t19_pepin (TMatVZPMN-TAxZ4GcZFvC6EDFzu4Vjat9apV)

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Let $v7\_ordinal1 : \iota \Rightarrow o$ be given. Let $v1\_abian : \iota \Rightarrow o$ be given. Let $k3\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1\_int\_1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.\forall X1.(((v1\_int\_1\ X0) \wedge (\neg v1\_abian\ X0)) \wedge ((v1\_int\_1\ X1) \wedge (\neg v1\_abian\ X1))) \Rightarrow (\neg v1\_abian\ (k3\_xcmplx\_0\ X0\ X1)) \tag{1}$$

Assume the following.

$$\forall X0.(v7\_ordinal1\ X0) \Rightarrow (v1\_int\_1\ X0) \tag{2}$$

Theorem 1

$$\forall X0.(v7\_ordinal1\ X0) \Rightarrow (\forall X1.(v7\_ordinal1\ X1) \Rightarrow (\neg (\neg v1\_abian\ X0) \wedge ((\neg v1\_abian\ X1) \wedge (v1\_abian\ (k3\_xcmplx\_0\ X0\ X1)))))$$