

t28_pre_poly
(TMRH3f2HM2x5221rKeHYPHQtCbWERXC65uH)

October 27, 2020

Let $m2_finseq_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3_finseq_2 : \iota \Rightarrow \iota$ be given. Let $k10_pre_poly : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_finseq_1 : \iota \Rightarrow \iota$ be given. Let $k5_pre_poly : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_wsierp_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (m2_finseq_1 X1 (k3_finseq_2 X0)) \Rightarrow (k3_finseq_1 (k5_pre_poly X0 X1) = k2_wsierp_1 (k10_pre_poly X0 X1)) \quad (1)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. (m2_finseq_1 X2 (k3_finseq_2 X0)) \Rightarrow (\forall X3. (m2_finseq_1 X3 (k3_finseq_2 X1)) \Rightarrow ((k10_pre_poly X0 X2 = k10_pre_poly X1 X3) \Rightarrow (k3_finseq_1 (k5_pre_poly X0 X2) = k3_finseq_1 (k5_pre_poly X1 X3))))$$