

t23_xxreal_3
(TMXVdjzGTsTSZtuZmuZ1ohiaFU AeHah66Z)

October 27, 2020

Let $v1_xxreal_0 : \iota \Rightarrow o$ be given. Let $k1_xxreal_0 : \iota$ be given. Let $k2_xxreal_3 : \iota \Rightarrow \iota$ be given. Let $k2_xxreal_0 : \iota$ be given. Assume the following.

$$k2_xxreal_3 \ k2_xxreal_0 = k1_xxreal_0 \quad (1)$$

Assume the following.

$$\forall X0.(v1_xxreal_0 \ X0) \Rightarrow (k2_xxreal_3 \ (k2_xxreal_3 \ X0) = X0) \quad (2)$$

Assume the following.

$$v1_xxreal_0 \ k2_xxreal_0 \quad (3)$$

Theorem 1

$$\begin{aligned} & \forall X0.(v1_xxreal_0 \ X0) \Rightarrow (((X0 = k1_xxreal_0) \Rightarrow (k2_xxreal_3 \\ & X0 = k2_xxreal_0)) \wedge (((k2_xxreal_3 \ X0 = k2_xxreal_0) \Rightarrow (X0 = k1_xxreal_0)) \wedge \\ & (((X0 = k2_xxreal_0) \Rightarrow (k2_xxreal_3 \ X0 = k1_xxreal_0)) \wedge ((k2_xxreal_3 \\ & X0 = k1_xxreal_0) \Rightarrow (X0 = k2_xxreal_0)))))) \end{aligned}$$