \Rightarrow (v7_ordinal1 X0) \quad (6)$$

Theorem 1 $v1_int_2 np_5$.