

l21_pnproc_1 (TMbYT-
fkjhEA4xYRANiEKndchYTADk2YNeEE)

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Let $k1_funct_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_pnproc_1 : \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Let $k16_pre_poly : \iota \Rightarrow \iota$ be given. Let $c2_arytm_0 : \iota$ be given. Let $c1_axioms : \iota$ be given. Let $k8_funcop_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k5_numbers : \iota$ be given. Assume the following.

$$\forall X0. \forall X1. k1_funct_1 (k16_pre_poly X0) X1 = k6_numbers \quad (1)$$

Assume the following.

$$c2_arytm_0 = k6_numbers \quad (2)$$

Assume the following.

$$c1_axioms = k6_numbers \quad (3)$$

Assume the following.

$$\forall X0. k1_pnproc_1 X0 = k8_funcop_1 k5_numbers X0 k6_numbers \quad (4)$$

Assume the following.

$$\forall X0. k16_pre_poly X0 = k8_funcop_1 k5_numbers X0 k6_numbers \quad (5)$$

Theorem 1

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (k1_funct_1 (k1_pnproc_1 X1) X0 = k6_numbers)$$